

Supplementary Information

Benefits of organic agriculture for environment and animal welfare in temperate climates

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S1 Supplementary information on the literature search

Research subtopics	Additional literature databases	Additional quality criteria	Agricultural production branches included
Water protection	- Pubmed - KARLA		- Cropland except rice and special cultures - Grassland
Soil conservation			- Cropland except rice and special cultures - Grassland - Greenhouses
Biodiversity enhancement		- Studies with unbalanced design excluded	- Cropland except rice - Grassland
Climate protection	- Dataset from Gattinger et al. (2012)		- Cropland except rice
Resource efficiency	- Dataset from Hülsbergen (2022)		- Crop rotations - Wheat studies
Animal welfare		- At least two organic and conventional farms compared	

S2 Supplementary Information on the methodological approach

The methodological approach utilized in this work follows the principles of a systematic literature review. In order to identify and incorporate all relevant scientific publications of the past 30 years comparing conventional to organic agriculture, a multi-faceted literature search was conducted. First, a unified approach was established for each of the public goods investigated in this study, searching scientific databases utilizing Boolean search terms. Additionally, each working group consulted further databases where appropriate (see S1), and the chain-referral sampling method was employed, alongside the expertise of the scientists investigating each public good, to identify further relevant studies. Publications were then filtered according to specific criteria for inclusion in this study (Table 1). Working group specific exclusion criteria and further information are listed in Table 2. Relevant data were extracted, including parameters used by all working groups, such as general information on the study (authors, year of publication, etc.), site characteristics (location, weather data, etc.), and individual indicators that allow for a comparative assessment of each public good.

Table 1 Selection criteria used

Criteria for inclusion of studies	Explanation for the criteria
The study was carried out in a temperate climate zone according to the Köppen-Geiger classification: BSk, all C climate zones, Dfa, Dfb, Dwa, Dwb according to the updated Köppen map (Peel et al. 2007).	Due to the political topicality of Organic agriculture in Europe with calls to sustainably reform the European Common Agricultural Policy (CAP), the study focused on climates found in Europe. Organic agriculture also plays a crucial role in other climates, but the effects may differ drastically between temperate and tropical climates. In order to achieve a higher comparability between the studies, the focus was set on temperate climate zones.
The study contained at least one pairwise comparison of an organic (including biodynamic) and a conventional (including integrated) farming system.	Pairwise comparisons are crucial to compare system approaches in agricultural sciences. The aim was to have investigation sites that are similar, with the only variable being the organic or conventional agricultural approach. This minimizes the influence of other environmental factors (e.g., soil type, soil texture, precipitation) that could otherwise be incorrectly attributed to the farming system.
Organic production systems had been managed organically for at least two years prior to the start of data collection.	In agriculture, many parameters require time to respond to changes in agricultural practices. Organic agriculture, in particular, aims to build soil health sustainably, a process that takes time. European legislation mandates a two-year transition period before a farm can be certified as organic, which is why this threshold was chosen here as well.
The date of publication was between 1990 and 2018.	Considerable advancements in both research and practical farming were achieved in the 20th century. It is important to balance the use of available data with the exclusion of outdated approaches, both in farming systems and scientific methodology. The year 1990 was chosen as a threshold because interest in organic agriculture increased during this time, and the European legislation on organic production was established in 1991.
The publication was in English or German.	Most studies were published in English, as is common practice in scientific literature. However, since all working groups were German, some additional information was obtained from German publications.

Table 2 Public good specific criteria and information

Public good	Specific exclusion/inclusion criteria and additional information
Water protection	– -Experimental, modeling and LCA studies were included – -Studies on special crops (vegetables, fruits, wine) and greenhouse or rice cultivation were excluded – -For nitrogen leaching per hectare, only studies based on leachate samples were included – -Ammonium and organic nitrogen losses were also considered – -Pesticides, phosphorous and pharmaceuticals were not analyzed statistically (lack of data)
Soil conservation	– -Only arable farming systems were considered – -Focus on staple foods for human nutrition: – -Cereal (wheat, maize, rye, barley, oats) – -Legumes (broad beans, peas, lupines) – -Oilseeds (rape, sunflower) – -Root/tuber crops (potato, sugar beet) – -Grasslands were excluded due to contrasting bio-geophysical properties to arable soils – -Greenhouse studies were excluded
Biodiversity enhancement	– -Studies on flora, pollinating insects and birds are included – -Within bird studies: Focus on the lark (<i>Alauda arvensis</i>) – -Species richness and/or abundance were extracted to have a common indicator among all studies – -Studies in rice cultivation, aquaculture or from greenhouses were excluded
Climate protection	– Additional studies were identified from a meta-analysis published in 2012 (Gattinger et al., 2012). – Gray literature, greenhouse, pot and incubation studies were excluded – Linear transformations of soil organic matter (SOM) to soil organic carbon (SOC) were done following the formula – $SOC [\%] = SOM [\%]/1.72$ – Sequestration rates, when not given, were calculated from the soil carbon contents in the beginning and at the end of the experiment, expressed as kg C/ha/year⁻¹. – Greenhouse gas emissions could only be assessed qualitatively (lack of data)
Resource efficiency	– -Only studies with data on crop rotations or wheat production were included – -When estimating the energy balance, energy from the sun and human labor were not included as an energy input – -Both area-based (nitrogen and energy balance) and yield-based (nitrogen and energy efficiency) indicators were used – -When necessary, units were transformed
Animal welfare	– -Only studies analyzing data from commercial farms were included to capture the complexity of real-world agricultural practice – -Studies only focusing on isolated aspects of animal husbandry were excluded

	– -Only studies with at least two farms for each treatment (conventional and organic) were considered – -A large number of indicators for animal welfare were identified, but with varying statistical metrics, and with very few overall comparisons – -The descriptive statistical analysis could not be conducted (lack of data)
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S3 Supplementary Information on the study database

Study database												
Perfromance area	Indicator	Sub-indicator	Comparative characteristic		Nr. pair	Pair ID	CON Value	ORG value	Unit	Relative difference	Significance	Qualitative assessment
Water protection	Nitrogen leaching	-	-	Anglade (2015)	1	Nit_	51.00	38.00	kg/ha	-25%	sig.	+
Water protection	Nitrogen leaching	-	-	Aronsson (2007)	2	LeaAM	12.78	7.22	kg/ha	-44%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Aronsson (2007)	3	LeaGM	12.78	11.30	kg/ha	-12%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Baeckström (2006)	4	Nit_	105.50	56.50	kg/ha	-46%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2014)	5	Nit_1_S&M 1	25.98	9.89	kg/ha	-62%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2014)	6	Nit_1_S&M 2	40.21	9.89	kg/ha	-75%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2014)	7	Nit_2_S&M 3	25.98	35.57	kg/ha	37%	n.a.	-
Water protection	Nitrogen leaching	-	-	Benoit (2014)	8	Nit_2_S&M 4	40.21	35.57	kg/ha	-12%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2014)	9	Nit_3_Oise	76.70	64.02	kg/ha	-17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2014)	10	Nit_4_Oise	76.70	20.72	kg/ha	-73%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2015)	11	Nit	18.40	13.30	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	12	Nit_Oise_OF4-1	13.00	13.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2016)	13	Nit_Oise_OF4-2	18.00	13.00	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	14	Nit_Oise_OF5-1	13.00	9.00	kg/ha	-31%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	15	Nit_Oise_OF5-2	18.00	9.00	kg/ha	-50%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	16	Nit_S&M_1_OF1-1	16.00	16.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2016)	17	Nit_S&M_1_OF1-2	32.00	16.00	kg/ha	-50%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	18	Nit_S&M_1_OF1	26.00	16.00	kg/ha	-38%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	19	Nit_S&M_1_OF2-1	16.00	18.00	kg/ha	13%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2016)	20	Nit_S&M_1_OF2-2	32.00	18.00	kg/ha	-44%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	21	Nit_S&M_1_OF2	26.00	18.00	kg/ha	-31%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	22	Nit_S&M_2_OF3-1	18.00	10.00	kg/ha	-44%	n.a.	+
Water protection	Nitrogen leaching	-	-	Benoit (2016)	23	Nit_S&M_2_OF3-2	11.00	10.00	kg/ha	-9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Benoit (2016)	24	Nit_Yonne_OF6	10.00	12.00	kg/ha	20%	n.a.	=
Water protection	Nitrogen leaching	-	-	Berg (2007)	25	NitRheinfähre 1	84.02	31.58	kg/ha	-62%	n.a.	+
Water protection	Nitrogen leaching	-	-	Berg (2007)	26	NitRheinfähre 2	71.41	31.58	kg/ha	-56%	n.a.	+
Water protection	Nitrogen leaching	-	-	Berg (2007)	27	NitWerthhof 1	23.58	12.64	kg/ha	-46%	n.a.	+
Water protection	Nitrogen leaching	-	-	Berg (2007)	28	NitWerthhof 2	25.63	12.64	kg/ha	-51%	n.a.	+
Water protection	Nitrogen leaching	-	-	Biernat (2015)	29	Ausextensiv	20.39	23.80	kg/ha	17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Biernat (2015)	30	Ausintensiv	20.39	18.66	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Biernat (2020)	31	IsolowN-intensiv_2012_/2013	33.92	23.74	kg/ha	-30%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Biernat (2020)	32	IsolowN-intensiv_2013_/2014	37.59	21.01	kg/ha	-44%	sig.	+
Water protection	Nitrogen leaching	-	-	Biernat (2020)	33	IsosemiN-intensiv_2012_/2013	33.92	25.21	kg/ha	-26%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Biernat (2020)	34	IsosemiN-intensiv_2013_/2014	37.59	24.37	kg/ha	-35%	sig.	+
Water protection	Nitrogen leaching	-	-	Biro (2005)	35	Soiarable	3.00	3.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Biro (2005)	36	Soihorticulture	6.50	6.50	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Brandhuber (1991)	37	Nit	17.83	6.09	mg/l	-66%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cambardella (2015)	38	Watarable	26.40	13.30	kg/ha	-50%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cambardella (2015)	39	Watarable_22002012	10.10	7.70	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cambardella (2015)	40	Watarable_22002013	34.70	17.70	kg/ha	-49%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cambardella (2015)	41	Watarable_22002014	24.40	14.50	kg/ha	-41%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cederberg (2000)	42	Lif 1	32.00	19.00	kg/ha	-41%	n.a.	+
Water protection	Nitrogen leaching	-	-	Cederberg (2000)	43	Lif 2	32.00	26.00	kg/ha	-19%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Cederberg (2000)	44	Lif 3	27.00	26.00	kg/ha	-4%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Drinkwater (2011)	45	998LegBeef	19.89	12.41	kg/ha	-38%	sig.	+
Water protection	Nitrogen leaching	-	-	Drinkwater (2011)	46	998LegLeg	19.89	12.62	kg/ha	-37%	sig.	+
Water protection	Nitrogen leaching	-	-	Eltun (2011)	47	9995_Comcash_crops	33.90	12.60	kg/ha	-63%	sig.	+
Water protection	Nitrogen leaching	-	-	Eltun (2011)	48	9995_Comforage_crops	21.70	13.90	kg/ha	-36%	sig.	+
Water protection	Nitrogen leaching	-	-	Feige (1990)	49	Nit_alternative_1	21.00	10.00	kg/ha	-52%	n.a.	+
Water protection	Nitrogen leaching	-	-	Filipinski (2009)	50	Näh	197.00	13.00	kg/ha	-93%	n.a.	+
Water protection	Nitrogen leaching	-	-	Gaudino (2014)	51	Cro1-1	98.60	-29.60	kg/ha	-130%	n.a.	+
Water protection	Nitrogen leaching	-	-	Gaudino (2014)	52	Cro1-2	54.90	-29.60	kg/ha	-154%	n.a.	+
Water protection	Nitrogen leaching	-	-	Gaudino (2014)	53	Cro2-1	47.90	-57.70	kg/ha	-220%	n.a.	+

Water protection	Nitrogen leaching	-	-	Gaudino (2014)	54	Cro2-2	166.20	-57.70	kg/ha	-135%	n.a.	+
Water protection	Nitrogen leaching	-	-	Granlund (2015)	55	Eco1	21.00	14.00	kg/ha	-33%	n.a.	+
Water protection	Nitrogen leaching	-	-	Granlund (2015)	56	Eco2	35.00	24.00	kg/ha	-31%	n.a.	+
Water protection	Nitrogen leaching	-	-	Gruber (2001)	57	Ver	114.60	-1.20	kg/ha	-101%	sig.	+
Water protection	Nitrogen leaching	-	-	Haas (2001)	58	Farm 1	80.10	30.10	kg/ha	-62%	sig.	+
Water protection	Nitrogen leaching	-	-	Haas (2001)	59	Farm 2	30.40	30.10	kg/ha	-1%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Halberg (2011)	60	9995Nit	240.00	124.00	kg/ha	-48%	sig.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	61	arable_loam	32.00	19.00	kg/ha	-41%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	62	arable_sand	90.00	36.00	kg/ha	-60%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	63	dairy/beef_loam	48.00	28.00	kg/ha	-42%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	64	dairy/beef_sand	103.00	65.00	kg/ha	-37%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	65	pig_loam	46.00	30.00	kg/ha	-35%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hansen et al. (2000)	66	pig_sand	111.00	61.00	kg/ha	-45%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hege (2003)	67	Nähmean	166.00	72.00	kg/ha	-57%	n.a.	+
Water protection	Nitrogen leaching	-	-	Hein (2007)	68	LeaLys_1	10.63	12.05	mg/l	13%	n.a.	=
Water protection	Nitrogen leaching	-	-	Hein (2007)	69	LeaLys_2	6.29	6.70	mg/l	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Hein (2007)	70	LeaLys_3	9.20	6.66	mg/l	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Heyn (2013)	71	Koosarable 1	13.40	21.80	kg/ha	63%	sig.	-
Water protection	Nitrogen leaching	-	-	Heyn (2013)	72	Koosarable 2	9.50	21.80	kg/ha	129%	sig.	-
Water protection	Nitrogen leaching	-	-	Heyn (2013)	73	KooGemischtbetrieb_0,5GV 1	16.50	17.40	kg/ha	5%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Heyn (2013)	74	KooGemischtbetrieb_0,5GV 2	11.90	17.40	kg/ha	46%	n.sig.	-
Water protection	Nitrogen leaching	-	-	Heyn (2013)	75	KooGemischtbetrieb_1GV 1	16.50	18.60	kg/ha	13%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Heyn (2013)	76	KooGemischtbetrieb_1GV 2	11.90	18.60	kg/ha	56%	sig.	-
Water protection	Nitrogen leaching	-	-	Kelm (2007)	77	N-Aarable_pair1_9	43.85	26.35	kg/ha	-40%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kelm (2007)	78	N-Aarable_pair2_2012	30.40	29.30	kg/ha	-4%	n.a.	=
Water protection	Nitrogen leaching	-	-	Kelm (2007)	79	N-Adairy_pair1_29	42.50	45.35	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Kelm (2007)	80	N-Adairy_pair2_32	27.00	24.95	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Kelm (2008)	81	Comarable_GC_1	28.70	13.20	kg/ha	-54%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kelm (2008)	82	Comarable_GC_2	42.20	15.20	kg/ha	-64%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kelm (2008)	83	Comdairy_PermanentGrassland_1	40.10	26.20	kg/ha	-35%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kelm (2008)	84	Comdairy_PermanentGrassland_2	38.20	19.50	kg/ha	-49%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kelm (2008)	85	Comdairy_SilageMaize_1	22.10	27.80	kg/ha	26%	n.a.	-
Water protection	Nitrogen leaching	-	-	Kelm (2008)	86	Comdairy_SilageMaize_2	52.40	65.50	kg/ha	25%	n.a.	-
Water protection	Nitrogen leaching	-	-	KelmCom (2008)	87	Arable_WW_1	32.10	45.50	kg/ha	42%	n.a.	-
Water protection	Nitrogen leaching	-	-	KelmCom (2008)	88	Arable_WW_2	45.50	37.50	kg/ha	-18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	89	Modsoiltype1	62.00	25.40	kg/ha	-59%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	90	Modsoiltype2	66.60	29.70	kg/ha	-55%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	91	Modsoiltype3	60.10	24.80	kg/ha	-59%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	92	Modsoiltype4	39.80	8.60	kg/ha	-78%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	93	Modsoiltype5	11.20	8.30	kg/ha	-26%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	94	Modsoiltype6	8.80	5.90	kg/ha	-33%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	95	Modsoiltype7	0.63	0.45	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Kersebaum (2006)	96	Modsoiltype8	0.71	0.39	kg/ha	-45%	n.a.	+
Water protection	Nitrogen leaching	-	-	Klammler (2014)	97	Det	15.00	31.00	kg/ha	107%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	98	Estsandy_high+0,1GC	41.00	52.00	kg/ha	27%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	99	Est+CC 1	36.00	27.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	100	Est+CC 2	29.00	27.00	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	101	Est+CC 3	35.00	27.00	kg/ha	-23%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	102	Est+straw 1	36.00	33.00	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	103	Est+straw 2	29.00	33.00	kg/ha	14%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	104	Est+straw 3	35.00	33.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	105	Est+straw&CC 1	36.00	26.00	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	106	Est+straw&CC 2	29.00	26.00	kg/ha	-10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	107	Est+straw&CC 3	35.00	26.00	kg/ha	-26%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	108	Est0,1GC 1	36.00	33.00	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	109	Est0,1GC 2	29.00	33.00	kg/ha	14%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	110	Est0,1GC 3	35.00	33.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	111	Est0,5N 1	36.00	34.00	kg/ha	-6%	n.a.	=

Water protection	Nitrogen leaching	-	-	Knudsen (2006)	112	Est0,5N 2	29.00	34.00	kg/ha	17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	113	Est0,5N 3	35.00	34.00	kg/ha	-3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	114	Est0N 1	36.00	32.00	kg/ha	-11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	115	Est0N 2	29.00	32.00	kg/ha	10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	116	Est0N 3	35.00	32.00	kg/ha	-9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	117	Estaverage 1	124.00	47.00	kg/ha	-62%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	118	Estbasic 1	36.00	36.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	119	Estbasic 2	29.00	36.00	kg/ha	24%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	120	Estbasic 3	35.00	36.00	kg/ha	3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	121	Estloamysand_high 1	46.00	44.00	kg/ha	-4%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	122	Estloamysand_high 2	32.00	44.00	kg/ha	38%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	123	Estloamysand_high+0,1GC 1	40.00	39.00	kg/ha	-3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	124	Estloamysand_high+0,1GC 2	40.00	41.00	kg/ha	2%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	125	Estloamysand_high+0,1GC 3	46.00	39.00	kg/ha	-15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	126	Estloamysand_high+0,1GC 4	46.00	41.00	kg/ha	-11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	127	Estloamysand_high+0,1GC 5	26.00	39.00	kg/ha	50%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	128	Estloamysand_high+0,1GC 6	26.00	41.00	kg/ha	58%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	129	Estloamysand_high+0,1GC 7	32.00	39.00	kg/ha	22%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	130	Estloamysand_high+0,1GC 8	32.00	41.00	kg/ha	28%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	131	Estloamysand_high+0,5N 1	40.00	41.00	kg/ha	2%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	132	Estloamysand_high+0,5N 2	46.00	41.00	kg/ha	-11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	133	Estloamysand_high+0,5N 3	26.00	41.00	kg/ha	58%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	134	Estloamysand_high+0,5N 4	32.00	41.00	kg/ha	28%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	135	Estloamysand_high+CC 1	40.00	35.00	kg/ha	-13%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	136	Estloamysand_high+CC 2	46.00	35.00	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	137	Estloamysand_high+CC 3	26.00	35.00	kg/ha	35%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	138	Estloamysand_high+CC 4	32.00	35.00	kg/ha	9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	139	Estloamysand_high+CC+straw 1	40.00	34.00	kg/ha	-15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	140	Estloamysand_high+CC+straw 2	46.00	34.00	kg/ha	-26%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	141	Estloamysand_high+CC+straw 3	26.00	34.00	kg/ha	31%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	142	Estloamysand_high+CC+straw 4	32.00	34.00	kg/ha	6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	143	Estloamysand_low 1	46.00	33.00	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	144	Estloamysand_low 2	32.00	33.00	kg/ha	3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	145	Estloamysand_low+0,1GC 1	40.00	29.00	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	146	Estloamysand_low+0,1GC 2	40.00	30.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	147	Estloamysand_low+0,1GC 3	46.00	29.00	kg/ha	-37%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	148	Estloamysand_low+0,1GC 4	46.00	30.00	kg/ha	-35%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	149	Estloamysand_low+0,1GC 5	26.00	29.00	kg/ha	12%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	150	Estloamysand_low+0,1GC 6	26.00	30.00	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	151	Estloamysand_low+0,1GC 7	32.00	29.00	kg/ha	-9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	152	Estloamysand_low+0,1GC 8	32.00	30.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	153	Estloamysand_low+0,5N 1	40.00	30.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	154	Estloamysand_low+0,5N 2	46.00	30.00	kg/ha	-35%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	155	Estloamysand_low+0,5N 3	26.00	30.00	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	156	Estloamysand_low+0,5N 4	32.00	30.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	157	Estloamysand_low+CC 1	40.00	24.00	kg/ha	-40%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	158	Estloamysand_low+CC 2	46.00	24.00	kg/ha	-48%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	159	Estloamysand_low+CC 3	26.00	24.00	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	160	Estloamysand_low+CC 4	32.00	24.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	161	Estloamysand_low+CC+straw 1	40.00	23.00	kg/ha	-43%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	162	Estloamysand_low+CC+straw 2	46.00	23.00	kg/ha	-50%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	163	Estloamysand_low+CC+straw 3	26.00	23.00	kg/ha	-12%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	164	Estloamysand_low+CC+straw 4	32.00	23.00	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	165	Estloamysand_low+straw 1	40.00	30.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	166	Estloamysand_low+straw 2	46.00	30.00	kg/ha	-35%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	167	Estloamysand_low+straw 3	26.00	30.00	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	168	Estloamysand_low+straw 4	32.00	30.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	169	Estloamysandy_high+straw 1	40.00	42.00	kg/ha	5%	n.a.	=

Water protection	Nitrogen leaching	-	-	Knudsen (2006)	170	Estloamysandy_high+straw 2	46.00	42.00	kg/ha	-9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	171	Estloamysandy_high+straw 3	26.00	42.00	kg/ha	62%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	172	Estloamysandy_high+straw 4	32.00	42.00	kg/ha	31%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	173	Estsandy 1	105.00	79.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	174	Estsandy 2	144.00	79.00	kg/ha	-45%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	175	Estsandy 3	71.00	79.00	kg/ha	11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	176	Estsandy 4	111.00	79.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	177	Estsandy_high 1	56.00	56.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	178	Estsandy_high 2	41.00	56.00	kg/ha	37%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	179	Estsandy_high+0,1GC 1	49.00	49.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	180	Estsandy_high+0,1GC 2	49.00	52.00	kg/ha	6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	181	Estsandy_high+0,1GC 3	56.00	49.00	kg/ha	-13%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	182	Estsandy_high+0,1GC 4	56.00	52.00	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	183	Estsandy_high+0,1GC 5	33.00	49.00	kg/ha	48%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	184	Estsandy_high+0,1GC 6	33.00	52.00	kg/ha	58%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	185	Estsandy_high+0,1GC 7	40.00	49.00	kg/ha	23%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	186	Estsandy_high+0,1GC 8	40.00	52.00	kg/ha	30%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	187	Estsandy_high+0,1GC 9	56.00	49.00	kg/ha	-13%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	188	Estsandy_high+0,1GC 10	56.00	52.00	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	189	Estsandy_high+0,1GC 11	41.00	49.00	kg/ha	20%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	190	Estsandy_high+0,5N 1	49.00	52.00	kg/ha	6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	191	Estsandy_high+0,5N 2	56.00	52.00	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	192	Estsandy_high+0,5N 3	33.00	52.00	kg/ha	58%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	193	Estsandy_high+0,5N 4	40.00	52.00	kg/ha	30%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	194	Estsandy_high+0,5N 5	56.00	52.00	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	195	Estsandy_high+0,5N 6	41.00	52.00	kg/ha	27%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	196	Estsandy_high+CC 1	49.00	46.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	197	Estsandy_high+CC 2	56.00	46.00	kg/ha	-18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	198	Estsandy_high+CC 3	33.00	46.00	kg/ha	39%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	199	Estsandy_high+CC 4	40.00	46.00	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	200	Estsandy_high+CC 5	56.00	46.00	kg/ha	-18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	201	Estsandy_high+CC 6	41.00	46.00	kg/ha	12%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	202	Estsandy_high+CC+straw 1	49.00	44.00	kg/ha	-10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	203	Estsandy_high+CC+straw 2	56.00	44.00	kg/ha	-21%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	204	Estsandy_high+CC+straw 3	33.00	44.00	kg/ha	33%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	205	Estsandy_high+CC+straw 4	40.00	44.00	kg/ha	10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	206	Estsandy_high+CC+straw 5	56.00	44.00	kg/ha	-21%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	207	Estsandy_high+CC+straw 6	41.00	44.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	208	Estsandy_high+straw 1	49.00	53.00	kg/ha	8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	209	Estsandy_high+straw 2	56.00	53.00	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	210	Estsandy_high+straw 3	33.00	53.00	kg/ha	61%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	211	Estsandy_high+straw 4	40.00	53.00	kg/ha	33%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	212	Estsandy_high+straw 5	56.00	53.00	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	213	Estsandy_high+straw 6	41.00	53.00	kg/ha	29%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	214	Estsandy_low 1	56.00	42.00	kg/ha	-25%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	215	Estsandy_low 2	41.00	42.00	kg/ha	2%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	216	Estsandy_low+0,1GC 1	49.00	37.00	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	217	Estsandy_low+0,1GC 2	49.00	38.00	kg/ha	-22%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	218	Estsandy_low+0,1GC 3	56.00	37.00	kg/ha	-34%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	219	Estsandy_low+0,1GC 4	56.00	38.00	kg/ha	-32%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	220	Estsandy_low+0,1GC 5	33.00	37.00	kg/ha	12%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	221	Estsandy_low+0,1GC 6	33.00	38.00	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	222	Estsandy_low+0,1GC 7	40.00	37.00	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	223	Estsandy_low+0,1GC 8	40.00	38.00	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	224	Estsandy_low+0,1GC 9	56.00	37.00	kg/ha	-34%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	225	Estsandy_low+0,1GC 10	56.00	38.00	kg/ha	-32%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	226	Estsandy_low+0,1GC 11	41.00	37.00	kg/ha	-10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	227	Estsandy_low+0,1GC 12	41.00	38.00	kg/ha	-7%	n.a.	=

Water protection	Nitrogen leaching	-	-	Knudsen (2006)	228	Estsandy_low+0,5N 1	49.00	39.00	kg/ha	-20%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	229	Estsandy_low+0,5N 2	56.00	39.00	kg/ha	-30%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	230	Estsandy_low+0,5N 3	33.00	39.00	kg/ha	18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	231	Estsandy_low+0,5N 4	40.00	39.00	kg/ha	-3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	232	Estsandy_low+0,5N 5	56.00	39.00	kg/ha	-30%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	233	Estsandy_low+0,5N 6	41.00	39.00	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	234	Estsandy_low+CC 1	49.00	33.00	kg/ha	-33%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	235	Estsandy_low+CC 2	56.00	33.00	kg/ha	-41%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	236	Estsandy_low+CC 3	33.00	33.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	237	Estsandy_low+CC 4	40.00	33.00	kg/ha	-18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	238	Estsandy_low+CC 5	56.00	33.00	kg/ha	-41%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	239	Estsandy_low+CC 6	41.00	33.00	kg/ha	-20%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	240	Estsandy_low+CC+straw 1	49.00	31.00	kg/ha	-37%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	241	Estsandy_low+CC+straw 2	56.00	31.00	kg/ha	-45%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	242	Estsandy_low+CC+straw 3	33.00	31.00	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	243	Estsandy_low+CC+straw 4	40.00	31.00	kg/ha	-23%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	244	Estsandy_low+CC+straw 5	56.00	31.00	kg/ha	-45%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	245	Estsandy_low+CC+straw 6	41.00	31.00	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	246	Estsandy_low+straw 1	49.00	39.00	kg/ha	-20%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	247	Estsandy_low+straw 2	56.00	39.00	kg/ha	-30%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	248	Estsandy_low+straw 3	33.00	39.00	kg/ha	18%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	249	Estsandy_low+straw 4	40.00	39.00	kg/ha	-3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	250	Estsandy_low+straw 5	56.00	39.00	kg/ha	-30%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	251	Estsandy_low+straw 6	41.00	39.00	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	252	Estsandyloam 1	105.00	36.00	kg/ha	-66%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	253	Estsandyloam 2	144.00	36.00	kg/ha	-75%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	254	Estsandyloam 3	71.00	36.00	kg/ha	-49%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	255	Estsandyloam 4	111.00	36.00	kg/ha	-68%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	256	Estsandyloam_high 1	23.00	24.00	kg/ha	4%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	257	Estsandyloam_high 2	15.00	24.00	kg/ha	60%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	258	Estsandyloam_high+0,1GC 1	18.00	22.00	kg/ha	22%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	259	Estsandyloam_high+0,1GC 2	18.00	23.00	kg/ha	28%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	260	Estsandyloam_high+0,1GC 3	21.00	22.00	kg/ha	5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	261	Estsandyloam_high+0,1GC 4	21.00	23.00	kg/ha	10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	262	Estsandyloam_high+0,1GC 5	10.00	22.00	kg/ha	120%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	263	Estsandyloam_high+0,1GC 6	10.00	23.00	kg/ha	130%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	264	Estsandyloam_high+0,1GC 7	14.00	22.00	kg/ha	57%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	265	Estsandyloam_high+0,1GC 8	14.00	23.00	kg/ha	64%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	266	Estsandyloam_high+0,5N 1	18.00	23.00	kg/ha	28%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	267	Estsandyloam_high+0,5N 2	21.00	23.00	kg/ha	10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	268	Estsandyloam_high+0,5N 3	10.00	23.00	kg/ha	130%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	269	Estsandyloam_high+0,5N 4	14.00	23.00	kg/ha	64%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	270	Estsandyloam_high+CC 1	18.00	16.00	kg/ha	-11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	271	Estsandyloam_high+CC 2	21.00	16.00	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	272	Estsandyloam_high+CC 3	10.00	16.00	kg/ha	60%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	273	Estsandyloam_high+CC 4	14.00	16.00	kg/ha	14%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	274	Estsandyloam_high+CC+straw 1	18.00	15.00	kg/ha	-17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	275	Estsandyloam_high+CC+straw 2	21.00	15.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	276	Estsandyloam_high+CC+straw 3	10.00	15.00	kg/ha	50%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	277	Estsandyloam_high+CC+straw 4	14.00	15.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	278	Estsandyloam_high+straw 1	18.00	22.00	kg/ha	22%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	279	Estsandyloam_high+straw 2	21.00	22.00	kg/ha	5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	280	Estsandyloam_high+straw 3	10.00	22.00	kg/ha	120%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	281	Estsandyloam_high+straw 4	14.00	22.00	kg/ha	57%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	282	Estsandyloam_low 1	23.00	16.00	kg/ha	-30%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	283	Estsandyloam_low 2	15.00	16.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	284	Estsandyloam_low+0,1GC 1	18.00	15.00	kg/ha	-17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	285	Estsandyloam_low+0,1GC 2	18.00	15.00	kg/ha	-17%	n.a.	=

Water protection	Nitrogen leaching	-	-	Knudsen (2006)	286	Estsandyloam_low+0,1GC 3	21.00	15.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	287	Estsandyloam_low+0,1GC 4	21.00	15.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	288	Estsandyloam_low+0,1GC 5	10.00	15.00	kg/ha	50%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	289	Estsandyloam_low+0,1GC 6	10.00	15.00	kg/ha	50%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	290	Estsandyloam_low+0,1GC 7	14.00	15.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	291	Estsandyloam_low+0,1GC 8	14.00	15.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	292	Estsandyloam_low+0,5N 1	18.00	16.00	kg/ha	-11%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	293	Estsandyloam_low+0,5N 2	21.00	16.00	kg/ha	-24%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	294	Estsandyloam_low+0,5N 3	10.00	16.00	kg/ha	60%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	295	Estsandyloam_low+0,5N 4	14.00	16.00	kg/ha	14%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	296	Estsandyloam_low+CC 1	18.00	10.00	kg/ha	-44%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	297	Estsandyloam_low+CC 2	21.00	10.00	kg/ha	-52%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	298	Estsandyloam_low+CC 3	10.00	10.00	kg/ha	0%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	299	Estsandyloam_low+CC 4	14.00	10.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	300	Estsandyloam_low+CC+straw 1	18.00	9.00	kg/ha	-50%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	301	Estsandyloam_low+CC+straw 2	21.00	9.00	kg/ha	-57%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	302	Estsandyloam_low+CC+straw 3	10.00	9.00	kg/ha	-10%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	303	Estsandyloam_low+CC+straw 4	14.00	9.00	kg/ha	-36%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	304	Estsandyloam_low+straw 1	18.00	15.00	kg/ha	-17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	305	Estsandyloam_low+straw 2	21.00	15.00	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	306	Estsandyloam_low+straw 3	10.00	15.00	kg/ha	50%	n.a.	-
Water protection	Nitrogen leaching	-	-	Knudsen (2006)	307	Estsandyloam_low+straw 4	14.00	15.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Korseath (2000)	308	Nitarable 1	32.70	19.30	kg/ha	-41%	sig.	+
Water protection	Nitrogen leaching	-	-	Korseath (2000)	309	Nitarable 2	27.30	19.30	kg/ha	-29%	sig.	+
Water protection	Nitrogen leaching	-	-	Korseath (2000)	310	Nitforage 3	27.60	17.60	kg/ha	-36%	sig.	+
Water protection	Nitrogen leaching	-	-	Korseath (2000)	311	Nitforage 4	16.30	17.60	kg/ha	8%	n.sig.	=
Water protection	Nitrogen leaching	-	-	Korseath (2008)	312	Relarable 1	43.30	31.30	kg/ha	-28%	sig.	+
Water protection	Nitrogen leaching	-	-	Korseath (2008)	313	Relarable 2	24.80	31.30	kg/ha	26%	n.sig.	-
Water protection	Nitrogen leaching	-	-	Korseath (2008)	314	RelMixedDairy_2	20.40	13.60	kg/ha	-33%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Kristensen (2004)	315	ACo_1	29.00	31.00	kg/ha	7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Kristensen (2004)	316	ACo_2	22.00	31.00	kg/ha	41%	n.a.	-
Water protection	Nitrogen leaching	-	-	Kurzer (1999)	317	Nit_	80.00	51.20	kg/ha	-36%	n.a.	+
Water protection	Nitrogen leaching	-	-	Lin (2016)	318	Nit_2009_-2012_arable	54.00	8.00	kg/ha	-85%	n.a.	+
Water protection	Nitrogen leaching	-	-	Lin (2016)	319	Nit_92-2002mixed	44.00	29.00	kg/ha	-34%	n.a.	+
Water protection	Nitrogen leaching	-	-	Miglorini (2014)	320	Agrold2	36.70	-5.90	kg/ha	-116%	sig.	+
Water protection	Nitrogen leaching	-	-	Morari (2012)	321	Nit_Z1-1	14.30	19.40	kg/ha	36%	n.a.	-
Water protection	Nitrogen leaching	-	-	Morari (2012)	322	Nit_Z1-2	16.80	19.40	kg/ha	15%	n.a.	=
Water protection	Nitrogen leaching	-	-	Morari (2012)	323	Nit_Z2-1	21.10	14.40	kg/ha	-32%	n.a.	+
Water protection	Nitrogen leaching	-	-	Morari (2012)	324	Nit_Z2-2	9.90	14.40	kg/ha	45%	n.a.	-
Water protection	Nitrogen leaching	-	-	Nemecek (2011)	325	Lif1_1	50.00	46.30	kg/ha	-7%	n.a.	=
Water protection	Nitrogen leaching	-	-	Nemecek (2011)	326	Lif1_2	50.00	47.10	kg/ha	-6%	n.a.	=
Water protection	Nitrogen leaching	-	-	Nemecek (2011)	327	Lif2_1	70.40	50.40	kg/ha	-28%	n.a.	+
Water protection	Nitrogen leaching	-	-	Nemecek (2011)	328	Lif2_2	70.40	52.30	kg/ha	-26%	n.a.	+
Water protection	Nitrogen leaching	-	-	Neve (2003)	329	Mea	43.47	18.68	kg/ha	-57%	n.a.	+
Water protection	Nitrogen leaching	-	-	Neve (2006)	330	Soiarable	94.40	52.40	kg/ha	-44%	n.a.	+
Water protection	Nitrogen leaching	-	-	Neve (2006)	331	Soipasture	68.20	20.00	kg/ha	-71%	n.a.	+
Water protection	Nitrogen leaching	-	-	Oquist (2007)	332	Inf202002	17.16	6.27	kg/ha	-63%	sig.	+
Water protection	Nitrogen leaching	-	-	Oquist (2007)	333	Inf202003	5.78	2.88	kg/ha	-50%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Oquist (2007)	334	Inf202004	42.95	8.34	kg/ha	-81%	sig.	+
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	335	9995Nitloam 1	16.20	16.80	kg/ha	4%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	336	9995Nitloam 2	20.30	16.80	kg/ha	-17%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	337	9995Nitloam 3	17.30	16.80	kg/ha	-3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	338	9995Nitsand 1	14.90	22.10	kg/ha	48%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	339	9995Nitsand 2	17.60	22.10	kg/ha	26%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ostergaard (2011)	340	9995Nitsand 3	24.30	22.10	kg/ha	-9%	n.a.	=
Water protection	Nitrogen leaching	-	-	Pacini (2003)	341	Evaint_Alberese	32.00	10.60	kg/ha	-67%	n.a.	+
Water protection	Nitrogen leaching	-	-	Pacini (2003)	342	EvaLeRene	25.80	10.80	kg/ha	-58%	n.a.	+
Water protection	Nitrogen leaching	-	-	Pacini (2003)	343	EvaSereni	28.30	17.10	kg/ha	-40%	n.a.	+

Water protection	Nitrogen leaching	-	-	Schindler (1999)	344	Nit	29.00	37.00	kg/ha	28%	n.a.	-
Water protection	Nitrogen leaching	-	-	Schmid (2015)	345	Klicatchcrop	49.50	12.00	kg/ha	-76%	n.a.	+
Water protection	Nitrogen leaching	-	-	Schmid (2015)	346	Klidairy/catchcrop	36.00	22.00	kg/ha	-39%	n.a.	+
Water protection	Nitrogen leaching	-	-	Seeger (2011)	347	19997RedPot 1	48.70	106.60	kg/ha	119%	n.a.	-
Water protection	Nitrogen leaching	-	-	Seeger (2011)	348	19997RedPot 2	66.90	106.60	kg/ha	59%	n.a.	-
Water protection	Nitrogen leaching	-	-	Sileika (2003)	349	Drasoiltype_1	18.74	22.80	kg/ha	22%	n.a.	-
Water protection	Nitrogen leaching	-	-	Sileika (2003)	350	Drasoiltype_2	22.80	14.22	kg/ha	-38%	n.a.	+
Water protection	Nitrogen leaching	-	-	Snapp (2010)	351	Man6species	65.88	41.92	kg/ha	-36%	n.a.	+
Water protection	Nitrogen leaching	-	-	Snapp (2010)	352	Manbiculture	73.37	31.12	kg/ha	-58%	n.a.	+
Water protection	Nitrogen leaching	-	-	Stopes (2002)	353	Nitarable/arable	116.50	163.50	kg/ha	40%	n.a.	-
Water protection	Nitrogen leaching	-	-	Stopes (2002)	354	Nitarable/ley	57.00	36.00	kg/ha	-37%	n.a.	+
Water protection	Nitrogen leaching	-	-	Stopes (2002)	355	Nitbreakcrop	55.40	139.40	kg/ha	152%	n.a.	-
Water protection	Nitrogen leaching	-	-	Stopes (2002)	356	Nitgras	43.90	45.10	kg/ha	3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Stopes (2002)	357	Nitley/arable	37.00	82.00	kg/ha	122%	n.a.	-
Water protection	Nitrogen leaching	-	-	Stopes (2002)	358	Nitley/ley	39.00	11.00	kg/ha	-72%	n.a.	+
Water protection	Nitrogen leaching	-	-	Stopes (2002)	359	Nitothercereals	59.00	24.10	kg/ha	-59%	n.a.	+
Water protection	Nitrogen leaching	-	-	Stopes (2002)	360	NitWW	47.40	45.10	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Syswerda (2012)	361	Lon 1	62.30	19.00	kg/ha	-70%	sig.	+
Water protection	Nitrogen leaching	-	-	Syswerda (2012)	362	Lon 2	41.70	19.00	kg/ha	-54%	sig.	+
Water protection	Nitrogen leaching	-	-	Syswerda (2012)	363	Lon 3	24.30	19.00	kg/ha	-22%	sig.	+
Water protection	Nitrogen leaching	-	-	Thomassen (2008)	364	Lifdairy	64.20	21.10	kg/ha	-67%	n.a.	+
Water protection	Nitrogen leaching	-	-	Torstensson (2006)	365	Nut_OAM 1	38.00	39.00	kg/ha	3%	n.a.	=
Water protection	Nitrogen leaching	-	-	Torstensson (2006)	366	Nut_OAM 2	25.00	39.00	kg/ha	56%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ulén (2005)	367	PhoLivestock 1	10.00	9.20	kg/ha	-8%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ulén (2005)	368	PhoLivestock 2	6.70	9.20	kg/ha	37%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ulén (2005)	369	PhoLivestock 3	9.70	9.20	kg/ha	-5%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ulén (2005)	370	PhoLivestock 4	18.10	9.20	kg/ha	-49%	n.a.	+
Water protection	Nitrogen leaching	-	-	Ulén (2005)	371	PhoLivestock 5	12.90	9.20	kg/ha	-29%	n.a.	+
Water protection	Nitrogen leaching	-	-	Ulén (2005)	372	PhoStockless 1	10.00	17.90	kg/ha	79%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ulén (2005)	373	PhoStockless 2	6.70	17.90	kg/ha	167%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ulén (2005)	374	PhoStockless 3	9.70	17.90	kg/ha	85%	n.a.	-
Water protection	Nitrogen leaching	-	-	Ulén (2005)	375	PhoStockless 4	18.10	17.90	kg/ha	-1%	n.a.	=
Water protection	Nitrogen leaching	-	-	Ulén (2005)	376	PhoStockless 5	12.90	17.90	kg/ha	39%	n.a.	-
Water protection	Nitrogen leaching	-	-	Veysset (2014)	377	Mix 1	31.00	-10.00	kg/ha	-132%	sig.	+
Water protection	Nitrogen leaching	-	-	Veysset (2014)	378	Mix 2	32.00	-10.00	kg/ha	-131%	sig.	+
Water protection	Nitrogen leaching	-	-	Veysset (2014)	379	Mix 3	41.00	-10.00	kg/ha	-124%	sig.	+
Water protection	Nitrogen leaching	-	-	Werft (2009)	380	Ano	305.26	138.66	kg/ha	-55%	n.sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	381	Quadry_1	45.80	32.40	kg/ha	-29%	sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	382	Quadry_2	40.90	24.70	kg/ha	-40%	sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	383	Quadry_3	27.10	13.10	kg/ha	-52%	sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	384	Quawet_1	52.30	45.20	kg/ha	-14%	sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	385	Quawet_2	50.20	40.40	kg/ha	-20%	sig.	+
Water protection	Nitrogen leaching	-	-	Wurbs (2000)	386	Quawet_3	42.40	23.50	kg/ha	-45%	sig.	+
Water protection	Pesticide load	-	-	Basset-Mens und van der Werf (2005)	387	kon (RL)/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Basset-Mens und van der Werf (2005)	388	kon (RL)/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Basset-Mens und van der Werf (2005)	389	kon 1 (GAP)/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Basset-Mens und van der Werf. (2005)	390	kon 1 (GAP)/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	391	kon intensiv/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	392	kon intensiv/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	393	kon intensiv/öko 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	394	kon medium/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	395	kon medium/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Flyjö (2004)	396	kon medium/öko 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Cederberg und Mattsson (2000)	397	kon/öko	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Hossard et al. (2016)	398	EUWeizen kon/öko	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Hossard et al. (2016)	399	USAMais kon/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Hossard et al. (2016)	400	USAMais kon/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Hossard et al. (2016)	401	USAMais kon/öko 3	:	:	:	:	n.a.	+

Water protection	Pesticide load	-	-	Magbanua et al. (2010)	402	int/öko 1	:	:	:	:	n.sig.	=
Water protection	Pesticide load	-	-	Magbanua et al. (2010)	403	int/öko 2	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Magbanua et al. (2010)	404	int/öko 3	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Magbanua et al. (2010)	405	kon/öko 1	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Magbanua et al. (2010)	406	kon/öko 2	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Magbanua et al. (2010)	407	kon/öko 3	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Nemecek et al. (2011)	408	Lif1_1	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Nemecek et al. (2011)	409	Lif1_2	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Nemecek et al. (2011)	410	Lif2_1	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Nemecek et al. (2011)	411	Lif2_2	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Pacini et al. (2003)	412	int/öko Alberese	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pacini et al. (2003)	413	La Rennekon/öko	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pacini et al. (2003)	414	Serenikon/öko	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pimentel et al. (2005)	415	kon/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pimentel et al. (2005)	416	kon/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pimentel et al. (2005)	417	kon/öko 2 (Legu.) 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Pimentel et al. (2005)	418	kon/öko 2 (Legu.) 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	419	int/öko 1	:	:	:	:	n.sig.	=
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	420	int/öko 2	:	:	:	:	n.sig.	-
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	421	int/öko 3	:	:	:	:	n.sig.	-
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	422	int/öko 4	:	:	:	:	n.sig.	-
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	423	kon/ öko 1	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	424	kon/ öko 2	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	425	kon/ öko 3	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Shahpoury et al. (2013)	426	kon/ öko 4	:	:	:	:	sig.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	427	kon BMP,CT/öko COS 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	428	kon BMP,CT/öko COS 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	429	kon BMP,CT/öko COS 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	430	kon BMP,CT/öko COS 4	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	431	kon BMP,CT/öko COS 5	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	432	kon BMP,NT/öko COS 6	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	433	kon BMP,NT/öko COS 7	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	434	kon BMP,NT/öko COS 8	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	435	kon BMP,NT/öko COS 9	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	436	kon BMP,NT/öko COS 10	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	437	kon CAS/öko COS 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	438	kon CAS/öko COS 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	439	kon CAS/öko COS 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	440	kon CAS/öko COS 4	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	Sydorovych et al. (2009)	441	kon CAS/öko COS 5	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	442	kon (GAP)/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	443	kon (GAP)/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	444	kon (GAP)/öko 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	445	kon (RL)/öko 1	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	446	kon (RL)/öko 2	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2007)	447	kon (RL)/öko 3	:	:	:	:	n.a.	+
Water protection	Pesticide load	-	-	van der Werf et al. (2009)	448	kon/öko 4	:	:	:	:	sig.	+
Soil conservation	Earthworm abundance	-	-	Bavec et al. (2011)	449	-	45.00	89.64	ind./m2	99%	sig.	+
Soil conservation	Earthworm abundance	-	-	Birkhofer et al. (2008)	450	-	63.40	140.00	ind./m2	121%	sig.	+
Soil conservation	Earthworm abundance	-	-	Brown et al. (1999)	451	June	36.00	49.00	ind./m2	36%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Brown et al. (1999)	452	March	11.00	24.00	ind./m2	118%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Büchs et al. (2012)	453	Raps Apr 2011	56.00	48.00	ind./m2	-14%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Büchs et al. (2012)	454	Raps Okt 2010	60.00	59.00	ind./m2	-2%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Büchs et al. (2012)	455	WW Herbst 2011	76.00	66.00	ind./m2	-13%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	456	-	45.30	196.10	ind./m2	333%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	457	Field A, MP, autumn 09	95.00	389.00	ind./m2	309%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	458	Field A, MP, autumn 1	192.00	841.00	ind./m2	338%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	459	Field A, MP, autumn 10	279.00	357.00	ind./m2	28%	n.a.	+

Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	460	Field A, MP, spring 09	41.00	375.00	ind./m2	815%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	461	Field A, MP, spring 11	29.00	75.00	ind./m2	159%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	462	Field A, MP, spring 12	143.00	543.00	ind./m2	280%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	463	Field A, MT, autumn 09	110.00	415.00	ind./m2	277%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	464	Field A, MT, autumn 10	208.00	159.00	ind./m2	-24%	n.a.	-
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	465	Field A, MT, autumn 11	245.00	560.00	ind./m2	129%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	466	Field A, MT, spring 09	68.00	195.00	ind./m2	187%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	467	Field A, MT, spring 11	60.00	28.00	ind./m2	-53%	n.a.	-
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	468	Field A, MT, spring 12	188.00	557.00	ind./m2	196%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	469	Field A, NIT, autumn 09	169.00	289.00	ind./m2	71%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	470	Field A, NIT, autumn 10	358.00	104.00	ind./m2	-71%	n.a.	-
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	471	Field A, NIT, autumn 11	127.00	555.00	ind./m2	337%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	472	Field A, NIT, spring 09	38.00	236.00	ind./m2	521%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	473	Field A, NIT, spring 11	61.00	21.00	ind./m2	-66%	n.a.	-
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	474	Field A, NIT, spring 12	204.00	446.00	ind./m2	119%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	475	Field B, MP nachher	45.00	94.00	ind./m2	109%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	476	Field B, MP vorher	512.00	585.00	ind./m2	14%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	477	Field B, NIT nachher	301.00	963.00	ind./m2	220%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Crittenden (2014)	478	Field B, NIT vorher	420.00	1243.00	ind./m2	196%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Czarnecki & Paprocki (1997)	479	soil 1 1993	20.10	3.90	ind./m2	-81%	sig.	-
Soil conservation	Earthworm abundance	-	-	Czarnecki & Paprocki (1997)	480	soil 1 1994	20.80	24.30	ind./m2	17%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Czarnecki & Paprocki (1997)	481	soil 2 1993	14.80	5.30	ind./m2	-64%	n.sig.	-
Soil conservation	Earthworm abundance	-	-	Czarnecki & Paprocki (1997)	482	soil 2 1994	27.30	22.50	ind./m2	-18%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Czarnecki & Paprocki (1997)	483	soil 3 1993	16.90	15.30	ind./m2	-9%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Dubois et al. (2003)	484	MW 5 Jahre	134.00	177.00	ind./m2	32%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Foissner (1992)	485	on-farm, wheat	77.00	67.00	ind./m2	-13%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Gabriel et al. (2013)	486	-	2.10	3.20	ind./m2	52%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hartmann et al. (2009)	487	on-farm, Vergleichsschläge 1	93.00	154.00	ind./m2	66%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hartmann et al. (2009)	488	on-farm, Vergleichsschläge 2	104.00	119.00	ind./m2	14%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hartmann et al. (2009)	489	on-farm, Vergleichsschläge 3	86.00	136.00	ind./m2	58%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hartmann et al. (2009)	490	on-farm, Vergleichsschläge 4	97.00	125.00	ind./m2	29%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Henneron et al. (2014)	491	long-term	108.00	495.00	ind./m2	358%	sig.	+
Soil conservation	Earthworm abundance	-	-	Hoyer (2007)	492	Fläche 1	65.00	273.00	ind./m2	320%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hoyer (2007)	493	Fläche 2	78.00	163.00	ind./m2	109%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Hoyer (2007)	494	Fläche 3	65.00	120.00	ind./m2	85%	n.a.	+
Soil conservation	Earthworm abundance	-	-	Jossi (2007)	495	Mw 7 Erhebungen	190.10	246.90	ind./m2	30%	sig.	+
Soil conservation	Earthworm abundance	-	-	Jossi (2011)	496	Raps	305.30	322.50	ind./m2	6%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Jossi (2011)	497	Silomais	437.00	386.10	ind./m2	-12%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Lehocka 2008	498	-	34.00	39.00	ind./m2	15%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Nuutinen & Haukka (1990)	499	A1 vs. D2	23.00	92.00	ind./m2	300%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	500	2005	117.50	103.80	ind./m2	-12%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	501	2006	193.20	188.80	ind./m2	-2%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	502	2007	135.70	74.50	ind./m2	-45%	sig.	-
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	503	2011	157.50	255.70	ind./m2	62%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	504	2012	293.20	574.40	ind./m2	96%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pelosi (2015)	505	2013	196.30	393.80	ind./m2	101%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pfiffner & Luka (2007)	506	on-farm	139.00	218.00	ind./m2	57%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pfiffner & Mäder 1997	507	beetroot 90	142.30	284.50	ind./m2	100%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pfiffner & Mäder 1997	508	beetroot 91	147.10	648.30	ind./m2	341%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pfiffner & Mäder 1997	509	potato 92	137.40	436.50	ind./m2	218%	sig.	+
Soil conservation	Earthworm abundance	-	-	Pfiffner & Mäder 1997	510	wheat 91	105.10	352.40	ind./m2	235%	sig.	+
Soil conservation	Earthworm abundance	-	-	Scullion et al. 2002	511	cereal 1, spring 1998	126.00	328.00	ind./m2	160%	n.sig.	+
Soil conservation	Earthworm abundance	-	-	Scullion et al. 2002	512	cereal 2, spring 1998	194.00	405.00	ind./m2	109%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Dao et al. (2015)	513	CT vs. ORG-6.1	11.20	11.30	-	1%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	Dao et al. (2015)	514	CT vs. ORG-6.2	17.30	36.20	-	109%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Dao et al. (2015)	515	CT vs. ORG-6.3	39.90	68.90	-	73%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Gosling & Shepherd 2005	516	ext P	212.75	141.00	-	-34%	n.sig.	-
Soil conservation	Nutrient availability	Phosphorous	-	Hartmann et al. (2009)	517	on-farm, Vergleichsschläge 1	7.48	7.04	-	-6%	n.a.	=

Soil conservation	Nutrient availability	Phosphorous	-	Hartmann et al. (2009)	518	on-farm, Vergleichsschläge 2	2.64	2.64	-	0%	n.a.	=
Soil conservation	Nutrient availability	Phosphorous	-	Hartmann et al. (2009)	519	on-farm, Vergleichsschläge 3	7.92	4.84	-	-39%	n.a.	-
Soil conservation	Nutrient availability	Phosphorous	-	Hartmann et al. (2009)	520	on-farm, Vergleichsschläge 4	11.88	22.88	-	93%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Hartmann et al. (2009)	521	on-farm, Vergleichsschläge 5	3.52	5.28	-	50%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Keller et al. 2012	522	P total	785.00	681.00	-	-13%	sig.	-
Soil conservation	Nutrient availability	Phosphorous	-	Keller et al. 2012	523	Pinorg total	411.00	297.00	-	-28%	sig.	-
Soil conservation	Nutrient availability	Phosphorous	-	Keller et al. 2012	524	Porg otal	374.00	384.00	-	3%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	Korsaeth (2012)	525	1996	53.80	37.50	-	-30%	n.a.	-
Soil conservation	Nutrient availability	Phosphorous	-	Korsaeth (2012)	526	2009	71.00	30.00	-	-58%	n.a.	-
Soil conservation	Nutrient availability	Phosphorous	-	Mäder et al. 2007	527	CRP1 (77-84)	1.16	1.81	-	56%	n.sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Mäder et al. 2007	528	CRP2 (84-91)	0.96	1.06	-	10%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	Mäder et al. 2007	529	CRP3 (91-98)	1.23	1.01	-	-18%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	Munro et al. (2002)	530	on-farm, 14 Betriebe	65.00	73.00	-	12%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Oberson et al. (1993)	531	78-90 1	19.10	20.80	-	9%	n.a.	=
Soil conservation	Nutrient availability	Phosphorous	-	Oberson et al. (1993)	532	78-90 2	0.99	1.45	-	46%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Quirin et sl. 2006	533	on-farm, 314 Ackerschläge	7.57	5.10	-	-33%	sig.	-
Soil conservation	Nutrient availability	Phosphorous	-	Schjoenning et al. (2002)	534	On-farm, Betriebe Group 1	50.00	8.00	-	-84%	n.a.	-
Soil conservation	Nutrient availability	Phosphorous	-	Schjoenning et al. (2002)	535	On-farm, Betriebe Group 2	47.00	39.00	-	-17%	n.a.	=
Soil conservation	Nutrient availability	Phosphorous	-	Snapp et al. 2010	536	biculture maize	21.90	53.40	-	144%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Snapp et al. 2010	537	monoculture maize	29.80	50.90	-	71%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Snapp et al. 2010	538	six species	28.00	40.70	-	45%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	Snapp et al. 2010	539	triculture maize	25.40	44.10	-	74%	sig.	+
Soil conservation	Nutrient availability	Phosphorous	-	van Diepeningen et al. 2006	540	Ptot 1	868.60	899.80	-	4%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	van Diepeningen et al. 2006	541	Ptot 2	784.70	781.30	-	0%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	van Leeuwen et al. 2015	542	Kartoffel-FF	180.77	164.88	-	-9%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	van Leeuwen et al. 2015	543	Weizen-FF	124.17	123.07	-	-1%	n.sig.	=
Soil conservation	Nutrient availability	Phosphorous	-	Wortman et al. (2011)	544	CRP1 (96-00), CR vs. OAM	34.00	120.00	-	253%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Wortman et al. (2011)	545	CRP2 (00-04), CR vs. OAM	20.00	164.00	-	720%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Wortman et al. (2011)	546	CRP3 (04-08), CR vs. OAM	13.00	164.00	-	1162%	n.a.	+
Soil conservation	Nutrient availability	Phosphorous	-	Wortman et al. (2011)	547	End old CRP (96)	28.00	71.00	-	154%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Armstrong et al. (2000)	548	Pair pH 1	7.13	7.29	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Aronsson et al. (2007)	549	Pair pH 1	7.10	6.70	pH	-6%	n.sig.	-
Soil conservation	Nutrient availability	Soil pH	-	Birkhofer et al. (2008)	550	-	4.56	5.42	pH	19%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	551	-	6.80	5.80	pH	-15%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	552	soil 1 1993	5.10	6.80	pH	33%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	553	soil 1 1994	5.10	6.60	pH	29%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	554	soil 2 1993	7.00	6.90	pH	-1%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	555	soil 2 1994	6.40	6.50	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Czarnecki & Paprocki (1997)	556	soil 3 1993	7.40	6.10	pH	-18%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Esperschütz et al. (2007)	557	Pair pH 1	6.09	6.57	pH	8%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Fließbach et al. (2007)	558	Pair pH 1	6.17	6.34	pH	3%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Fließbach et al. (2007)	559	Pair pH 2	6.18	6.35	pH	3%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Fließbach et al. (2007)	560	Pair pH 3	5.85	6.33	pH	8%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Gajda & Martyniuk (2005)	561	Pair pH 1	7.00	6.60	pH	-6%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Gajda & Martyniuk (2005)	562	Pair pH 2	6.80	6.40	pH	-6%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Gosling & shepherd (2005)	563	Pair pH 1	7.46	6.90	pH	-8%	sig.	-
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	564	Pair pH 1	6.10	6.70	pH	10%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	565	Pair pH 10	6.00	6.40	pH	7%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	566	Pair pH 11	5.90	6.40	pH	8%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	567	Pair pH 2	6.00	6.50	pH	8%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	568	Pair pH 3	6.10	6.40	pH	5%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	569	Pair pH 4	6.00	6.50	pH	8%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	570	Pair pH 5	6.20	6.50	pH	5%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	571	Pair pH 6	6.30	6.60	pH	5%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	572	Pair pH 7	6.10	6.60	pH	8%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	573	Pair pH 8	6.20	6.50	pH	5%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Gruber & Thamm (2004)	574	Pair pH 9	6.10	6.10	pH	0%	n.a.	=
Soil conservation	Nutrient availability	Soil pH	-	Hartmann et al. (2009)	575	on-farm, Vergleichsschläge 1	6.70	6.60	pH	-1%	n.a.	-

Soil conservation	Nutrient availability	Soil pH	-	Hartmann et al. (2009)	576	on-farm, Vergleichsschläge 2	5.10	5.90	pH	16%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Hartmann et al. (2009)	577	on-farm, Vergleichsschläge 3	6.80	7.00	pH	3%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Hartmann et al. (2009)	578	on-farm, Vergleichsschläge 4	7.10	6.90	pH	-3%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Hartmann et al. (2009)	579	on-farm, Vergleichsschläge 5	6.90	7.10	pH	3%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Heinze et al. (2010)	580	Pair pH 1	6.40	6.70	pH	5%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Henneron et al. (2014)	581	long-term	6.61	7.00	pH	6%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Honegger et al. (2014)	582	Pair pH 1	6.70	6.80	pH	1%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Lehocka (2008)	583	Pair pH 1	6.68	6.73	pH	1%	n.sig.	=
Soil conservation	Nutrient availability	Soil pH	-	Liebig & Doran (1999)	584	Pair pH 1	5.93	6.25	pH	5%	n.sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Liebig & Doran (1999)	585	Pair pH 2	4.96	6.46	pH	30%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Liebig & Doran (1999)	586	Pair pH 3	6.12	6.59	pH	8%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Liebig & Doran (1999)	587	Pair pH 4	7.50	7.37	pH	-2%	n.sig.	-
Soil conservation	Nutrient availability	Soil pH	-	Liebig & Doran (1999)	588	Pair pH 5	6.60	7.07	pH	7%	n.sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	589	Pair pH 1	6.00	6.10	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	590	Pair pH 2	6.70	6.90	pH	3%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	591	Pair pH 3	6.20	6.20	pH	0%	n.a.	=
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	592	Pair pH 4	6.30	6.90	pH	10%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	593	Pair pH 5	6.20	6.10	pH	-2%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Marriot & Wander (2006)	594	Pair pH 6	6.50	6.60	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Munro et al. (2002)	595	on-farm, 14 Betriebe	6.72	6.90	pH	3%	n.sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Oberson et al. (2007)	596	Pair pH 1	6.30	6.40	pH	2%	n.sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Oehl et al. (2002)	597	Pair pH 1	6.20	6.60	pH	6%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Orr et al. (2011)	598	Pair pH 1	6.11	6.26	pH	2%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	Petersen et al. (1997)	599	Pair pH 1	6.20	5.83	pH	-6%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Pfiffner & Luka (2007)	600	Pair pH 1	6.25	6.00	pH	-4%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Pfiffner & Luka (2007)	601	Pair pH 2	6.75	6.45	pH	-4%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Pfiffner & Luka (2007)	602	Pair pH 3	5.55	6.10	pH	10%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Pulleman et al. (2003)	603	Pair pH 1	8.20	8.40	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Pulleman et al. (2003)	604	Pair pH 2	8.30	8.50	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Schoenning et al. (2002)	605	On-farm, Betriebe Group 1	6.55	6.70	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Schoenning et al. (2002)	606	On-farm, Betriebe Group 2	7.10	6.70	pH	-6%	n.a.	-
Soil conservation	Nutrient availability	Soil pH	-	Schoenning et al. (2002)	607	On-farm, Betriebe Group 3	6.10	6.20	pH	2%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Tein et al. (2014)	608	Pair pH 1	5.80	6.10	pH	5%	sig.	+
Soil conservation	Nutrient availability	Soil pH	-	van Diepeningen et al. (2006)	609	Ptot 1	7.39	7.32	pH	-1%	sig.	-
Soil conservation	Nutrient availability	Soil pH	-	van Diepeningen et al. (2006)	610	Ptot 2	5.46	5.38	pH	-1%	n.sig.	-
Soil conservation	Nutrient availability	Soil pH	-	van Leeuwen et al. (2015)	611	Kartoffel-FF	7.92	7.95	pH	0%	n.sig.	=
Soil conservation	Nutrient availability	Soil pH	-	van Leeuwen et al. (2015)	612	Weizen-FF	8.04	8.12	pH	1%	n.sig.	=
Soil conservation	Nutrient availability	Soil pH	-	Wichern et al. (2015)	613	Pair pH 1	5.70	6.90	pH	21%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Williams & Hedland (2013)	614	Pair pH 1	5.60	5.30	pH	-5%	n.sig.	-
Soil conservation	Nutrient availability	Soil pH	-	Wortman et al. (2011)	615	CRP1 (96-00), CR vs. OAM	6.38	7.03	pH	10%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Wortman et al. (2011)	616	CRP2 (00-04), CR vs. OAM	6.23	7.19	pH	15%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Wortman et al. (2011)	617	CRP3 (04-08), CR vs. OAM	6.06	7.12	pH	17%	n.a.	+
Soil conservation	Nutrient availability	Soil pH	-	Wortman et al. (2011)	618	End old CRP (96)	5.91	7.22	pH	22%	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Agostinho et al. (2008)	619	Duas Cachoeiras/Santa Helena	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Agostinho et al. (2008)	620	Duas Cachoeiras/Tres Lagos	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Arnhold et al. (2014)	621	Bean	:	:	:	:	n.a.	=
Soil conservation	Soil erosion	Soil loss	-	Arnhold et al. (2014)	622	Potato	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Arnhold et al. (2014)	623	Radish	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Auerswald et al. (2003)	624	Farm	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Auerswald et al. (2003)	625	Regional	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Auerswald et al. (2006)	626	org/conv	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Auerswald et al. (2018)	627	org/conv	:	:	:	:	sig.	+
Soil conservation	Soil erosion	Soil loss	-	Eltun et al. (2002)	628	A ECO/CON	:	:	:	:	sig.	+
Soil conservation	Soil erosion	Soil loss	-	Eltun et al. (2002)	629	A ECO/INT	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Eltun et al. (2002)	630	F ECO/CON	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Eltun et al. (2002)	631	F ECO/INT	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Green et al. (2005)	632	ORG/CT	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Green et al. (2005)	633	ORG/NT	:	:	:	:	n.a.	-

Soil conservation	Soil erosion	Soil loss	-	Haulon et al. (2007)	634	D/C	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Haulon et al. (2007)	635	D/E	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Haulon et al. (2007)	636	R	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Kirchhoff et al. (2017)	637	org/conv	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Kuhn et al. (2012b)	638	A	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Kuhn et al. (2012b)	639	B	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Moriondo et al. (2010)	640	B-BB/MG	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Moriondo et al. (2010)	641	B-BB/MS-B-R-3A	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Moriondo et al. (2010)	642	MS-B-BB-B-3A/MG	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Moriondo et al. (2010)	643	MS-B-BB-B-3A/MS-B-R-3A	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Pacini et al. (2003)	644	Base	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Pacini et al. (2003)	645	CAP	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Pacini et al. (2003)	646	Le Rene	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Pacini et al. (2003)	647	Sereni	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Ramos et al. (2014)	648	org/conv	:	:	:	:	n.sig.	+
Soil conservation	Soil erosion	Soil loss	-	Reganold et al. (1987)	649	Organic/Conv	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Rotz et al. (2007)	650	Org Crop/Conv confined	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Rotz et al. (2007)	651	Org Crop/Conv Grazing	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Rotz et al. (2007)	652	Org Grass/Conv confined	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Rotz et al. (2007)	653	Org Grass/Conv Grazing	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Soil loss	-	Siegrist et al. (1998)	654	D/C	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Soil loss	-	Siegrist et al. (1998)	655	O/C	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Surface Runoff	-	Evanylo et al. (2008)	656	AC/F	:	:	:	:	n.sig.	+
Soil conservation	Soil erosion	Surface Runoff	-	Evanylo et al. (2008)	657	PL/F	:	:	:	:	n.sig.	+
Soil conservation	Soil erosion	Surface Runoff	-	Green et al. (2005)	658	ORG/CT	:	:	:	:	n.a.	=
Soil conservation	Soil erosion	Surface Runoff	-	Green et al. (2005)	659	ORG/NT	:	:	:	:	n.a.	=
Soil conservation	Soil erosion	Surface Runoff	-	Haulon et al. (2007)	660	D/C	:	:	:	:	n.a.	-
Soil conservation	Soil erosion	Surface Runoff	-	Haulon et al. (2007)	661	D/E	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Haulon et al. (2007)	662	R	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Joyce et al. (2002)	663	ORG/CONV4	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Joyce et al. (2002)	664	ORG/LOW	:	:	:	:	n.sig.	-
Soil conservation	Soil erosion	Surface Runoff	-	Kirchhoff et al. (2017)	665	org/conv	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Kuhn et al. (2012a)	666	HH	:	:	:	:	n.a.	=
Soil conservation	Soil erosion	Surface Runoff	-	Kuhn et al. (2012a)	667	HL	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Kuhn et al. (2012a)	668	LL	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Larsen et al. (2014)	669	CT	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Larsen et al. (2014)	670	NT	:	:	:	:	n.a.	+
Soil conservation	Soil erosion	Surface Runoff	-	Ramos et al. (2014)	671	org/conv	:	:	:	:	n.sig.	+
Soil conservation	Soil erosion	Surface Runoff	-	Zeiger et al. (2009)	672	OOF/CF	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Beyer (1991)	673	Parabraunerde	:	:	:	:	n.a.	-
Soil conservation	Water regulation	Aggregate stability	-	Beyer (1991)	674	Podsol	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Crittenden et al. (2015)	675	MP Org A/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Crittenden et al. (2015)	676	MP Org B/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Crittenden et al. (2015)	677	NIT Org A/Conv A	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Aggregate stability	-	Crittenden et al. (2015)	678	NIT Org B/Conv A	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Aggregate stability	-	Green et al. (2005)	679	ORG/CT	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Aggregate stability	-	Green et al. (2005)	680	ORG/NT	:	:	:	:	sig.	-
Soil conservation	Water regulation	Aggregate stability	-	Hathaway-Jenkins et al. (2011)	681	Arable	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Hathaway-Jenkins et al. (2011)	682	Grassland	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Aggregate stability	-	Haulon et al. (2007)	683	D/C	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Haulon et al. (2007)	684	D/E	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Haulon et al. (2007)	685	R	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Hondebrink et al. (2017)	686	DRP	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Hondebrink et al. (2017)	687	FLD	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Kuhn et al. (2012a)	688	org/conv	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Kuhn et al. (2012b)	689	org-conv	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2009)	690	Bugdale/Home	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2009)	691	Bugdale/Wether	:	:	:	:	n.a.	+

Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2009)	692	Malton/Home	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2009)	693	Malton/Wether	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2014)	694	High Mowthorpe	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2014)	695	Terrington	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Papadopoulos et al. (2014)	696	Tulloch	:	:	:	:	n.a.	-
Soil conservation	Water regulation	Aggregate stability	-	Ramos et al. (2014)	697	org/conv	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Roper et al. (2017)	698	CTO/CTC	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Roper et al. (2017)	699	CTO1/CTC	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Aggregate stability	-	Roper et al. (2017)	700	CTO2/CTC	:	:	:	:	n.a.	-
Soil conservation	Water regulation	Aggregate stability	-	Roper et al. (2017)	701	NTO/NTC	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Siegrist et al. (1998)	702	D/C	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Siegrist et al. (1998)	703	D/M	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Aggregate stability	-	Siegrist et al. (1998)	704	O/C	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Siegrist et al. (1998)	705	O/M	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2009)	706	ORG/CAR	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2009)	707	ORG/CBIO	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2017)	708	OAM/CR1	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2017)	709	OAM/DIR	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2017)	710	OGM/CR1	:	:	:	:	sig.	+
Soil conservation	Water regulation	Aggregate stability	-	Williams et al. (2017)	711	OGM/DIR	:	:	:	:	n.a.	-
Soil conservation	Water regulation	Aggregate stability	-	Zeiger et al. (2009)	712	OOF/CF	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Bulk density	-	Droogers et al. (1996)	713	L/R	:	:	:	:	sig.	+
Soil conservation	Water regulation	Bulk density	-	Evanylo et al. (2008)	714	AC/F	:	:	:	:	sig.	+
Soil conservation	Water regulation	Bulk density	-	Evanylo et al. (2008)	715	PL/F	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Bulk density	-	Green et al. (2005)	716	ORG/CT	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Bulk density	-	Green et al. (2005)	717	ORG/NT	:	:	:	:	sig.	-
Soil conservation	Water regulation	Bulk density	-	Hondebrink et al. (2017)	718	DRP	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Bulk density	-	Hondebrink et al. (2017)	719	FLD	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Bulk density	-	Papadopoulos et al. (2014)	720	High Mowthorpe	:	:	:	:	n.sig.	-
Soil conservation	Water regulation	Bulk density	-	Papadopoulos et al. (2014)	721	Terrington	:	:	:	:	sig.	+
Soil conservation	Water regulation	Bulk density	-	Papadopoulos et al. (2014)	722	Tulloch	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Bulk density	-	Reganold et al. (1987)	723	Organic/Conv	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Bulk density	-	Vogeler et al. (2006)	724	org/conv	:	:	:	:	sig.	+
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2009)	725	ORG/CAR	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2009)	726	ORG/CBIO	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2017)	727	OAM/CR1	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2017)	728	OAM/DIR	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2017)	729	OGM/CR1	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Bulk density	-	Williams et al. (2017)	730	OGM/DIR	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Colla et al. (2000)	731	ORG/CONV2	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Colla et al. (2000)	732	ORG/CONV4	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Colla et al. (2000)	733	ORG/LOW	:	:	:	:	n.a.	=
Soil conservation	Water regulation	Infiltration rate	-	Crittenden et al. (2015)	734	MP Org A/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Crittenden et al. (2015)	735	MP Org B/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Crittenden et al. (2015)	736	NIT Org A/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Crittenden et al. (2015)	737	NIT Org B/Conv A	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Droogers et al. (1996)	738	L/R	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Evanylo et al. (2008)	739	AC/F	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Evanylo et al. (2008)	740	PL/F	:	:	:	:	n.sig.	=
Soil conservation	Water regulation	Infiltration rate	-	Fueki et al. (2012)	741	OR/CO	:	:	:	:	sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Hathaway-Jenkins et al. (2011)	742	Arable	:	:	:	:	n.a.	-
Soil conservation	Water regulation	Infiltration rate	-	Hathaway-Jenkins et al. (2011)	743	Grassland	:	:	:	:	sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Kirchhoff et al. (2017)	744	org/conv	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Vogeler et al. (2006)	745	org/conv	:	:	:	:	n.a.	+
Soil conservation	Water regulation	Infiltration rate	-	Williams et al. (2017)	746	OAM/CR1	:	:	:	:	sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Williams et al. (2017)	747	OAM/DIR	:	:	:	:	n.sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Williams et al. (2017)	748	OGM/CR1	:	:	:	:	sig.	+
Soil conservation	Water regulation	Infiltration rate	-	Williams et al. (2017)	749	OGM/DIR	:	:	:	:	n.sig.	+

Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	750	BB: Pflug / 10 cm / org a	0.81	0.55	:	-32%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	751	BB: Pflug / 10 cm / org b	0.81	0.40	:	-50%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	752	BB: Pflug / 20 cm / org a	0.77	0.82	:	7%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	753	BB: Pflug / 20 cm / org b	0.77	0.41	:	-47%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	754	BB: Pflug / 30 cm / org a	1.37	0.99	:	-28%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	755	BB: Pflug / 30 cm / org b	1.37	0.79	:	-42%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	756	BB: Pflug / 40 cm / org a	1.81	1.53	:	-15%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	757	BB: Pflug / 40 cm / org b	1.81	1.65	:	-9%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	758	BB: Pflug / 50 cm / org a	1.89	1.51	:	-20%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	759	BB: Pflug / 50 cm / org b	1.89	1.21	:	-36%	n.sig.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	760	BB: reduziert / 10 cm / org a	1.15	0.49	:	-57%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	761	BB: reduziert / 10 cm / org b	1.15	0.66	:	-43%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	762	BB: reduziert / 20 cm / org a	1.74	1.15	:	-34%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	763	BB: reduziert / 20 cm / org b	1.74	0.83	:	-52%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	764	BB: reduziert / 30 cm / org a	2.11	1.55	:	-27%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	765	BB: reduziert / 30 cm / org b	2.11	1.26	:	-40%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	766	BB: reduziert / 40 cm / org a	2.06	1.67	:	-19%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	767	BB: reduziert / 40 cm / org b	2.06	1.56	:	-24%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	768	BB: reduziert / 50 cm / org a	2.19	1.51	:	-31%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Crittenden et al. (2015)	769	BB: reduziert / 50 cm / org b	2.19	1.45	:	-34%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	770	Vgl1 / 10 cm / org	1.24	1.29	:	4%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	771	Vgl1 / 20 cm / org	1.71	1.74	:	2%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	772	Vgl1 / 30 cm / org	2.41	2.07	:	-14%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	773	Vgl2 / 10 cm / org	1.59	1.84	:	15%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	774	Vgl2 / 20 cm / org	1.62	1.58	:	-3%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	775	Vgl2 / 30 cm / org	1.37	1.63	:	19%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	776	Vgl3 / 10 cm / org	2.59	1.66	:	-36%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	777	Vgl3 / 20 cm / org	2.68	1.78	:	-33%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	778	Vgl3 / 30 cm / org	1.82	1.39	:	-23%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	779	Vgl4 / 10 cm / org	2.90	1.35	:	-53%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	780	Vgl4 / 20 cm / org	3.36	2.05	:	-39%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	781	Vgl5 / 10 cm / org	2.05	0.93	:	-55%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	782	Vgl5 / 20 cm / org	2.85	1.48	:	-48%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Hartmann et al. (2009)	783	Vgl5 / 30 cm / org	2.73	1.34	:	-51%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	784	2010 / 10 cm / org	1.53	1.47	:	-4%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	785	2010 / 20 cm / org	2.50	2.63	:	5%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	786	2010 / 30 cm / org	3.65	3.94	:	8%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	787	2011 / 10 cm / org	2.06	1.51	:	-27%	n.sig.	+
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	788	2011 / 20 cm / org	2.94	2.31	:	-21%	n.sig.	+
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	789	2011 / 30 cm / org	3.52	3.34	:	-5%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	790	2012 / 10 cm / org	1.08	1.25	:	16%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	791	2012 / 20 cm / org	1.94	1.93	:	-1%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Sanchez de Cima 2015	792	2012 / 30 cm / org	2.50	2.56	:	2%	n.sig.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	793	on-farm, Gr. 1 / 10 cm / org	735.00	486.00	:	-34%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	794	on-farm, Gr. 1 / 20 cm / org	1070.00	593.00	:	-45%	n.a.	+
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	795	on-farm, Gr. 1 / 30 cm / org	2150.00	1890.00	:	-12%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	796	on-farm, Gr. 1 / 40 cm / org	2050.00	1900.00	:	-7%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	797	on-farm, Gr. 1 / 50 cm / org	1960.00	1810.00	:	-8%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	798	on-farm, Gr. 2 / 10 cm / org	387.00	329.00	:	-15%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	799	on-farm, Gr. 2 / 20 cm / org	337.00	359.00	:	7%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	800	on-farm, Gr. 2 / 30 cm / org	1050.00	1080.00	:	3%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	801	on-farm, Gr. 2 / 40 cm / org	1310.00	1120.00	:	-15%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	802	on-farm, Gr. 2 / 50 cm / org	1340.00	1110.00	:	-17%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	803	on-farm, Gr. 3 / 10 cm / org	255.10	318.80	:	25%	n.a.	-
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	804	on-farm, Gr. 3 / 20 cm / org	324.60	301.40	:	-7%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	805	on-farm, Gr. 3 / 30 cm / org	1211.60	1368.10	:	13%	n.a.	=
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	806	on-farm, Gr. 3 / 40 cm / org	973.90	1321.70	:	36%	n.a.	-
Soil conservation	Water regulation	Penetration resistance	-	Schjoenning et al. (2002)	807	on-farm, Gr. 3 / 50 cm / org	1124.60	1217.40	:	8%	n.a.	=

Biodiversity enhancement	Fauna richness	Insects	Total richness	Andersson et al. (2013)	808	Andersson_et_al_2013	33	39	total number of species	18%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Brittain et al. (2010)	809	Brittain_et_al_bees	5.3	5.9	mean number of species	11%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Brittain et al. (2010)	810	Brittain_et_al_pollinators	0.9	1.3	mean number of species	44%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Clough et al. (2007)	811	Clough_et_al_centre_α-diversity_bees	0.6	4.0	mean number of species	592%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Total richness	Clough et al. (2007)	812	Clough_et_al_centre_γ-diversity_bees	7	20	total number of species	184%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Clough et al. (2007)	813	Clough_et_al_edge_α-diversity_bees	1.7	5.2	mean number of species	197%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Total richness	Clough et al. (2007)	814	Clough_et_al_edge_γ-diversity_bees	14	28	total number of species	99%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Ekroos et al. (2008)	815	Ekroos_et_al_2008_bumblebees	1.1	1.4	mean number of species	23%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Ekroos et al. (2008)	816	Ekroos_et_al_2008_butterflies	1.0	1.0	mean number of species	-1%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Feber et al. (2007)	817	Feber_et_al_2007_boundary_1995	14.3	15.6	mean number of species	9%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Feber et al. (2007)	818	Feber_et_al_2007_crop_edge_1995	8.9	11.9	mean number of species	34%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	819	Happe_et_al_2018_large_scale_bumbleb	2.1	2.9	mean number of species	37%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	820	Happe_et_al_2018_large_scale_solitary	10.4	13.7	mean number of species	31%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	821	Happe_et_al_2018_large_scale_trap_nes	3.3	4.3	mean number of species	30%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	822	Happe_et_al_2018_small_scale_bumbleb	3.6	3.8	mean number of species	6%	n.a.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	823	Happe_et_al_2018_small_scale_solitary	9.7	10.5	mean number of species	9%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Happe et al. (2018)	824	Happe_et_al_2018_small_scale_trap_nes	2.9	4.1	mean number of species	42%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Holzschuh et al. (2010)	825	Holzschuh_et_al_fallow_strip	1.3	1.6	mean number of species	19%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Holzschuh et al. (2010)	826	Holzschuh_et_al_field_centre	1.0	1.3	mean number of species	22%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Inclán et al. (2015)	827	Inclan_et_al_2015	2.52	2.92	mean number of species	16%	n.a.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Jonason et al. (2011)	828	Jonason_et_al_butterflies	8.4	10.3	mean number of species	23%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Kehinde and Samways (2012)	829	Kehinde_Samways_2012_bees	9.0	7.8	mean number of species	-13%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Klein et al. (2012)	830	Klein_et_al_2012_visitors	5.7	5.9	mean number of species	4%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Krauss et al. (2011)	831	Krauss_et_al_centre_pollinators	0.1	6.2	mean number of species	4880%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Krauss et al. (2011)	832	Krauss_et_al_edge_pollinators	0.7	10.3	mean number of species	1382%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Total richness	Krauss et al. (2011)	833	Krauss_et_al_region_pollinators	5	31	total number of species	520%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Kremen et al. (2002)	834	Kremen_et_al_2002_OF_CF	3.6	4.0	mean number of species	11%	n.a.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Kremen et al. (2002)	835	Kremen_et_al_2002_ON_CF	3.6	8.4	mean number of species	133%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Marja et al. (2014)	836	Marja_et_al_2014_heterogeneous_bumb	6.8	8.9	mean number of species	30%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Marja et al. (2014)	837	Marja_et_al_2014_homogeneous_bumb	5.3	6.9	mean number of species	31%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Total richness	Porcel et al. (2013)	838	Porcel_et_al_2013_ORG_CON	2	6	total number of species	200%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Total richness	Porcel et al. (2013)	839	Porcel_et_al_2013_ORG_INT	5	6	total number of species	20%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Power and Stout (2011)	840	Power_Stout_2011_centre_bees	0.8	2.0	mean number of species	149%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Power and Stout (2011)	841	Power_Stout_2011_centre_hoverflies	2.0	2.3	mean number of species	15%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Power and Stout (2011)	842	Power_Stout_2011_edge_bees	3.6	3.1	mean number of species	-14%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Power and Stout (2011)	843	Power_Stout_2011_edge_hoverflies	5.5	6.0	mean number of species	10%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Puig-Montserrat et al. (2017)	844	Puig-Montserrat_et_al_2017_mean_richn	22	30	mean number of species	36%	n.a.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Puig-Montserrat et al. (2017)	845	Puig-Montserrat_et_al_2017_mean_richn	32	33	mean number of species	3%	n.a.	=
Biodiversity enhancement	Fauna richness	Insects	Total richness	Puig-Montserrat et al. (2017)	846	Puig-Montserrat_et_al_2017_total_richn	38	40	total number of species	5%	n.a.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Rundlöf et al. (2008a)	847	Rundlöf_et_al_2008a_hetereogeneous_b	2.1	2.8	mean number of species	34%	n.sig.	=
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Rundlöf et al. (2008a)	848	Rundlöf_et_al_2008a_homogeneous_bur	0.7	2.6	mean number of species	248%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Rundlöf et al. (2008b)	849	Rundlöf_et_al_2008b_conventional_land	6.0	8.0	mean number of species	33%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Rundlöf et al. (2008b)	850	Rundlöf_et_al_2008b_organic_landscape	7.2	8.3	mean number of species	15%	sig.	+
Biodiversity enhancement	Fauna richness	Insects	Mean richness	Weibull et al. (2003)	851	Weibull_et_al_2003_butterflies	7.2	8.5	mean number of species	18%	n.sig.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Batáry et al. (2010)	852	Batary_et_al_2010_field_all_species	3.1	4.5	mean number of species	44%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Batáry et al. (2010)	853	Batary_et_al_2010_meadow_all_species	4.1	5.0	mean number of species	22%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Beecher et al. (2002)	854	Beecher_et_al_2002_early_summer	3.0	5.1	mean number of species	72%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Beecher et al. (2002)	855	Beecher_et_al_2002_late_summer	2.6	4.6	mean number of species	78%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Fischer et al. (2011)	856	Fischer_et_al_summer_east	7.9	14.7	mean number of species	85%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Fischer et al. (2011)	857	Fischer_et_al_summer_west	22.0	26.7	mean number of species	21%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Gabriel et al. (2010)	858	Gabriel_et_al_coldspot_birds	8.4	7.7	mean number of species	-9%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Gabriel et al. (2010)	859	Gabriel_et_al_hotspot_birds	8.5	7.8	mean number of species	-9%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Katayama (2016)	860	Katayama_2016_mean_number	2.2	2.3	mean number of species	7%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Lokemoen and Beiser (1997)	861	Lokemoen_Beiser_1997_birds	0.9	1.6	mean number of species	78%	n.sig.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Marja et al. (2014)	862	Marja_et_al_2014_heterogeneous_all_bi	3.4	4.7	mean number of species	36%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Marja et al. (2014)	863	Marja_et_al_2014_homogeneous	1.8	2.5	mean number of species	37%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Puig-Montserrat et al. (2017)	864	Puig-Montserrat_et_al_2017_mean_richn	29.7	33.5	mean number of species	13%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Thomas et al. (2011)	865	Thomas_et_al_2011_birds	15.4	20.4	mean number of species	32%	sig.	+

Biodiversity enhancement	Fauna richness	Birds	Mean richness	Winqvist et al. (2011)	866	Winqvist_et_al_complex_landscapes_bir	9.0	12.0	mean number of species	33%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Mean richness	Winqvist et al. (2011)	867	Winqvist_et_al_simple_landscapes_birds	4.9	7.9	mean number of species	61%	sig.	+
Biodiversity enhancement	Fauna richness	Birds	Total richness	Beecher et al. (2002)	868	Beecher_et_al_2002_total	39	51	total number of species	31%	n.a.	+
Biodiversity enhancement	Fauna richness	Birds	Total richness	Fischer et al. (2011)	869	Fischer_et_al_summer_west_total	72	74	total number of species	3%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Total richness	Illner (2009)	870	Illner_2009_Gesamt_birds	4	8	total number of species	100%	n.a.	+
Biodiversity enhancement	Fauna richness	Birds	Total richness	Katayama (2016)	871	Katayama_2016_total_number	7	10	total number of species	43%	n.a.	+
Biodiversity enhancement	Fauna richness	Birds	Total richness	Kirk and Lindsay (2017)	872	Kirk_Lindsay_2017	52	65	total number of species	25%	n.a.	+
Biodiversity enhancement	Fauna richness	Birds	Total richness	Puig-Montserrat et al. (2017)	873	Puig-Montserrat_et_al_2017_total_richn	24	25	total number of species	4%	n.a.	=
Biodiversity enhancement	Fauna richness	Birds	Total richness	Solomou and Sfougaris (2015)	874	Solomou_Sfougaris_2015	21	31	total number of species	48%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Batáry et al. (2010)	875	Batary_et_al_2010_field_all_species	4.1	8.4	mean number of individuals	103%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Batáry et al. (2010)	876	Batary_et_al_2010_field_skylark	0.9	2.1	mean number of individuals	132%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Batáry et al. (2010)	877	Batary_et_al_2010_meadow_all_species	6.4	7.0	mean number of individuals	9%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Batáry et al. (2010)	878	Batary_et_al_2010_meadow_skylark	0.3	0.5	mean number of individuals	76%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Beecher et al. (2002)	879	Beecher_et_al_2002_early_summer	22.5	56.7	mean number of individuals	152%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Beecher et al. (2002)	880	Beecher_et_al_2002_late_summer	29.5	71.9	mean number of individuals	144%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Brittain et al. (2010)	881	Brittain_et_al_bees	12.8	20.1	mean number of individuals	57%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Brittain et al. (2010)	882	Brittain_et_al_pollinators	3.6	4.0	mean number of individuals	11%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	883	Chamberlain_et_al_breeding_season_19	7.77	9.67	mean number of individuals	24%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	884	Chamberlain_et_al_breeding_season_19	0.49	1.88	mean number of individuals	284%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	885	Chamberlain_et_al_breeding_season_19	9.62	9.47	mean number of individuals	-2%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	886	Chamberlain_et_al_breeding_season_19	0.31	0.54	mean number of individuals	74%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Ekroos et al. (2008)	887	Ekroos_et_al_2008_bumblebees	3.0	3.8	mean number of individuals	27%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Ekroos et al. (2008)	888	Ekroos_et_al_2008_butterflies	9.4	9.0	mean number of individuals	-4%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	889	Chamberlain_et_al_breeding_season_19	7.86	9.76	mean number of individuals	24%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Chamberlain et al. (1999)	890	Chamberlain_et_al_breeding_season_19	0.33	0.33	mean number of individuals	0%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Feber et al. (2007)	891	Feber_et_al_2007_boundary_1995	13.3	21.2	mean number of individuals	60%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Feber et al. (2007)	892	Feber_et_al_2007_crop_edge_1995	4.2	9.2	mean number of individuals	122%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Fischer et al. (2011)	893	Fischer_et_al_summer_east	35.6	52.5	mean number of individuals	47%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Fischer et al. (2011)	894	Fischer_et_al_summer_west	62.5	101.8	mean number of individuals	63%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Gabriel et al. (2010)	895	Gabriel_et_al_coldspot_birds	58.9	60.8	mean number of individuals	3%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	896	Gabriel_et_al_coldspot_centre_arable_b	0.5	0.7	mean number of individuals	51%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	897	Gabriel_et_al_coldspot_centre_arable_b	0.7	0.9	mean number of individuals	17%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	898	Gabriel_et_al_coldspot_centre_arable_h	1.1	0.8	mean number of individuals	-26%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	899	Gabriel_et_al_coldspot_centre_arable_so	0.6	0.7	mean number of individuals	20%	n.a.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Gabriel et al. (2010)	900	Gabriel_et_al_hotspot_birds	59.9	0.8	mean number of individuals	-99%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	901	Gabriel_et_al_coldspot_centre_grass_bu	0.5	0.6	mean number of individuals	18%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	902	Gabriel_et_al_coldspot_centre_grass_bu	0.7	1.1	mean number of individuals	59%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	903	Gabriel_et_al_coldspot_centre_grass_ho	1.1	0.6	mean number of individuals	-44%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	904	Gabriel_et_al_coldspot_centre_grass_sol	0.4	0.4	mean number of individuals	11%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	905	Gabriel_et_al_coldspot_margin_arable_b	1.0	0.9	mean number of individuals	-7%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	906	Gabriel_et_al_coldspot_margin_arable_b	4.4	5.6	mean number of individuals	26%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	907	Gabriel_et_al_coldspot_margin_arable_h	1.9	1.0	mean number of individuals	-45%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	908	Gabriel_et_al_coldspot_margin_arable_s	0.6	0.8	mean number of individuals	31%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	909	Gabriel_et_al_coldspot_margin_grass_bu	0.6	0.6	mean number of individuals	3%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	910	Gabriel_et_al_coldspot_margin_grass_bu	3.3	2.8	mean number of individuals	-15%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	911	Gabriel_et_al_coldspot_margin_grass_ho	2.1	1.4	mean number of individuals	-34%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	912	Gabriel_et_al_coldspot_margin_grass_so	0.4	0.6	mean number of individuals	55%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	913	Gabriel_et_al_hotspot_centre_arable_bu	0.6	0.8	mean number of individuals	24%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	914	Gabriel_et_al_hotspot_centre_arable_bu	0.7	1.4	mean number of individuals	104%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	915	Gabriel_et_al_hotspot_centre_arable_ho	1.3	1.2	mean number of individuals	-6%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	916	Gabriel_et_al_hotspot_centre_arable_so	1.1	0.9	mean number of individuals	-19%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	917	Gabriel_et_al_hotspot_centre_grass_bur	0.6	0.4	mean number of individuals	-25%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	918	Gabriel_et_al_hotspot_centre_grass_bur	1.4	2.4	mean number of individuals	75%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	919	Gabriel_et_al_hotspot_centre_grass_hov	1.0	0.6	mean number of individuals	-34%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	920	Gabriel_et_al_hotspot_centre_grass_soli	0.7	0.4	mean number of individuals	-44%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	921	Gabriel_et_al_hotspot_margin_arable_bu	0.8	0.8	mean number of individuals	8%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	922	Gabriel_et_al_hotspot_margin_arable_bu	3.6	6.2	mean number of individuals	70%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	923	Gabriel_et_al_hotspot_margin_arable_ho	2.1	1.6	mean number of individuals	-25%	n.a.	-

Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	924	Gabriel_et_al_hotspot_margin_arable_sc	1.0	0.8	mean number of individuals	-15%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	925	Gabriel_et_al_hotspot_margin_grass_bur	0.6	0.5	mean number of individuals	-21%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	926	Gabriel_et_al_hotspot_margin_grass_bur	3.9	5.6	mean number of individuals	42%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	927	Gabriel_et_al_hotspot_margin_grass_ho	1.7	1.3	mean number of individuals	-22%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Gabriel et al. (2010)	928	Gabriel_et_al_hotspot_margin_grass_sol	0.9	0.5	mean number of individuals	-37%	n.a.	-
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	929	Happe_et_al_2018_large_scale_bumbleb	6.0	6.2	mean number of individuals	3%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	930	Happe_et_al_2018_large_scale_solitary_	38.6	55.3	mean number of individuals	43%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	931	Happe_et_al_2018_large_scale_trap_nes	155.1	216.3	mean number of individuals	39%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	932	Happe_et_al_2018_small_scale_bumbleb	15.5	17.1	mean number of individuals	11%	n.a.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Katayama (2016)	933	Katayama_2016_mean_number	4.3	4.5	mean number of individuals	4%	n.a.	=
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	Illner (2009)	934	Illner_2009_Fokus_birds	8	15	total number of individuals	88%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	935	Happe_et_al_2018_small_scale_solitary_	31.8	42.2	mean number of individuals	33%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	Illner (2009)	936	Illner_2009_Fokus_skylark	4	10.5	total number of individuals	163%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Happe et al. (2018)	937	Happe_et_al_2018_small_scale_trap_nes	174.9	246.3	mean number of individuals	41%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	Katayama (2016)	938	Katayama_2016_total_number	26	27	total number of individuals	4%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Holzschuh et al. (2010)	939	Holzschuh_et_al_fallow_strip	79.5	156.5	mean number of individuals	97%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Holzschuh et al. (2010)	940	Holzschuh_et_al_field_centre	72.7	96.2	mean number of individuals	32%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Inclán et al. (2015)	941	Inclan_et_al_2015	26.3	43.5	mean number of individuals	65%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Jonason et al. (2011)	942	Jonason_et_al_butterflies	42.4	68.0	mean number of individuals	60%	n.a.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Kragten and Snoo (2008)	943	Kragten_deSnoo_2008_field_birds	3.8	4.3	mean number of individuals	11%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Kehinde and Samways (2012)	944	Kehinde_Samways_2012_bees	93.7	80.9	mean number of individuals	-14%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Krauss et al. (2011)	945	Krauss_et_al_centre_pollinators	0.1	38.3	mean number of individuals	38200%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Kragten and Snoo (2008)	946	Kragten_deSnoo_2008_skylark	0.3	0.8	mean number of individuals	133%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	MacLeod et al. (2012)	947	MacLeod_et_al_2012_org_int_gold	21.9	23.1	mean number of individuals	5%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	MacLeod et al. (2012)	948	MacLeod_et_al_2012_org_int_green	25.1	23.1	mean number of individuals	-8%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Marja et al. (2014)	949	Marja_et_al_2014_heterogeneous_all_bi	9.3	11.5	mean number of individuals	23%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Krauss et al. (2011)	950	Krauss_et_al_edge_pollinators	1.5	167.6	mean number of individuals	11073%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Marja et al. (2014)	951	Marja_et_al_2014_heterogeneous_skylar	4.6	4.1	mean number of individuals	-10%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Kremen et al. (2002)	952	Kremen_et_al_2002_OF_CF	4.4	5.1	mean number of individuals	15%	n.a.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Kremen et al. (2002)	953	Kremen_et_al_2002_ON_CF	4.4	10.0	mean number of individuals	127%	n.a.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Marja et al. (2014)	954	Marja_et_al_2014_homogeneous_all_bir	7.1	8.4	mean number of individuals	17%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Marja et al. (2014)	955	Marja_et_al_2014_heterogeneous_bumb	42.1	57.5	mean number of individuals	36%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Marja et al. (2014)	956	Marja_et_al_2014_homogeneous_bumb	20.3	30.0	mean number of individuals	48%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	McKenzie et al. (2011)	957	McKenzie_et_al_2011_skylark	7	10	total number of individuals	43%	n.a.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Power und Stout (2011)	958	Power_Stout_2011_centre_bees	1.6	7.4	mean number of individuals	370%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Marja et al. (2014)	959	Marja_et_al_2014_homogeneous_skylark	6.3	6.4	mean number of individuals	2%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Power und Stout (2011)	960	Power_Stout_2011_centre_hoverflies	1.5	2.9	mean number of individuals	87%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Power und Stout (2011)	961	Power_Stout_2011_edge_bees	13.0	16.9	mean number of individuals	31%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Power und Stout (2011)	962	Power_Stout_2011_edge_hoverflies	21.2	42.0	mean number of individuals	98%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Rundlöf et al. (2008a)	963	Rundlöf_et_al_2008a_hetereogeneous_b	1.4	1.8	mean number of individuals	35%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Rundlöf et al. (2008a)	964	Rundlöf_et_al_2008a_homogeneous_bur	0.3	2.0	mean number of individuals	603%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Rundlöf et al. (2008b)	965	Rundlöf_et_al_2008b_conventional_land	46.4	94.7	mean number of individuals	104%	sig.	+
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Rundlöf et al. (2008b)	966	Rundlöf_et_al_2008b_organic_landscape	56.5	68.1	mean number of individuals	20%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Thomas et al. (2011)	967	Thomas_et_al_2011_birds	2.1	2.8	mean number of individuals	33%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Winqvist et al. (2011)	968	Winqvist_et_al_complex_landscapes_bir	19.3	24.0	mean number of individuals	24%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	Smith et al. (2010)	969	Smith_et_al_2010_heterogeneous	520	722	total number of individuals	39%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Birds	Mean abundance	Winqvist et al. (2011)	970	Winqvist_et_al_simple_landscapes_birds	11.7	16.4	mean number of individuals	40%	sig.	+
Biodiversity enhancement	Fauna abundance	Birds	Total abundance	Smith et al. (2010)	971	Smith_et_al_2010_homogeneous	549	473	total number of individuals	-14%	n.sig.	=
Biodiversity enhancement	Fauna abundance	Insects	Mean abundance	Weibull et al. (2003)	972	Weibull_et_al_2003_butterflies	48.1	52.7	mean number of individuals	10%	n.a.	=
Biodiversity enhancement	Flora abundance	Arable flora	Total abundance	Edesi et al. (2012)	973	Edesi_et_al_ORGFYM_CONFYM_total	7284	17824	total number of individuals	145%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Total abundance	Edesi et al. (2012)	974	Edesi_et_al_ORGGRM_CONFYM_total	7284	16052	total number of individuals	120%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Total abundance	Kaupilla (1990)	975	Kaupilla_1990_arable_flora_rotations_A	112	336	total number of individuals	200%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Total abundance	Kaupilla (1990)	976	Kaupilla_1990_arable_flora_rotations_B	75	311	total number of individuals	315%	n.a.	+
Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	José-María Sans and Sans (2011)	977	Jose-Maria_Sans_centre_mean	5530.8	11986.7	mean number of individuals	117%	sig.	+
Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	José-María und Sans (2011)	978	Jose-Maria_Sans_edge_mean	7809.0	15870.3	mean number of individuals	103%	sig.	+
Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	Rotchés-Ribalta et al. (2016)	979	Rotches-Ribalta_et_al_BIODYN_CONFYM	5780.3	14147.6	mean number of individuals	145%	sig.	+
Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	Rotchés-Ribalta et al. (2016)	980	Rotches-Ribalta_et_al_BIODYN_CONMIN	5944.5	14147.6	mean number of individuals	138%	sig.	+
Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	Rotchés-Ribalta et al. (2016)	981	Rotches-Ribalta_et_al_BIOORG_CONFYM	5780.3	19711.5	mean number of individuals	241%	sig.	+

Biodiversity enhancement	Flora abundance	Field seedbank	Mean abundance	Rotches-Ribalta et al. (2016)	982	Rotches-Ribalta_et_al_BIOORG_CONMIN	5944.5	19711.5	mean number of individuals	232%	sig.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Basedow (2002)	983	Basedow_2002_arable_flora_abundance	2.4	49.3	mean number of individuals	1954%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Edesi et al. (2012)	984	Edesi_et_al_ORGFYM_CONFYM_mean	94.1	228.9	mean number of individuals	143%	sig.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Edesi et al. (2012)	985	Edesi_et_al_ORGGRM_CONFYM_mean	94.1	200.7	mean number of individuals	113%	sig.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Ekroos et al. (2010)	986	Ekroos_et_al_cereal	209.1	451.6	mean number of individuals	116%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Ekroos et al. (2010)	987	Ekroos_et_al_mixed	180.2	558	mean number of individuals	210%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Gottwald und Stein-Bachinger (2017)	988	Gottwald_Stein-Bachinger_segetalflora	21.1	172.3	mean number of individuals	717%	n.a.	+
Biodiversity enhancement	Flora abundance	Arable flora	Mean abundance	Ponce et al. (2011)	989	Ponce_et_al_2011_arable_flora	43.9	132.5	mean number of individuals	202%	sig.	+
Biodiversity enhancement	Flora abundance	Field margin vegetation	Mean abundance	Petersen et al. (2006)	990	Petersen_et_al_2006_long_time	47.2	65.7	mean number of individuals	39%	sig.	+
Biodiversity enhancement	Flora abundance	Field margin vegetation	Mean abundance	Petersen et al. (2006)	991	Petersen_et_al_2006_short_time	47.2	61.0	mean number of individuals	29%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Armengot et al. (2011)	992	Armengot_et_al_2011_field	6.5	17.0	mean number of species	162%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Armengot et al. (2013)	993	Armengot_et_al_2013_non-weeded	5.9	9.4	mean number of species	60%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Armengot et al. (2013)	994	Armengot_et_al_2013_weed_controlled	3.1	9.9	mean number of species	220%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Balezientiene (2011)	995	Balezientiene_2011_crop_ES_RS	23.0	45.0	mean number of species	96%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Balezientiene (2011)	996	Balezientiene_2011_crop_ES_TF	13.0	45.0	mean number of species	246%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2012)	997	Batary_et_al_2012_wheat_edge_forbs	2.9	12.2	mean number of species	318%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2012)	998	Batary_et_al_2012_wheat_edge_grasses	3.2	4.6	mean number of species	43%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2012)	999	Batary_et_al_2012_wheat_interior_forbs	1.0	8.8	mean number of species	757%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2012)	1000	Batary_et_al_2012_wheat_interior_grass	0.7	3.2	mean number of species	362%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2013)	1001	Batary_et_al_edge_insect_pollinated_w	1.1	6.7	mean number of species	524%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Batáry et al. (2013)	1002	Batary_et_al_interior_insect_pollinated	0.4	4.4	mean number of species	1051%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Chamorro et al. (2016)	1003	Chamorro_et_al_plot	9.1	14.6	mean number of species	60%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Clough et al. (2007)	1004	Clough_et_al_centre_α-diversity_flora	7.3	22.0	mean number of species	201%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Clough et al. (2007)	1005	Clough_et_al_edge_α-diversity_flora	17.1	33.3	mean number of species	94%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Edesi et al. (2012)	1006	Edesi_et_al_ORGFYM_CONFYM_mean	4.9	9.2	mean number of species	88%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Edesi et al. (2012)	1007	Edesi_et_al_ORGGRM_CONFYM_mean	4.9	9.3	mean number of species	90%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ekroos et al. (2010)	1008	Ekroos_et_al_cereal	13.5	18.9	mean number of species	40%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ekroos et al. (2010)	1009	Ekroos_et_al_cereal_α-diversity_insect_p	7.8	8.6	mean number of species	10%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ekroos et al. (2010)	1010	Ekroos_et_al_mixed	12.2	22.8	mean number of species	87%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ekroos et al. (2010)	1011	Ekroos_et_al_mixed_α-diversity_insect_p	7.1	8.6	mean number of species	21%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Feber et al. (2015)	1012	Feber_et_al_2015_cropped_area	5.3	13.0	mean number of species	145%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel et al. (2010)	1013	Gabriel_et_al_coldspot_centre_arable_fo	2.5	10.2	mean number of species	304%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel et al. (2010)	1014	Gabriel_et_al_coldspot_edge_arable_for	4.9	12.2	mean number of species	150%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel et al. (2010)	1015	Gabriel_et_al_hotspot_centre_arable_fo	2.4	11.0	mean number of species	363%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel et al. (2010)	1016	Gabriel_et_al_hotspot_edge_arable_forb	4.7	13.1	mean number of species	181%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel und Tschardtke (2007)	1017	Gabriel_Tschardtke_centre_insect_pollin	1.8	6.2	mean number of species	242%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Gabriel und Tschardtke (2007)	1018	Gabriel_Tschardtke_edge_insect_pollinat	3.7	10.5	mean number of species	181%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1019	Hiltbrunner_et_al_ORG_IFext_CRP2_maiz	10.0	14.5	mean number of species	45%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1020	Hiltbrunner_et_al_ORG_IFext_CRP2_wint	10.0	14.5	mean number of species	45%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1021	Hiltbrunner_et_al_ORG_IFext_CRP3_maiz	8.7	15.5	mean number of species	78%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1022	Hiltbrunner_et_al_ORG_IFext_CRP3_wint	4.0	11.7	mean number of species	193%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1023	Hiltbrunner_et_al_ORG_IFint_CRP2_maiz	8.3	14.5	mean number of species	74%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1024	Hiltbrunner_et_al_ORG_IFint_CRP2_wint	5.5	14.5	mean number of species	164%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1025	Hiltbrunner_et_al_ORG_IFint_CRP3_maiz	3.7	15.5	mean number of species	319%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hiltbrunner et al. (2008)	1026	Hiltbrunner_et_al_ORG_IFint_CRP3_wint	1.3	11.7	mean number of species	800%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hotze und van Elsen (2006)	1027	Hotze_vanElsen_Sommer_Innen	15.0	25.0	mean number of species	67%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hotze und van Elsen (2006)	1028	Hotze_vanElsen_Sommer_Rand	26.0	35.0	mean number of species	35%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hotze und van Elsen (2006)	1029	Hotze_vanElsen_Winter_Innen	6.0	21.0	mean number of species	250%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Hotze und van Elsen (2006)	1030	Hotze_vanElsen_Winter_Rand	22.0	32.0	mean number of species	45%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Jonason et al. (2011)	1031	Jonason_et_al_plants	36.1	42.3	mean number of species	17%	n.a.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Jose-Maria et al. (2011)	1032	Jose-Maria_et_al_forbs_legumes_centre	10.5	19.3	mean number of species	83%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Jose-Maria et al. (2011)	1033	Jose-Maria_et_al_forbs_legumes_edge	26.6	39.0	mean number of species	47%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Jose-Maria et al. (2011)	1034	Jose-Maria_et_al_graminoids_centre	1.7	2.2	mean number of species	28%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Jose-Maria et al. (2011)	1035	Jose-Maria_et_al_graminoids_edge	6.0	6.7	mean number of species	12%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Knudsen et al. (2017)	1036	Knudsen_et_al_Austria	5.0	8.0	mean number of species	60%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Knudsen et al. (2017)	1037	Knudsen_et_al_France	12.0	19.0	mean number of species	58%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Knudsen et al. (2017)	1038	Knudsen_et_al_Germany	8.0	22.0	mean number of species	175%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Knudsen et al. (2017)	1039	Knudsen_et_al_Hungary	15.0	11.0	mean number of species	-27%	n.a.	-

Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Knudsen et al. (2017)	1040	Knudsen_et_al_Wales	13.0	19.0	mean number of species	46%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Kohler (2015)	1041	Kohler_2015_arable_flora_Innen	4.3	24.5	mean number of species	470%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Kohler (2015)	1042	Kohler_2015_arable_flora_Rand	16.0	32.4	mean number of species	103%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Kolářová et al. (2013)	1043	Kolarova_et_al_α-diversity_root_crops	9.1	21.4	mean number of species	135%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Kolářová et al. (2013)	1044	Kolarova_et_al_α-diversity_winter_cereals	9.2	21.0	mean number of species	128%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Krauss et al. (2011)	1045	Krauss_et_al_centre_plants	3.7	18.8	mean number of species	413%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Krauss et al. (2011)	1046	Krauss_et_al_edge_plants	7.7	29.0	mean number of species	278%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Moreby und Sotherton (1997)	1047	Moreby_Sotherton_all_species_1990	3.5	11.1	mean number of species	219%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Moreby und Sotherton (1997)	1048	Moreby_Sotherton_all_species_1991	3.4	11.4	mean number of species	241%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ponce et al. (2011)	1049	Ponce_et_al_2011	3.4	9.4	mean number of species	176%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Romero et al. (2008)	1050	Romero_et_al_2008_α-diversity	6.5	14.7	mean number of species	126%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Roschewitz et al. (2005)	1051	Roschewitz_et_al_vegetation_field_level	14.2	29.7	mean number of species	109%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Salonen et al. (2005)	1052	Salonen_et_al_2005	10.0	18.0	mean number of species	80%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Schreiber et al. (1996)	1053	Schreiber_et_al_Acker_ORG_CON	13.0	24.0	mean number of species	85%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Schreiber et al. (1996)	1054	Schreiber_et_al_Acker_ORG_INT	13.0	24.0	mean number of species	85%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Smith und Gross (2006)	1055	Smith_Gross_continuous	4.6	6.9	mean number of species	51%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Smith und Gross (2006)	1056	Smith_Gross_rotation	6.0	7.4	mean number of species	24%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Tyšer et al. (2008)	1057	Tyser_et_al_2008_root_crops	2.0	8.2	mean number of species	309%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Tyšer et al. (2008)	1058	Tyser_et_al_2008_winter_cereals	7.9	14.2	mean number of species	80%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ulber et al. (2009)	1059	Ulber_et_al_treated_diverse_mean	9.3	23.4	mean number of species	152%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ulber et al. (2009)	1060	Ulber_et_al_treated_simple_mean	11.6	23.4	mean number of species	101%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ulber et al. (2009)	1061	Ulber_et_al_untreated_diverse_mean	18.3	23.0	mean number of species	26%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Ulber et al. (2009)	1062	Ulber_et_al_untreated_simple_mean	17.4	23.0	mean number of species	32%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Winqvist et al. (2011)	1063	Winqvist_et_al_complex_landscapes_flora	7.9	16.1	mean number of species	104%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Winqvist et al. (2011)	1064	Winqvist_et_al_simple_landscapes_flora	5.3	13.5	mean number of species	155%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Wortman et al. (2010)	1065	Wortman_et_al_OAM_CR	1.6	2.7	mean number of species	68%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Wortman et al. (2010)	1066	Wortman_et_al_OAM_DIR	2.4	2.7	mean number of species	16%	n.sig.	=
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Wortman et al. (2010)	1067	Wortman_et_al_OGM_CR	1.6	3.2	mean number of species	95%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Mean richness	Wortman et al. (2010)	1068	Wortman_et_al_OGM_DIR	2.4	3.2	mean number of species	35%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Armengot et al. (2011)	1069	Armengot_et_al_2011_region	33	66	total number of species	100%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Basedow (2002)	1070	Basedow_2002_arable_flora_richness	8	23	total number of species	188%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Clough et al. (2007)	1071	Clough_et_al_centre_γ-diversity_flora	42	80	total number of species	89%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Clough et al. (2007)	1072	Clough_et_al_edge_γ-diversity_flora	68	102	total number of species	51%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Edesi et al. (2012)	1073	Edesi_et_al_ORGFYM_CONFYM_total	30	36	total number of species	20%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Edesi et al. (2012)	1074	Edesi_et_al_ORGGRM_CONFYM_total	30	39	total number of species	30%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Ekroos et al. (2010)	1075	Ekroos_et_al_cereal_γ-diversity_insect_p	19	25	total number of species	35%	n.a.	=
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Ekroos et al. (2010)	1076	Ekroos_et_al_mixed_γ-diversity_insect_p	12	15	total number of species	20%	n.a.	=
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Kaar et al. (2008)	1077	Kaar_Freyer_2008_arable_flora	52	105	total number of species	102%	sig.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Kolářová et al. (2015)	1078	Kolarova_et_al_γ-diversity_root_crops	92	135	total number of species	47%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Kolářová et al. (2015)	1079	Kolarova_et_al_γ-diversity_spring_cereals	101	149	total number of species	48%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Kolářová et al. (2015)	1080	Kolarova_et_al_γ-diversity_winter_cereals	84	148	total number of species	76%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Krauss et al. (2011)	1081	Krauss_et_al_region_plants	55	114	total number of species	107%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Richter et al. (1999)	1082	Richter_et_al_1999_arable_flora	22	68	total number of species	209%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Romero et al. (2008)	1083	Romero_et_al_2008_region	119	172	total number of species	45%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Roschewitz et al. (2005)	1084	Roschewitz_et_al_vegetation_regional	104	142	total number of species	37%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Ulber et al. (2009)	1085	Ulber_et_al_diverse_total	38	59	total number of species	55%	n.a.	+
Biodiversity enhancement	Flora richness	Arable flora	Total richness	Ulber et al. (2009)	1086	Ulber_et_al_simple_total	31	59	total number of species	90%	n.a.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Aavik und Liira (2010)	1087	Aavik_Lira_2010_agrotolerant	7.6	7.7	mean number of species	1%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Aavik und Liira (2010)	1088	Aavik_Lira_2010_nature_value	6.3	7.9	mean number of species	25%	n.sig.	=
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Balezientiene (2011)	1089	Balezientiene_2011_margin_ES_RS	43	71	mean number of species	65%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Balezientiene (2011)	1090	Balezientiene_2011_margin_ES_TF	9	71	mean number of species	689%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Feber et al. (2015)	1091	Feber_et_al_2015_boundary	13.4	15.7	mean number of species	17%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Gabriel et al. (2010)	1092	Gabriel_et_al_coldspot_margin_arable_f	8.6	10.1	mean number of species	18%	n.a.	=
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Gabriel et al. (2010)	1093	Gabriel_et_al_hotspot_margin_arable_fo	8.4	9.2	mean number of species	9%	n.a.	=
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Happe et al. (2018)	1094	Happe_et_al_2018_large_scale_insect_p	6.6	10.7	mean number of species	62%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Happe et al. (2018)	1095	Happe_et_al_2018_small_scale_insect_p	3.0	11.9	mean number of species	295%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Jose-Maria et al. (2011)	1096	Jose-Maria_et_al_forbs_legumes_bound	28.3	41.2	mean number of species	46%	n.a.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Jose-Maria et al. (2011)	1097	Jose-Maria_et_al_graminoids_boundary	11.7	12.3	mean number of species	5%	sig.	+

Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Petersen et al. (2006)	1098	Petersen_et_al_2006_long_time	13.9	20.3	mean number of species	46%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Petersen et al. (2006)	1099	Petersen_et_al_2006_short_time	13.9	18.0	mean number of species	29%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Rader et al. (2014)	1100	Rader_et_al_2014	69	76	mean number of species	10%	n.sig.	=
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Rundlöf et al. (2010)	1101	Rundlöf_et_al_conventional_landscape	16.8	25.7	mean number of species	53%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Mean richness	Rundlöf et al. (2010)	1102	Rundlöf_et_al_organic_landscape	21.9	31.0	mean number of species	41%	sig.	+
Biodiversity enhancement	Flora richness	Field margin vegetation	Total richness	Happe et al. (2018)	1103	Happe_et_al_2018_large_scale_insect_p	37	43	total number of species	16%	n.a.	=
Biodiversity enhancement	Flora richness	Field margin vegetation	Total richness	Happe et al. (2018)	1104	Happe_et_al_2018_small_scale_insect_p	15	47	total number of species	213%	n.a.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Asteraki et al. (2004)	1105	Asteraki_et_al_2004_FLORA	10	17	mean number of species	70%	n.a.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	José-María und Sans (2011)	1106	Jose-Maria_Sans_centre_mean	6.4	9.8	mean number of species	53%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	José-María und Sans (2011)	1107	Jose-Maria_Sans_edge_mean	9.5	12.1	mean number of species	27%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Roschewitz et al. (2005)	1108	Roschewitz_et_al_seedbank_α-diversity	14.6	22.8	mean number of species	56%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Rotchés-Ribalta et al. (2016)	1109	Rotches-Ribalta_et_al_BIODYN_CONFYM	7.7	13.2	mean number of species	71%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Rotchés-Ribalta et al. (2016)	1110	Rotches-Ribalta_et_al_BIODYN_CONMIN	8.3	13.2	mean number of species	60%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Rotchés-Ribalta et al. (2016)	1111	Rotches-Ribalta_et_al_BIOORG_CONFYM	7.7	13.5	mean number of species	75%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Rotchés-Ribalta et al. (2016)	1112	Rotches-Ribalta_et_al_BIOORG_CONMIN	8.3	13.5	mean number of species	64%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Wortman et al. (2010)	1113	Wortman_et_al_OAM_CR	4.4	7.0	mean number of species	62%	n.sig.	=
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Wortman et al. (2010)	1114	Wortman_et_al_OAM_DIR	5.1	7.0	mean number of species	38%	n.sig.	=
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Wortman et al. (2010)	1115	Wortman_et_al_OGM_CR	4.4	8.0	mean number of species	83%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Mean richness	Wortman et al. (2010)	1116	Wortman_et_al_OGM_DIR	5.1	8.0	mean number of species	56%	sig.	+
Biodiversity enhancement	Flora richness	Field seedbank	Total richness	José-María und Sans (2011)	1117	Jose-Maria_Sans_centre_total	62	83	total number of species	34%	n.a.	+
Biodiversity enhancement	Flora richness	Field seedbank	Total richness	José-María und Sans (2011)	1118	Jose-Maria_Sans_edge_total	110	125	total number of species	14%	n.a.	=
Biodiversity enhancement	Flora richness	Field seedbank	Total richness	Roschewitz et al. (2005)	1119	Roschewitz_et_al_seedbank_γ-diversity	21.6	31.8	total number of species	47%	n.a.	+
Climate protection	CH4 emissions	-	-	Ghimire et al. (2016)	1120	Ghimire_1	-0.27	-0.37	kg/ha/year	37%	n.a.	+
Climate protection	CH4 emissions	-	-	Ghimire et al. (2016)	1121	Ghimire_2	-0.37	-0.37	kg/ha/year	0%	n.a.	=
Climate protection	CH4 emissions	-	-	Robertson et al. (2000)	1122	Robertson_1	-0.43	-0.55	kg/ha/year	28%	n.a.	+
Climate protection	CH4 emissions	-	-	Robertson et al. (2000)	1123	Robertson_2	-0.47	-0.55	kg/ha/year	17%	n.a.	+
Climate protection	CH4 emissions	-	-	Robertson et al. (2000)	1124	Robertson_3	-0.46	-0.55	kg/ha/year	20%	n.a.	+
Climate protection	CH4 emissions	-	-	Syväsalo et al. (2006)	1125	Syväsalo_grass	-0.72	-0.51	kg/ha/year	-29%	n.a.	-
Climate protection	N2O emissions	-	-	Benoit et al. (2015)	1126	Benoit_b	0.95	0.65	kg/ha/year	-32%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1127	Chirinda_2010_1	0.91	0.68	kg/ha/year	-25%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1128	Chirinda_2010_2	0.91	0.81	kg/ha/year	-11%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1129	Chirinda_2010_3	0.91	0.63	kg/ha/year	-31%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1130	Chirinda_2010_4	1.60	0.82	kg/ha/year	-49%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1131	Chirinda_2010_5	1.60	0.63	kg/ha/year	-61%	n.a.	+
Climate protection	N2O emissions	-	-	Chirinda et al. (2010)	1132	Chirinda_2010_6	1.60	0.57	kg/ha/year	-64%	n.a.	+
Climate protection	N2O emissions	-	-	Ghimire et al. (2016)	1133	Ghimire_1	9.38	7.15	kg/ha/year	-24%	n.a.	+
Climate protection	N2O emissions	-	-	Ghimire et al. (2016)	1134	Ghimire_2	6.83	7.15	kg/ha/year	5%	n.a.	=
Climate protection	N2O emissions	-	-	Han et al. (2017)	1135	Han_2017_1	6.46	1.42	kg/ha/year	-78%	n.a.	+
Climate protection	N2O emissions	-	-	Han et al. (2017)	1136	Han_2017_2	2.85	1.46	kg/ha/year	-49%	n.a.	+
Climate protection	N2O emissions	-	-	Han et al. (2017)	1137	Han_2017_3	6.46	5.99	kg/ha/year	-7%	n.a.	=
Climate protection	N2O emissions	-	-	Han et al. (2017)	1138	Han_2017_4	2.85	5.11	kg/ha/year	79%	n.a.	-
Climate protection	N2O emissions	-	-	Kong et al. (2009)	1139	KongMT1	1.10	2.21	kg/ha/year	101%	n.a.	-
Climate protection	N2O emissions	-	-	Kong et al. (2009)	1140	KongMT2	4.31	2.21	kg/ha/year	-49%	n.a.	+
Climate protection	N2O emissions	-	-	Kong et al. (2009)	1141	KongST1	1.26	0.85	kg/ha/year	-33%	n.a.	+
Climate protection	N2O emissions	-	-	Kong et al. (2009)	1142	KongST2	2.43	0.85	kg/ha/year	-65%	n.a.	+
Climate protection	N2O emissions	-	-	Kramer et al. (2006)	1143	Kramer_Alf_1	0.10	0.11	kg/ha/year	10%	n.a.	=
Climate protection	N2O emissions	-	-	Kramer et al. (2006)	1144	Kramer_Alf_2	0.09	0.11	kg/ha/year	22%	n.a.	-
Climate protection	N2O emissions	-	-	Kramer et al. (2006)	1145	Kramer_Comp_1	0.10	0.11	kg/ha/year	10%	n.a.	=
Climate protection	N2O emissions	-	-	Kramer et al. (2006)	1146	Kramer_Comp_2	0.09	0.11	kg/ha/year	22%	n.a.	-
Climate protection	N2O emissions	-	-	Petersen et al. (2006)	1147	Peterson_Austria	3.22	6.58	kg/ha/year	104%	n.a.	-
Climate protection	N2O emissions	-	-	Petersen et al. (2006)	1148	Peterson_Denmark	4.24	3.23	kg/ha/year	-24%	n.a.	+
Climate protection	N2O emissions	-	-	Petersen et al. (2006)	1149	Peterson_England	7.46	3.14	kg/ha/year	-58%	n.a.	+
Climate protection	N2O emissions	-	-	Petersen et al. (2006)	1150	Peterson_Finland	2.63	2.17	kg/ha/year	-17%	n.a.	+
Climate protection	N2O emissions	-	-	Petersen et al. (2006)	1151	Peterson_Italy	4.95	2.46	kg/ha/year	-50%	n.a.	+
Climate protection	N2O emissions	-	-	Phillips (2007)	1152	Phillips	1.10	2.49	kg/ha/year	126%	n.a.	-
Climate protection	N2O emissions	-	-	Pugesgaard et al. (2017)	1153	Pugesgaard	0.94	0.90	kg/ha/year	-4%	n.a.	=
Climate protection	N2O emissions	-	-	Robertson et al. (2000)	1154	Robertson_1	1.19	1.29	kg/ha/year	8%	n.a.	=
Climate protection	N2O emissions	-	-	Robertson et al. (2000)	1155	Robertson_2	1.28	1.29	kg/ha/year	1%	n.a.	=

Climate protection	N2O emissions	-	-	Robertson et al. (2000)	1156	Robertson_3	1.37	1.29	kg/ha/year	-6%	n.a.	=
Climate protection	N2O emissions	-	-	Sehy (2003)	1157	Sehy2004_high	7.10	2.00	kg/ha/year	-72%	n.a.	+
Climate protection	N2O emissions	-	-	Sehy (2003)	1158	Sehy2004_low	4.35	2.00	kg/ha/year	-54%	n.a.	+
Climate protection	N2O emissions	-	-	Syväsalo et al. (2006)	1159	Syväsalo_grass	1.20	1.40	kg/ha/year	17%	n.a.	-
Climate protection	N2O emissions	-	-	van der Weerden et al. (2000)	1160	Weerden2000	7.99	1.86	kg/ha/year	-77%	n.a.	+
Climate protection	SOC content	-	-	Anderson und Paulsen (2016)	1161	Anderson_Dairy	1.66	1.40	%	-16%	n.a.	-
Climate protection	SOC content	-	-	Anderson und Paulsen (2016)	1162	Anderson_Mixed	1.66	1.20	%	-28%	n.a.	-
Climate protection	SOC content	-	-	Anderson und Paulsen (2016)	1163	Anderson_Pig	1.66	1.28	%	-23%	n.a.	-
Climate protection	SOC content	-	-	Anderson und Paulsen (2016)	1164	Anderson_Stockless1	1.66	1.30	%	-22%	n.a.	-
Climate protection	SOC content	-	-	Anderson und Paulsen (2016)	1165	Anderson_Stockless2	1.66	1.21	%	-27%	n.a.	-
Climate protection	SOC content	-	-	Andrews et al. (2002)	1166	Andrews_farm7	0.63	1.03	%	63%	n.a.	+
Climate protection	SOC content	-	-	Armstrong Brown et al. (2000)	1167	Armstrong_arable	1.77	2.37	%	34%	n.a.	+
Climate protection	SOC content	-	-	Armstrong Brown et al. (2000)	1168	Armstrong_hort	1.51	2.38	%	58%	n.a.	+
Climate protection	SOC content	-	-	Armstrong Brown et al. (2000)	1169	Armstrong_pasture	3.09	2.75	%	-11%	n.a.	-
Climate protection	SOC content	-	-	Autret et al. (2016)	1170	Autret_1	4.60	4.50	%	-2%	n.a.	=
Climate protection	SOC content	-	-	Autret et al. (2016)	1171	Autret_2	4.20	4.50	%	7%	n.a.	=
Climate protection	SOC content	-	-	Autret et al. (2016)	1172	Autret_3	3.50	4.50	%	29%	n.a.	+
Climate protection	SOC content	-	-	Bakšienė et al. (2014)	1173	Baksiene	1.32	1.27	%	-4%	n.a.	=
Climate protection	SOC content	-	-	Benitez et al. (2006)	1174	Benitez_Camb	1.03	1.08	%	5%	n.a.	=
Climate protection	SOC content	-	-	Benitez et al. (2006)	1175	Benitez_Camb_no-tillage_2	1.50	1.53	%	2%	n.a.	=
Climate protection	SOC content	-	-	Benitez et al. (2006)	1176	Benitez_Camb_no-tillage_3	1.26	1.26	%	0%	n.a.	=
Climate protection	SOC content	-	-	Benitez et al. (2006)	1177	Benitez_Luv_no-tillage	0.88	0.65	%	-26%	n.a.	-
Climate protection	SOC content	-	-	Benitez et al. (2006)	1178	Benitez_Luv_tillage	0.88	1.32	%	50%	n.a.	+
Climate protection	SOC content	-	-	Benitez et al. (2006)	1179	Benitez_Reg_herbicide	1.07	1.27	%	19%	n.a.	+
Climate protection	SOC content	-	-	Benitez et al. (2006)	1180	Benitez_Reg_tillage	1.07	1.27	%	19%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1181	Benoit_1	0.53	0.65	%	23%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1182	Benoit_10	0.80	0.59	%	-26%	n.a.	-
Climate protection	SOC content	-	-	Benoit et al. (2015)	1183	Benoit_2	0.53	0.98	%	85%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1184	Benoit_3	0.53	0.91	%	72%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1185	Benoit_4	0.53	0.64	%	21%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1186	Benoit_5	0.53	0.59	%	11%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1187	Benoit_6	0.80	0.65	%	-19%	n.a.	-
Climate protection	SOC content	-	-	Benoit et al. (2015)	1188	Benoit_7	0.80	0.98	%	23%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1189	Benoit_8	0.80	0.91	%	14%	n.a.	+
Climate protection	SOC content	-	-	Benoit et al. (2015)	1190	Benoit_9	0.80	0.64	%	-20%	n.a.	-
Climate protection	SOC content	-	-	Berthrong et al. (2013)	1191	Berthrong	0.96	1.22	%	27%	n.a.	+
Climate protection	SOC content	-	-	Blakemore (2000)	1192	Blakemore_2000_1	2.34	4.00	%	71%	n.a.	+
Climate protection	SOC content	-	-	Blakemore (2000)	1193	Blakemore_2000_2	1.75	4.00	%	129%	n.a.	+
Climate protection	SOC content	-	-	Blanco-Canqui et al. (2017)	1194	Blanco_1	1.08	1.17	%	8%	n.a.	=
Climate protection	SOC content	-	-	Blanco-Canqui et al. (2017)	1195	Blanco_2	1.18	1.17	%	-1%	n.a.	=
Climate protection	SOC content	-	-	Blanco-Canqui et al. (2017)	1196	Blanco_3	1.08	1.23	%	14%	n.a.	+
Climate protection	SOC content	-	-	Blanco-Canqui et al. (2017)	1197	Blanco_4	1.18	1.23	%	4%	n.a.	=
Climate protection	SOC content	-	-	Brunori et al. (2016)	1198	Brunori	1.56	2.72	%	74%	n.a.	+
Climate protection	SOC content	-	-	Campos-Herrera et al. (2010)	1199	Campos-Herrera_apple	1.75	1.76	%	1%	n.a.	=
Climate protection	SOC content	-	-	Campos-Herrera et al. (2010)	1200	Campos-Herrera_arable	1.50	1.53	%	2%	n.a.	=
Climate protection	SOC content	-	-	Campos-Herrera et al. (2010)	1201	Campos-Herrera_vinyard	0.95	1.16	%	22%	n.a.	+
Climate protection	SOC content	-	-	Canali et al. (2009)	1202	Canali_2009	0.87	1.09	%	25%	n.a.	+
Climate protection	SOC content	-	-	Capriel (1991)	1203	Capriel_1991_1	2.22	2.40	%	8%	n.a.	=
Climate protection	SOC content	-	-	Capriel (1991)	1204	Capriel_1991_2	1.50	1.49	%	-1%	n.a.	=
Climate protection	SOC content	-	-	Capriel (1991)	1205	Capriel_1991_3	1.20	1.37	%	15%	n.a.	+
Climate protection	SOC content	-	-	Capriel (1991)	1206	Capriel_1991_4	1.33	1.51	%	14%	n.a.	+
Climate protection	SOC content	-	-	Capriel (1991)	1207	Capriel_1991_5	1.13	1.35	%	19%	n.a.	+
Climate protection	SOC content	-	-	Cates und Ruark (2017)	1208	Cates_1	1.87	1.61	%	-14%	n.a.	-
Climate protection	SOC content	-	-	Cates und Ruark (2017)	1209	Cates_2	1.56	1.61	%	3%	n.a.	=
Climate protection	SOC content	-	-	Chen et al. (2014)	1210	Chen_2014_1	1.45	1.11	%	-23%	n.a.	-
Climate protection	SOC content	-	-	Chen et al. (2014)	1211	Chen_2014_2	1.08	1.11	%	3%	n.a.	=
Climate protection	SOC content	-	-	Chen et al. (2016)	1212	Chen	5.11	6.82	%	33%	n.a.	+
Climate protection	SOC content	-	-	Chirinda et al. (2010)	1213	Chirinda_2010_1	1.87	2.40	%	28%	n.a.	+

Climate protection	SOC content	-	-	Chirinda et al. (2010)	1214	Chirinda_2010_2	1.87	2.01	%	7%	n.a.	=
Climate protection	SOC content	-	-	Chirinda et al. (2010)	1215	Chirinda_2010_3	1.87	2.39	%	28%	n.a.	+
Climate protection	SOC content	-	-	Chirinda et al. (2010)	1216	Chirinda_2010_4	0.78	0.95	%	22%	n.a.	+
Climate protection	SOC content	-	-	Chirinda et al. (2010)	1217	Chirinda_2010_5	0.78	0.92	%	18%	n.a.	+
Climate protection	SOC content	-	-	Chirinda et al. (2010)	1218	Chirinda_2010_6	0.78	0.99	%	27%	n.a.	+
Climate protection	SOC content	-	-	Ciavatta et al. (2008)	1219	Ciavatta_subsoil	0.71	0.80	%	13%	n.a.	+
Climate protection	SOC content	-	-	Ciavatta et al. (2008)	1220	Ciavatta_topsoil	0.84	1.59	%	89%	n.a.	+
Climate protection	SOC content	-	-	Clark et al. (1998)	1221	Clark_1998_1	0.97	1.02	%	5%	n.a.	=
Climate protection	SOC content	-	-	Clark et al. (1998)	1222	Clark_1998_2	0.94	1.02	%	8%	n.a.	=
Climate protection	SOC content	-	-	Clark et al. (1998)	1223	Clark_1998_3	0.91	1.02	%	12%	n.a.	+
Climate protection	SOC content	-	-	Crittenden et al. (2015)	1224	Crittenden_A_MP	1.69	2.06	%	22%	n.a.	+
Climate protection	SOC content	-	-	Crittenden et al. (2015)	1225	Crittenden_A_NIT	1.84	2.13	%	16%	n.a.	+
Climate protection	SOC content	-	-	Crittenden et al. (2015)	1226	Crittenden_B_MP	1.69	2.04	%	21%	n.a.	+
Climate protection	SOC content	-	-	Crittenden et al. (2015)	1227	Crittenden_B_NIT	1.84	2.24	%	21%	n.a.	+
Climate protection	SOC content	-	-	Delate und Cambardella (2004)	1228	Delate_2004_1	1.40	1.58	%	13%	n.a.	+
Climate protection	SOC content	-	-	Delate und Cambardella (2004)	1229	Delate_2004_2	1.40	1.57	%	12%	n.a.	+
Climate protection	SOC content	-	-	Delate und Cambardella (2004)	1230	Delate_2004_3	2.49	2.63	%	6%	n.a.	=
Climate protection	SOC content	-	-	Deria et al. (2003)	1231	Deria et al. 2003_site 1	2.49	2.61	%	5%	n.a.	=
Climate protection	SOC content	-	-	Deria et al. (2003)	1232	Deria et al. 2003_site 2	2.49	2.57	%	3%	n.a.	=
Climate protection	SOC content	-	-	Deria et al. (2003)	1233	Deria et al. 2003_site 3	0.54	0.40	%	-26%	n.a.	-
Climate protection	SOC content	-	-	Deria et al. (2003)	1234	Deria et al. 2003_site 4	0.95	0.91	%	-4%	n.a.	=
Climate protection	SOC content	-	-	Deria et al. (2003)	1235	Deria et al. 2003_site 5	0.53	0.55	%	4%	n.a.	=
Climate protection	SOC content	-	-	Deria et al. (2003)	1236	Deria et al. 2003_site 6	0.68	0.55	%	-19%	n.a.	-
Climate protection	SOC content	-	-	Deria et al. (2003)	1237	Deria et al. 2003_site 7	1.74	1.90	%	9%	n.a.	=
Climate protection	SOC content	-	-	Derrick und Dumaresq (1999)	1238	Derrick_1999	0.69	0.75	%	9%	n.a.	=
Climate protection	SOC content	-	-	Diez et al. (1991)	1239	Diez_1991	0.16	0.14	%	-13%	n.a.	-
Climate protection	SOC content	-	-	Dilly et al. (2001)	1240	Dilly_1	1.07	1.21	%	13%	n.a.	+
Climate protection	SOC content	-	-	Dilly et al. (2001)	1241	Dilly_2	1.24	1.43	%	15%	n.a.	+
Climate protection	SOC content	-	-	Droogers und Bouma (1996)	1242	Droogers_arable	1.40	1.40	%	0%	n.a.	=
Climate protection	SOC content	-	-	Droogers und Bouma (1996)	1243	Droogers_grass	2.60	2.60	%	0%	n.a.	=
Climate protection	SOC content	-	-	Efthimiadou et al. (2010)	1244	Efthimiadou_1	0.88	0.90	%	2%	n.a.	=
Climate protection	SOC content	-	-	Efthimiadou et al. (2010)	1245	Efthimiadou_2	0.79	1.28	%	62%	n.a.	+
Climate protection	SOC content	-	-	Eltun et al. (2002)	1246	Eltun_2	1.47	1.20	%	-18%	n.a.	-
Climate protection	SOC content	-	-	Eltun et al. (2002)	1247	Eltun_3	1.47	1.63	%	11%	n.a.	+
Climate protection	SOC content	-	-	Eltun et al. (2002)	1248	Eltun_4	2.08	2.33	%	12%	n.a.	+
Climate protection	SOC content	-	-	Eltun et al. 2002 (2002)	1249	Eltun_1	2.60	2.33	%	-10%	n.a.	-
Climate protection	SOC content	-	-	Fraser et al. (2015)	1250	Frazer_1	2.89	2.15	%	-26%	n.a.	-
Climate protection	SOC content	-	-	Fraser et al. (2015)	1251	Frazer_2	2.99	2.15	%	-28%	n.a.	-
Climate protection	SOC content	-	-	Friedel (2000)	1252	Friedel_2000	3.67	3.56	%	-3%	n.a.	=
Climate protection	SOC content	-	-	Gajda et al. (2016)	1253	Gajda_1	3.67	3.45	%	-6%	n.a.	=
Climate protection	SOC content	-	-	Gajda et al. (2016)	1254	Gajda_2	3.16	3.50	%	11%	n.a.	+
Climate protection	SOC content	-	-	Garcia-Pausas et al. (2017)	1255	Garcia	1.02	1.68	%	65%	n.a.	+
Climate protection	SOC content	-	-	García-Ruiz et al. (2009)	1256	Garcia_Ruiz_1	1.17	1.68	%	44%	n.a.	+
Climate protection	SOC content	-	-	García-Ruiz et al. (2009)	1257	Garcia_Ruiz_2	1.15	1.81	%	57%	n.a.	+
Climate protection	SOC content	-	-	García-Ruiz et al. (2009)	1258	Garcia_Ruiz_3	3.09	4.73	%	53%	n.a.	+
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1259	Gardner_1	2.10	2.89	%	38%	n.a.	+
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1260	Gardner_2	1.93	2.91	%	51%	n.a.	+
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1261	Gardner_3	1.80	2.70	%	50%	n.a.	+
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1262	Gardner_4	3.57	2.70	%	-24%	n.a.	-
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1263	Gardner_5	1.82	2.42	%	33%	n.a.	+
Climate protection	SOC content	-	-	Gardner and Clancy (1996)	1264	Gardner_6	3.10	2.42	%	-22%	n.a.	-
Climate protection	SOC content	-	-	Ge et al. (2011)	1265	Ge_2011	1.78	1.64	%	-8%	n.a.	=
Climate protection	SOC content	-	-	Gerhardt (1997)	1266	Gehrhardt_1997	2.02	1.64	%	-19%	n.a.	-
Climate protection	SOC content	-	-	Ghimire et al. (2016)	1267	Ghimire_1	0.77	1.65	%	114%	n.a.	+
Climate protection	SOC content	-	-	Ghimire et al. (2016)	1268	Ghimire_2	1.23	3.75	%	206%	n.a.	+
Climate protection	SOC content	-	-	Glover et al. (2000)	1269	Glover_1	2.39	2.00	%	-16%	n.a.	-
Climate protection	SOC content	-	-	Glover et al. (2000)	1270	Glover_2	1.79	2.00	%	12%	n.a.	+
Climate protection	SOC content	-	-	González-Peñaloza et al. (2012)	1271	Gonzales_1	0.95	1.32	%	39%	n.a.	+

Climate protection	SOC content	-	-	González-Peñaloza et al. (2012)	1272	Gonzales_2	1.18	1.32	%	12%	n.a.	+
Climate protection	SOC content	-	-	González-Peñaloza et al. (2012)	1273	Gonzales_3	1.06	3.12	%	193%	n.a.	+
Climate protection	SOC content	-	-	González-Peñaloza et al. (2012)	1274	Gonzales_4	2.51	3.12	%	25%	n.a.	+
Climate protection	SOC content	-	-	Gosling und Shepherd (2005)	1275	Gosling_high	2.51	1.72	%	-31%	n.a.	-
Climate protection	SOC content	-	-	Gosling und Shepherd (2005)	1276	Gosling_low	1.06	1.72	%	62%	n.a.	+
Climate protection	SOC content	-	-	Grandy und Robertson (2007)	1277	Grandy_1	2.08	2.41	%	16%	n.a.	+
Climate protection	SOC content	-	-	Grandy und Robertson (2007)	1278	Grandy_2	2.08	2.19	%	5%	n.a.	=
Climate protection	SOC content	-	-	Grandy und Robertson (2007)	1279	Grandy_3	0.91	1.13	%	24%	n.a.	+
Climate protection	SOC content	-	-	Granstedt und Kjellenberg (2008)	1280	Granstedt_1	1.09	1.13	%	4%	n.a.	=
Climate protection	SOC content	-	-	Granstedt und Kjellenberg (2008)	1281	Granstedt_2	1.30	1.13	%	-13%	n.a.	-
Climate protection	SOC content	-	-	Heitkamp et al. (2009)	1282	Heitkamp_1	2.50	2.86	%	14%	n.a.	+
Climate protection	SOC content	-	-	Heitkamp et al. (2009)	1283	Heitkamp_2	2.12	2.02	%	-5%	n.a.	=
Climate protection	SOC content	-	-	Heitkamp et al. (2009)	1284	Heitkamp_3	0.67	0.75	%	12%	n.a.	+
Climate protection	SOC content	-	-	Hepperly et al. (2006)	1285	Hepperly_1	0.69	0.81	%	18%	n.a.	+
Climate protection	SOC content	-	-	Hepperly et al. (2006)	1286	Hepperly_2	0.72	0.81	%	14%	n.a.	+
Climate protection	SOC content	-	-	Herencia et al. (2011)	1287	Herencia_Galan_2011	2.00	2.50	%	25%	n.a.	+
Climate protection	SOC content	-	-	Kahle et al. (2005)	1288	Kahle_2005	2.00	2.40	%	20%	n.a.	+
Climate protection	SOC content	-	-	Kirchmann et al. (2007)	1289	Kirchmann_2007	0.66	1.47	%	123%	n.a.	+
Climate protection	SOC content	-	-	Kramer et al. (2006)	1290	Kramer_1	0.75	0.78	%	4%	n.a.	=
Climate protection	SOC content	-	-	Kramer et al. (2006)	1291	Kramer_2	2.72	1.56	%	-43%	n.a.	-
Climate protection	SOC content	-	-	Kuhn et al. (2012)	1292	Kuhn_2012	1.30	1.98	%	52%	n.a.	+
Climate protection	SOC content	-	-	Ladoni et al. (2016)	1293	Ladoni_1	1.80	1.98	%	10%	n.a.	=
Climate protection	SOC content	-	-	Ladoni et al. (2016)	1294	Ladoni_2	2.60	3.40	%	31%	n.a.	+
Climate protection	SOC content	-	-	Leifeld et al. (2007)	1295	Leifeld_1	1.00	1.10	%	10%	n.a.	=
Climate protection	SOC content	-	-	Leifeld et al. (2007)	1296	Leifeld_2	1.00	1.00	%	0%	n.a.	=
Climate protection	SOC content	-	-	Leifeld et al. (2007)	1297	Leifeld_3	1.19	1.34	%	13%	n.a.	+
Climate protection	SOC content	-	-	Leifeld et al. (2007)	1298	Leifeld_4	1.30	1.34	%	3%	n.a.	=
Climate protection	SOC content	-	-	López et al. (2014)	1299	Lopez_2014	1.19	1.23	%	3%	n.a.	=
Climate protection	SOC content	-	-	Lucas et al. (2015)	1300	Lucas	1.30	1.23	%	-5%	n.a.	=
Climate protection	SOC content	-	-	Lytton-Hitchins et al. (1994)	1301	Lytton	2.73	5.17	%	89%	n.a.	+
Climate protection	SOC content	-	-	Manoharan et al. (2017)	1302	Manoharan	1.16	1.32	%	14%	n.a.	+
Climate protection	SOC content	-	-	Marinari et al. (2010)	1303	Marinari_2008	3.91	4.64	%	19%	n.a.	+
Climate protection	SOC content	-	-	Marinari et al. (2010)	1304	Marinari_CVI	0.92	1.01	%	10%	n.a.	=
Climate protection	SOC content	-	-	Marinari et al. (2010)	1305	Marinari_LSI	2.70	2.98	%	10%	n.a.	+
Climate protection	SOC content	-	-	Mazzoncini et al. (2010)	1306	Mazzoncini et al. Mazzoncini	1.09	1.28	%	17%	n.a.	+
Climate protection	SOC content	-	-	Melero et al. (2006)	1307	Melero_1	0.76	1.13	%	49%	n.a.	+
Climate protection	SOC content	-	-	Melero et al. (2006)	1308	Melero_2	0.78	0.95	%	22%	n.a.	+
Climate protection	SOC content	-	-	Meng et al. (2016)	1309	Meng	1.07	1.40	%	31%	n.a.	+
Climate protection	SOC content	-	-	Monokrousos et al. (2006)	1310	Monokrousos_1	1.07	1.53	%	43%	n.a.	+
Climate protection	SOC content	-	-	Monokrousos et al. (2006)	1311	Monokrousos_2	1.11	2.27	%	105%	n.a.	+
Climate protection	SOC content	-	-	Monokrousos et al. (2006)	1312	Monokrousos_3	1.57	1.40	%	-11%	n.a.	-
Climate protection	SOC content	-	-	Montes-Borrego et al. (2013)	1313	Montes_2013	2.63	2.49	%	-5%	n.a.	=
Climate protection	SOC content	-	-	Mulla et al. (1992)	1314	Mulla_1	2.61	2.49	%	-5%	n.a.	=
Climate protection	SOC content	-	-	Mulla et al. (1992)	1315	Mulla_2	1.45	1.04	%	-28%	n.a.	-
Climate protection	SOC content	-	-	Mulla et al. (1992)	1316	Mulla_3	1.00	1.30	%	30%	n.a.	+
Climate protection	SOC content	-	-	Murata und Goh (2000)	1317	Murata_arable	1.10	1.90	%	73%	n.a.	+
Climate protection	SOC content	-	-	Murata und Goh (2000)	1318	Murata_pasture	0.60	0.90	%	50%	n.a.	+
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1319	Nguyen_1	3.23	3.32	%	3%	n.a.	=
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1320	Nguyen_2	3.21	3.30	%	3%	n.a.	=
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1321	Nguyen_3	3.40	3.40	%	0%	n.a.	=
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1322	Nguyen_4	3.50	3.90	%	11%	n.a.	+
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1323	Nguyen_5	3.40	3.30	%	-3%	n.a.	=
Climate protection	SOC content	-	-	Nguyen et al. (1994)	1324	Nguyen_6	3.40	3.50	%	3%	n.a.	=
Climate protection	SOC content	-	-	Oberholzer et al. (2000)	1325	Oberholzer	2.90	3.00	%	3%	n.a.	=
Climate protection	SOC content	-	-	Okur et al. (2009)	1326	Okur_2009	3.10	3.20	%	3%	n.a.	=
Climate protection	SOC content	-	-	Okur et al. (2016)	1327	Okur_2016	2.21	2.22	%	0%	n.a.	=
Climate protection	SOC content	-	-	Papadopoulos et al. (2014)	1328	Papadopoulos_Mow	0.75	0.78	%	4%	n.a.	=
Climate protection	SOC content	-	-	Papadopoulos et al. (2014)	1329	Papadopoulos_Terr	0.69	1.38	%	100%	n.a.	+

Climate protection	SOC content	-	-	Papadopoulos et al. (2014)	1330	Papadopoulos_Tull	2.03	2.91	%	43%	n.a.	+
Climate protection	SOC content	-	-	Pardo et al. (2009)	1331	Pardo_1	0.99	1.45	%	47%	n.a.	+
Climate protection	SOC content	-	-	Pardo et al. (2009)	1332	Pardo_2	4.59	4.77	%	4%	n.a.	=
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2014)	1333	Parras_Cambi	1.63	1.62	%	-1%	n.a.	=
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2014)	1334	Parras_Lepto	1.37	1.44	%	5%	n.a.	=
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2015)	1335	Parras	0.64	0.75	%	18%	n.a.	+
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2015)	1336	Parras-Alcantara_CM	0.88	0.88	%	1%	n.a.	=
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2015)	1337	Parras-Alcantara_LP	1.93	2.25	%	17%	n.a.	+
Climate protection	SOC content	-	-	Parras-Alcántara et al. (2015)	1338	Parras-Alcantara_LV	3.37	4.47	%	33%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1339	Petersen_1	1.04	2.47	%	138%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1340	Petersen_2	0.63	1.31	%	108%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1341	Petersen_3	2.04	1.28	%	-37%	n.a.	-
Climate protection	SOC content	-	-	Petersen et al. (1997)	1342	Petersen_4	1.28	2.04	%	59%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1343	Petersen_5	1.28	1.70	%	33%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1344	Petersen_6	1.28	1.37	%	7%	n.a.	=
Climate protection	SOC content	-	-	Petersen et al. (1997)	1345	Petersen_7	1.36	2.04	%	50%	n.a.	+
Climate protection	SOC content	-	-	Petersen et al. (1997)	1346	Petersen_8	1.36	2.04	%	50%	n.a.	+
Climate protection	SOC content	-	-	Phillips (2007)	1347	Phillips	1.36	1.70	%	25%	n.a.	+
Climate protection	SOC content	-	-	Plaza-Bonilla et al. (2013)	1348	PlazaBonilla_2013	1.36	1.37	%	1%	n.a.	=
Climate protection	SOC content	-	-	Probst et al. (2008)	1349	Probst_1	3.58	3.66	%	2%	n.a.	=
Climate protection	SOC content	-	-	Probst et al. (2008)	1350	Probst_2	2.26	5.04	%	123%	n.a.	+
Climate protection	SOC content	-	-	Probst et al. (2008)	1351	Probst_3	2.66	2.68	%	1%	n.a.	=
Climate protection	SOC content	-	-	Probst et al. (2008)	1352	Probst_4	2.42	3.24	%	34%	n.a.	+
Climate protection	SOC content	-	-	Probst et al. (2008)	1353	Probst_5	4.09	5.09	%	24%	n.a.	+
Climate protection	SOC content	-	-	Probst et al. (2008)	1354	Probst_6	3.13	4.65	%	49%	n.a.	+
Climate protection	SOC content	-	-	Probst et al. (2008)	1355	Probst_7	2.96	2.26	%	-24%	n.a.	-
Climate protection	SOC content	-	-	Probst et al. (2008)	1356	Probst_8	2.64	1.68	%	-36%	n.a.	-
Climate protection	SOC content	-	-	Pulleman et al. (2003)	1357	Pulleman2003	3.95	2.44	%	-38%	n.a.	-
Climate protection	SOC content	-	-	Rasul und Thapa (2004)	1358	Rasul	2.83	1.78	%	-37%	n.a.	-
Climate protection	SOC content	-	-	Reganold et al. (1993)	1359	Reganold_citrus	0.90	1.40	%	56%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (1993)	1360	Reganold_dairy1	0.63	1.35	%	114%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (1993)	1361	Reganold_dairy2	5.58	6.48	%	16%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (1993)	1362	Reganold_fruit	5.32	4.78	%	-10%	n.a.	-
Climate protection	SOC content	-	-	Reganold et al. (1993)	1363	Reganold_grain	3.45	4.13	%	20%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (1993)	1364	Reganold_market	3.85	4.79	%	24%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (1993)	1365	Reganold_sheep	5.50	4.37	%	-21%	n.a.	-
Climate protection	SOC content	-	-	Reganold et al. (2010)	1366	Reganold_2010_1	3.06	4.30	%	41%	n.a.	+
Climate protection	SOC content	-	-	Reganold et al. (2010)	1367	Reganold_2010_2	2.99	3.83	%	28%	n.a.	+
Climate protection	SOC content	-	-	Romanyà et al. (2012)	1368	Romanya_2012	0.83	1.00	%	22%	n.a.	+
Climate protection	SOC content	-	-	Romanyà und Rovira (2009)	1369	Romanya_irrigated	0.77	0.94	%	22%	n.a.	+
Climate protection	SOC content	-	-	Romanyà und Rovira (2009)	1370	Romanya_rainfed	0.70	0.92	%	31%	n.a.	+
Climate protection	SOC content	-	-	Rühling et al. (2005)	1371	Ruehling	0.81	0.72	%	-11%	n.a.	-
Climate protection	SOC content	-	-	Sacco et al. (2015)	1372	Sacco_1	1.30	1.13	%	-13%	n.a.	-
Climate protection	SOC content	-	-	Sacco et al. (2015)	1373	Sacco_2	1.25	1.39	%	11%	n.a.	+
Climate protection	SOC content	-	-	Sánchez de Cima et al. (2015)	1374	DeCima_1	0.87	0.92	%	6%	n.a.	=
Climate protection	SOC content	-	-	Sánchez de Cima et al. (2015)	1375	DeCima_2	0.87	0.84	%	-3%	n.a.	=
Climate protection	SOC content	-	-	Schjønning et al. (2002)	1376	Schjønning_1	1.64	1.39	%	-16%	n.a.	-
Climate protection	SOC content	-	-	Schjønning et al. (2002)	1377	Schjønning_2	1.48	1.39	%	-6%	n.a.	=
Climate protection	SOC content	-	-	Schjønning et al. (2002)	1378	Schjønning_3	2.06	2.30	%	11%	n.a.	+
Climate protection	SOC content	-	-	Schjønning et al. (2002)	1379	Schjønning_4	1.40	2.06	%	47%	n.a.	+
Climate protection	SOC content	-	-	Sehy (2003)	1380	Sehy_1	1.65	1.54	%	-7%	n.a.	=
Climate protection	SOC content	-	-	Sehy (2003)	1381	Sehy_2	1.65	1.43	%	-13%	n.a.	-
Climate protection	SOC content	-	-	Sehy (2003)	1382	Sehy_3	1.35	1.54	%	14%	n.a.	+
Climate protection	SOC content	-	-	Sehy (2003)	1383	Sehy_4	1.35	1.43	%	6%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czako (2014)	1384	Simon_2014_Comp_1	1.60	1.60	%	0%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czako (2014)	1385	Simon_2014_Comp_2	1.68	1.60	%	-5%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czako (2014)	1386	Simon_2014_Comp_3	1.59	1.60	%	0%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czako (2014)	1387	Simon_2014_Comp_4	1.44	1.60	%	11%	n.a.	+

Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1388	Simon_2014_Csl_1	1.60	1.41	%	-12%	n.a.	-
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1389	Simon_2014_Csl_2	1.68	1.41	%	-16%	n.a.	-
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1390	Simon_2014_Csl_3	1.59	1.41	%	-11%	n.a.	-
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1391	Simon_2014_Csl_4	1.44	1.41	%	-2%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1392	Simon_2014_FYM_1	1.60	1.72	%	8%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1393	Simon_2014_FYM_2	1.68	1.72	%	2%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1394	Simon_2014_FYM_3	1.59	1.72	%	8%	n.a.	=
Climate protection	SOC content	-	-	Šimon und Czakó (2014)	1395	Simon_2014_FYM_4	1.44	1.72	%	19%	n.a.	+
Climate protection	SOC content	-	-	Snapp et al. (2010)	1396	Snapp_2010	0.96	0.83	%	-14%	n.a.	-
Climate protection	SOC content	-	-	Snapp et al. (2010)	1397	Snapp_2010	0.81	0.80	%	-1%	n.a.	=
Climate protection	SOC content	-	-	Snapp et al. (2010)	1398	Snapp_2010	1.20	1.16	%	-3%	n.a.	=
Climate protection	SOC content	-	-	Snapp et al. (2010)	1399	Snapp_2010	1.15	1.10	%	-4%	n.a.	=
Climate protection	SOC content	-	-	Steinmetz et al. (2017)	1400	Steinmetz	1.04	1.13	%	9%	n.a.	=
Climate protection	SOC content	-	-	Stenberg et al. (2012)	1401	Stenberg_1	1.60	1.90	%	19%	n.a.	+
Climate protection	SOC content	-	-	Stenberg et al. (2012)	1402	Stenberg_2	1.70	1.90	%	12%	n.a.	+
Climate protection	SOC content	-	-	Sun et al. (2017)	1403	Sun_pop_0	1.15	1.14	%	-1%	n.a.	=
Climate protection	SOC content	-	-	Sun et al. (2017)	1404	Sun_pop_15	1.21	1.09	%	-10%	n.a.	-
Climate protection	SOC content	-	-	Sun et al. (2017)	1405	Sun_pop_2	1.15	1.06	%	-8%	n.a.	=
Climate protection	SOC content	-	-	Sun et al. (2017)	1406	Sun_rob_0	1.45	1.28	%	-12%	n.a.	-
Climate protection	SOC content	-	-	Sun et al. (2017)	1407	Sun_rob_15	1.20	1.83	%	52%	n.a.	+
Climate protection	SOC content	-	-	Sun et al. (2017)	1408	Sun_rob_2	1.23	1.40	%	13%	n.a.	+
Climate protection	SOC content	-	-	Tautges et al. (2016)	1409	Tautges	1.69	1.86	%	10%	n.a.	+
Climate protection	SOC content	-	-	Teasdale et al. (2007)	1410	Teasdale_1	1.12	1.51	%	35%	n.a.	+
Climate protection	SOC content	-	-	Teasdale et al. (2007)	1411	Teasdale_2	1.25	1.51	%	21%	n.a.	+
Climate protection	SOC content	-	-	Teasdale et al. (2007)	1412	Teasdale_3	1.10	1.51	%	37%	n.a.	+
Climate protection	SOC content	-	-	Turinek et al. (2006)	1413	Vandiepeningen_clay	1.80	1.80	%	0%	n.a.	=
Climate protection	SOC content	-	-	Turinek et al. (2006)	1414	Vandiepeningen_sand	1.80	1.90	%	6%	n.a.	=
Climate protection	SOC content	-	-	Turinek et al. (2017)	1415	Turinek_1	2.02	2.04	%	1%	n.a.	=
Climate protection	SOC content	-	-	Turinek et al. (2017)	1416	Turinek_2	2.54	2.83	%	11%	n.a.	+
Climate protection	SOC content	-	-	Vavoulidou et al. (2009)	1417	Arkadia_vineyard	0.80	0.77	%	-4%	n.a.	=
Climate protection	SOC content	-	-	Vavoulidou et al. (2009)	1418	Attiki_vineyard	0.67	0.91	%	36%	n.a.	+
Climate protection	SOC content	-	-	Vavoulidou et al. (2009)	1419	Chania_olive	1.75	1.39	%	-21%	n.a.	-
Climate protection	SOC content	-	-	Vavoulidou et al. (2009)	1420	Chania_orchard	1.62	1.68	%	4%	n.a.	=
Climate protection	SOC content	-	-	Vavoulidou et al. (2009)	1421	Mesinia_olive	2.42	1.77	%	-27%	n.a.	-
Climate protection	SOC content	-	-	Verbruggen et al. (2012)	1422	Verbruggen	1.92	2.03	%	6%	n.a.	=
Climate protection	SOC content	-	-	Wang et al. (2011)	1423	Wang et al. 2011_no tillage	1.28	1.70	%	33%	n.a.	+
Climate protection	SOC content	-	-	Wang et al. (2011)	1424	Wang et al. 2011_tillage	0.70	0.84	%	20%	n.a.	+
Climate protection	SOC content	-	-	Welsh et al. (2009)	1425	Welsh_1	4.19	3.90	%	-7%	n.a.	=
Climate protection	SOC content	-	-	Welsh et al. (2009)	1426	Welsh_2	4.71	4.71	%	0%	n.a.	=
Climate protection	SOC content	-	-	Welsh et al. (2009)	1427	Welsh_3	4.59	4.59	%	0%	n.a.	=
Climate protection	SOC content	-	-	Williams et al. (2014)	1428	Williams2014	0.92	1.01	%	10%	n.a.	=
Climate protection	SOC content	-	-	Wu et al. (2015)	1429	Wu_1	0.23	0.45	%	100%	n.a.	+
Climate protection	SOC content	-	-	Wu et al. (2015)	1430	Wu_2	0.23	0.65	%	185%	n.a.	+
Climate protection	SOC sequestration	-	-	Autret et al. (2016)	1431	Autret_1	81.25	275.00	kg/ha/year	238%	n.a.	+
Climate protection	SOC sequestration	-	-	Autret et al. (2016)	1432	Autret_2	18.75	275.00	kg/ha/year	1367%	n.a.	+
Climate protection	SOC sequestration	-	-	Autret et al. (2016)	1433	Autret_3	625.00	275.00	kg/ha/year	-56%	n.a.	-
Climate protection	SOC sequestration	-	-	Delate und Cambardella (2004)	1434	Delate_2004_1	121.63	220.50	kg/ha/year	81%	n.a.	+
Climate protection	SOC sequestration	-	-	Delate und Cambardella (2004)	1435	Delate_2004_2	121.63	240.50	kg/ha/year	98%	n.a.	+
Climate protection	SOC sequestration	-	-	Delate und Cambardella (2004)	1436	Delate_2004_3	1221.38	1828.13	kg/ha/year	50%	n.a.	+
Climate protection	SOC sequestration	-	-	Diez et al. (1991)	1437	Diez_1991	1221.38	1972.13	kg/ha/year	61%	n.a.	+
Climate protection	SOC sequestration	-	-	Eltun et al. (2002)	1438	Eltun_1	1221.38	2193.00	kg/ha/year	80%	n.a.	+
Climate protection	SOC sequestration	-	-	Eltun et al. (2002)	1439	Eltun_2	52.20	383.06	kg/ha/year	634%	n.a.	+
Climate protection	SOC sequestration	-	-	Eltun et al. (2002)	1440	Eltun_3	-1957.47	-1507.91	kg/ha/year	-23%	n.a.	+
Climate protection	SOC sequestration	-	-	Eltun et al. (2002)	1441	Eltun_4	-195.97	-1507.91	kg/ha/year	669%	n.a.	-
Climate protection	SOC sequestration	-	-	Ghimire et al. (2016)	1442	Ghimire_1	1141.07	-880.43	kg/ha/year	-177%	n.a.	-
Climate protection	SOC sequestration	-	-	Ghimire et al. (2016)	1443	Ghimire_2	-213.12	-880.43	kg/ha/year	313%	n.a.	-
Climate protection	SOC sequestration	-	-	Grandy und Robertson (2007)	1444	Grandy_1	1850.00	850.00	kg/ha/year	-54%	n.a.	-
Climate protection	SOC sequestration	-	-	Grandy und Robertson (2007)	1445	Grandy_2	-550.00	850.00	kg/ha/year	-255%	n.a.	+

Climate protection	SOC sequestration	-	-	Grandy und Robertson (2007)	1446	Grandy_3	0.00	123.00	kg/ha/year	-	n.a.	+
Climate protection	SOC sequestration	-	-	Granstedt und Kjellenberg (2008)	1447	Granstedt_1	89.00	123.00	kg/ha/year	38%	n.a.	+
Climate protection	SOC sequestration	-	-	Granstedt und Kjellenberg (2008)	1448	Granstedt_2	220.00	123.00	kg/ha/year	-44%	n.a.	-
Climate protection	SOC sequestration	-	-	Heitkamp et al. (2009)	1449	Heitkamp_1	-11.56	142.50	kg/ha/year	-1332%	n.a.	+
Climate protection	SOC sequestration	-	-	Heitkamp et al. (2009)	1450	Heitkamp_2	624.38	305.94	kg/ha/year	-51%	n.a.	-
Climate protection	SOC sequestration	-	-	Heitkamp et al. (2009)	1451	Heitkamp_3	-238.46	-173.08	kg/ha/year	-27%	n.a.	+
Climate protection	SOC sequestration	-	-	Hepperly et al. (2006)	1452	Hepperly_1	-207.69	-238.46	kg/ha/year	15%	n.a.	-
Climate protection	SOC sequestration	-	-	Hepperly et al. (2006)	1453	Hepperly_2	-253.85	-65.38	kg/ha/year	-74%	n.a.	+
Climate protection	SOC sequestration	-	-	Kong et al. (2005)	1454	Kong_2005_1	293.00	981.00	kg/ha/year	235%	n.a.	+
Climate protection	SOC sequestration	-	-	Kong et al. (2005)	1455	Kong_2005_2	293.00	574.00	kg/ha/year	96%	n.a.	+
Climate protection	SOC sequestration	-	-	Kong et al. (2005)	1456	Kong_2005_3	-60.00	560.00	kg/ha/year	-1033%	n.a.	+
Climate protection	SOC sequestration	-	-	Lazzerini et al. (2014)	1457	Lazzerini_2012	-10.00	560.00	kg/ha/year	-5700%	n.a.	+
Climate protection	SOC sequestration	-	-	Leifeld et al. (2007)	1458	Leifeld_1	40.00	560.00	kg/ha/year	1300%	n.a.	+
Climate protection	SOC sequestration	-	-	Leifeld et al. (2007)	1459	Leifeld_2	-540.00	480.00	kg/ha/year	-189%	n.a.	+
Climate protection	SOC sequestration	-	-	Leifeld et al. (2007)	1460	Leifeld_3	-140.74	-140.74	kg/ha/year	0%	n.a.	=
Climate protection	SOC sequestration	-	-	Leifeld et al. (2007)	1461	Leifeld_4	-218.52	-140.74	kg/ha/year	-36%	n.a.	+
Climate protection	SOC sequestration	-	-	Marinari et al. (2010)	1462	Marinari_2008	-140.74	-125.93	kg/ha/year	-11%	n.a.	+
Climate protection	SOC sequestration	-	-	Rühling et al. (2005)	1463	Ruehling	-218.52	-125.93	kg/ha/year	-42%	n.a.	+
Climate protection	SOC sequestration	-	-	Sacco et al. (2015)	1464	Sacco_1	820.08	1444.91	kg/ha/year	76%	n.a.	+
Climate protection	SOC sequestration	-	-	Sacco et al. (2015)	1465	Sacco_2	-120.00	180.00	kg/ha/year	-250%	n.a.	+
Climate protection	SOC sequestration	-	-	Sánchez de Cima et al. (2015)	1466	DeCima_1	-2709.33	-1248.83	kg/ha/year	-54%	n.a.	+
Climate protection	SOC sequestration	-	-	Sánchez de Cima et al. (2015)	1467	DeCima_2	-2709.33	-2123.17	kg/ha/year	-22%	n.a.	+
Climate protection	SOC sequestration	-	-	Snapp et al. (2010)	1468	Snapp_2010_Bi	191.36	1157.27	kg/ha/year	505%	n.a.	+
Climate protection	SOC sequestration	-	-	Snapp et al. (2010)	1469	Snapp_2010_Mono	160.00	1127.05	kg/ha/year	604%	n.a.	+
Climate protection	SOC sequestration	-	-	Snapp et al. (2010)	1470	Snapp_2010_Six	661.82	975.91	kg/ha/year	47%	n.a.	+
Climate protection	SOC sequestration	-	-	Snapp et al. (2010)	1471	Snapp_2010_Tri	254.09	1278.18	kg/ha/year	403%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kus and Stalenga (2000)	1472	Kus2000_1	7.17	5.93	GJ ha	-17%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Lin et al. (2016)	1473	Lin2016B_1FF	12.20	5.50	GJ ha	-55%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Loges et al. (2006)	1474	Loges2006_1	15.57	6.07	GJ ha	-61%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Loges et al. (2006)	1475	Loges2006_1	15.57	4.50	GJ ha	-71%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Loges et al. (2006)	1476	Loges2006_1	15.57	6.96	GJ ha	-55%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Küstermann et al. (2008)	1477	Kuest2008_1FF	14.00	5.90	GJ ha	-58%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Küstermann et al. (2008)	1478	Kuest2008_2FF	11.70	5.30	GJ ha	-55%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Gelfand et al. (2010)	1479	Gelfa2010_1FF	4.90	4.80	GJ ha	-2%	n.a.	=
Resource use and efficiency	Energy input	-	Crop rotation	Gelfand et al. (2010)	1480	Gelfa2010_2FF	7.10	5.50	GJ ha	-23%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Gaudino et al. (2014)	1481	Gaudi2014_1FF	12.75	2.35	GJ ha	-82%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Gaudino et al. (2014)	1482	Gaudi2014_2FF	10.63	2.86	GJ ha	-73%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Gaudino et al. (2014)	1483	Gaudi2014_3FF	15.30	3.28	GJ ha	-79%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Gaudino et al. (2014)	1484	Gaudi2014_3FF	20.10	5.10	GJ ha	-75%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Hoepfner et al. (2006)	1485	Hoepf2006_1FF	17.12	6.06	GJ ha	-65%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Hoepfner et al. (2006)	1486	Hoepf2006_2FF	12.31	5.55	GJ ha	-55%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nguyen and Haynes (1995)	1487	Nguye1995B_1FF	31.79	16.72	GJ ha	-47%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nguyen and Haynes (1995)	1488	Nguye1995B_2FF	35.88	27.66	GJ ha	-23%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nguyen and Haynes (1995)	1489	Nguye1995B_3FF	25.40	24.87	GJ ha	-2%	n.a.	=
Resource use and efficiency	Energy input	-	Crop rotation	Ślawiński and Bujaczek (2012)	1490	Slawi2012_1FF	27.54	17.55	GJ ha	-36%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Zentner et al. (2011)	1491	Zentn2011_1FF	3.47	1.96	GJ ha	-43%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Zentner et al. (2011)	1492	Zentn2011_2FF	4.49	1.90	GJ ha	-58%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Zentner et al. (2011)	1493	Zentn2011_3FF	3.81	1.81	GJ ha	-53%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Deike et al. (2008)	1494	Deike2008_1FF	10.60	8.20	GJ ha	-23%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Deike et al. (2008)	1495	Deike2008_2FF	12.90	8.20	GJ ha	-36%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Deike et al. (2008)	1496	Deike2008_3FF	12.30	8.00	GJ ha	-35%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Deike et al. (2008)	1497	Deike2008_4FF	12.40	8.00	GJ ha	-35%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Bertilsson et al. (2009)	1498	Berti2009_1FF	10.26	5.25	GJ ha	-49%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Bertilsson et al. (2009)	1499	Berti2009_2FF	14.23	7.19	GJ ha	-49%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Hill (2009)	1500	Hill2009_1FF	17.12	6.06	GJ ha	-65%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Hill (2009)	1501	Hill2009_2FF	12.31	5.55	GJ ha	-55%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Klimeková and Lehocká (2007)	1502	Klime2007_1FF	20.42	13.39	GJ ha	-34%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Dal Ferro et al. (2017)	1503	DalFe2017_1FF	20.99	12.91	GJ ha	-38%	n.a.	+

Resource use and efficiency	Energy input	-	Crop rotation	Sartori, L. et al. (2005)	1504	Sarto2005_1FF	28.44	13.80	GJ ha	-51%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Clements et al. (1995)	1505	Cleme1995_1	8.68	2.86	GJ ha	-67%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Pimentel et al. (2005)	1506	Pimen2005_1FF	21.80	15.50	GJ ha	-29%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Pimentel et al. (2005)	1507	Pimen2005_1FF	21.80	14.60	GJ ha	-33%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Karlen et al. (1995)	1508	Karle1995_1FF	4.02	2.13	GJ ha	-47%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Karlen et al. (1995)	1509	Karle1995_1FF	4.02	10.24	GJ ha	155%	n.a.	-
Resource use and efficiency	Energy input	-	Crop rotation	Karlen et al. (1995)	1510	Karle1995_2FF	5.75	1.62	GJ ha	-72%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Karlen et al. (1995)	1511	Karle1995_2FF	5.75	9.67	GJ ha	68%	n.a.	-
Resource use and efficiency	Energy input	-	Crop rotation	Rahmann et al. (2008)	1512	Rahma2008_1FF	17.00	13.20	GJ ha	-22%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Rahmann et al. (2008)	1513	Rahma2008_2FF	21.00	14.50	GJ ha	-31%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Rahmann et al. (2008)	1514	Rahma2008_3FF	26.90	12.60	GJ ha	-53%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Mäder et al. (2002)	1515	Mäder2002_1FF	20.86	12.79	GJ ha	-39%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Mäder et al. (2002)	1516	Mäder2002_2FF	24.08	13.27	GJ ha	-45%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Rodale Insitute (2014)	1517	Rodal2014_	7.88	5.36	GJ ha	-32%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kelm et al. (2003)	1518	Kelm2003_1	15.80	5.30	GJ ha	-66%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Haas et al. (1995)	1519	Haas1995_1	19.41	6.83	GJ ha	-65%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nemecek et al. (2005)	1520	Nemec2005_1	17.00	12.60	GJ ha	-26%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nemecek et al. (2005)	1521	Nemec2005_2	21.00	13.60	GJ ha	-35%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nemecek et al. (2005)	1522	Nemec2005_3	26.90	13.20	GJ ha	-51%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Nemecek et al. (2006)	1523	Nemec2006_1FF	17.02	14.50	GJ ha	-15%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kalk and Hülsbergen (1997)	1524	Huels20011FF	10.60	7.32	GJ ha	-31%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kalk and Hülsbergen (1997)	1525	Huels20012FF	10.58	7.30	GJ ha	-31%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kalk and Hülsbergen (1997)	1526	Huels20013FF	8.22	5.85	GJ ha	-29%	n.a.	+
Resource use and efficiency	Energy input	-	Crop rotation	Kalk and Hülsbergen (1997)	1527	Huels20014FF	8.21	5.86	GJ ha	-29%	sig.	+
Resource use and efficiency	Energy input	-	Crop rotation	Engelmann and Hülsbergen (2010)	1528	Engel20101FF	10.10	4.10	GJ ha	-59%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Bertilsson et al. (2009)	1529	Berti2009_1FF	7.20	7.70	%	7%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Bertilsson et al. (2009)	1530	Berti2009_2FF	9.00	5.90	%	-34%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Dal Ferro et al. (2017)	1531	DalFe2017_1FF	4.31	4.57	%	6%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Deike et al. (2008)	1532	Deike2008_1FF	15.90	20.80	%	31%	sig.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Deike et al. (2008)	1533	Deike2008_2FF	14.20	20.80	%	46%	sig.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Deike et al. (2008)	1534	Deike2008_3FF	16.90	20.70	%	22%	n.sig.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Deike et al. (2008)	1535	Deike2008_4FF	17.40	20.70	%	19%	n.sig.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Engelmann and Hülsbergen (2010)	1536	Engel20101FF	15.20	20.00	%	32%	sig.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gaudino et al. (2014)	1537	Gaudi2014_1FF	6.18	14.29	%	131%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gaudino et al. (2014)	1538	Gaudi2014_2FF	4.13	8.08	%	96%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gaudino et al. (2014)	1539	Gaudi2014_3FF	8.08	20.53	%	154%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gaudino et al. (2014)	1540	Gaudi2014_3FF	4.80	18.08	%	276%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gelfand et al. (2010)	1541	Gelfa2010_1FF	16.00	11.00	%	-31%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Gelfand et al. (2010)	1542	Gelfa2010_2FF	10.00	5.00	%	-50%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Helander and Delin (2004)	1543	Helan2004_1FF	5.90	4.30	%	-27%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Helander and Delin (2004)	1544	Helan2004_2FF	4.30	4.30	%	0%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Helander and Delin (2004)	1545	Helan2004_3FF	5.90	4.30	%	-27%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Hoepfner et al. (2006)	1546	Hoep2006_1FF	6.80	10.40	%	53%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Hoepfner et al. (2006)	1547	Hoep2006_2FF	6.34	11.15	%	76%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Kalk and Hülsbergen (1997)	1548	Huels20011FF	18.19	20.56	%	13%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Kalk and Hülsbergen (1997)	1549	Huels20012FF	17.74	20.22	%	14%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Kalk and Hülsbergen (1997)	1550	Huels20013FF	11.19	10.74	%	-4%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Kalk and Hülsbergen (1997)	1551	Huels20014FF	11.07	10.85	%	-2%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Klimeková and Lehocká (2007)	1552	Klime2007_1FF	6.80	9.60	%	41%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Kus and Stalenga (2000)	1553	Kus2000_1	4.86	6.55	%	35%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Küstermann et al. (2008)	1554	Kuest2008_1FF	11.10	18.00	%	62%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Küstermann et al. (2008)	1555	Kuest2008_2FF	11.80	13.00	%	10%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Lin et al. (2016)	1556	Lin2016B_1FF	14.60	8.30	%	-43%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Loges et al. (2006)	1557	Loges2006_1	6.65	5.28	%	-21%	sig.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Loges et al. (2006)	1558	Loges2006_1	6.65	6.58	%	-1%	n.sig.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Loges et al. (2006)	1559	Loges2006_1	6.65	7.87	%	18%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Mäder et al. (2002)	1560	Mäder2002_1FF	3.15	2.60	%	-17%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Mäder et al. (2002)	1561	Mäder2002_2FF	3.62	2.51	%	-31%	n.a.	-

Resource use and efficiency	Energy efficiency	-	Crop rotation	Nguyen and Haynes (1995)	1562	Nguye1995B_1FF	9.10	15.00	%	65%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Nguyen and Haynes (1995)	1563	Nguye1995B_2FF	11.00	8.00	%	-27%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Nguyen and Haynes (1995)	1564	Nguye1995B_3FF	12.00	11.00	%	-8%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Sartori, L. et al. (2005)	1565	Sarto2005_1FF	3.70	4.57	%	24%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Ślawiński and Bujaczek (2012)	1566	Slawi2012_1FF	2.20	1.93	%	-12%	n.a.	-
Resource use and efficiency	Energy efficiency	-	Crop rotation	Zentner et al. (2011)	1567	Zentn2011_1FF	6.95	7.20	%	4%	n.a.	=
Resource use and efficiency	Energy efficiency	-	Crop rotation	Zentner et al. (2011)	1568	Zentn2011_2FF	6.71	7.39	%	10%	n.a.	+
Resource use and efficiency	Energy efficiency	-	Crop rotation	Zentner et al. (2011)	1569	Zentn2011_3FF	7.97	11.73	%	47%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Torstenson et al. (2006)	1570	Torste2006_2FF	112.00	136.00	kg N/ha	21%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	MiglioriniC. et al. (2014)	1571	Migli2014_4FF	76.20	31.30	kg N/ha	-59%	n.sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	MiglioriniC. et al. (2014)	1572	Migli2014_4FF	76.20	31.20	kg N/ha	-59%	n.sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Stenberg et al. (2012)	1573	Stenb2012_1FF	93.40	45.20	kg N/ha	-52%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Stenberg et al. (2012)	1574	Stenb2012_2FF	84.60	46.60	kg N/ha	-45%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Stenberg et al. (2012)	1575	Stenb2012_4FF	81.60	57.40	kg N/ha	-30%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Stenberg et al. (2012)	1576	Stenb2012_5FF	83.00	18.80	kg N/ha	-77%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Küstermann et al. (2010)	1577	Kuest2010_1FF	275.00	185.00	kg N/ha	-33%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Clark et al. (1998)	1578	Clark1998_1FF	141.00	131.60	kg N/ha	-7%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Clark et al. (1998)	1579	Clark1998_2FF	112.00	131.60	kg N/ha	18%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Clark et al. (1998)	1580	Clark1998_3FF	138.00	131.60	kg N/ha	-5%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Nguyen et al. (1995)	1581	Nguye1995_1FF	131.00	103.00	kg N/ha	-21%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Nguyen et al. (1995)	1582	Nguye1995_2FF	125.60	111.00	kg N/ha	-12%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Nguyen et al. (1995)	1583	Nguye1995_3FF	91.00	66.10	kg N/ha	-27%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Lin et al. (2016A)	1584	Lin2016_1FF	194.00	73.00	kg N/ha	-62%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Lin et al. (2016A)	1585	Lin2016_2FF	195.00	178.00	kg N/ha	-9%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Loges et al. (2006)	1586	Loges2006_1FF	186.00	88.50	kg N/ha	-52%	n.sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Loges et al. (2006)	1587	Loges2006_1FF	186.00	67.00	kg N/ha	-64%	n.sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Loges et al. (2006)	1588	Loges2006_1FF	186.00	137.20	kg N/ha	-26%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Alaru et al. (2014)	1589	Alaru2014_1FF	79.40	81.80	kg N/ha	3%	n.sig.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Alaru et al. (2014)	1590	Alaru2014_2FF	114.20	92.40	kg N/ha	-19%	sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Alaru et al. (2014)	1591	Alaru2014_3FF	125.33	116.20	kg N/ha	-7%	n.sig.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Alaru et al. (2014)	1592	Alaru2014_4FF	151.20	116.20	kg N/ha	-23%	sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Küstermann et al. (2008)	1593	Kuest2008_1FF	246.00	152.00	kg N/ha	-38%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Gaudino et al. (2014)	1594	Gaudi2014_1FF	189.97	149.89	kg N/ha	-21%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Gaudino et al. (2014)	1595	Gaudi2014_2FF	214.56	203.63	kg N/ha	-5%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Gaudino et al. (2014)	1596	Gaudi2014_3FF	248.27	237.33	kg N/ha	-4%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Tuomisto et al. (2012)	1597	Tuomi2012_1FF	231.90	138.00	kg N/ha	-40%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Tuomisto et al. (2012)	1598	Tuomi2012_2FF	160.00	151.60	kg N/ha	-5%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Korsaeth and Eltun (2000)	1599	Korsa2000_2FF	93.80	73.40	kg N/ha	-22%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Korsaeth and Eltun (2000)	1600	Korsa2000_3FF	137.30	73.40	kg N/ha	-47%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Oomen et al. (1998)	1601	Oome1998_1FF	136.00	114.00	kg N/ha	-16%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Oomen et al. (1998)	1602	Oome1998_2FF	140.00	143.00	kg N/ha	2%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Fagerberg et al. (1996)	1603	Fager1996_1FF	89.20	57.40	kg N/ha	-36%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Korsaeth (2008)	1604	Korsa2008_1FF	145.30	60.00	kg N/ha	-59%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Korsaeth (2008)	1605	Korsa2008_2FF	143.80	137.90	kg N/ha	-4%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Korsaeth (2008)	1606	Korsa2008_3FF	186.10	153.40	kg N/ha	-18%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Aronsson et al. (2007)	1607	Arons2007_1FF	134.00	84.00	kg N/ha	-37%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Aronsson et al. (2007)	1608	Arons2007_1FF	134.00	154.00	kg N/ha	15%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Benoit et al. (2014)	1609	Beno12014_1FF	141.00	331.00	kg N/ha	135%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Benoit et al. (2014)	1610	Beno12014_2FF	360.00	230.00	kg N/ha	-36%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Benoit et al. (2014)	1611	Beno12014_3FF	193.00	155.00	kg N/ha	-20%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Benoit et al. (2014)	1612	Beno12014_1FF	141.00	80.00	kg N/ha	-43%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Benoit et al. (2014)	1613	Beno12014_3FF	193.00	219.00	kg N/ha	13%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1614	Hanse2001_1	146.00	116.00	kg N/ha	-21%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1615	Hanse2001_2	212.00	104.00	kg N/ha	-51%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1616	Hanse2001_3	213.00	214.00	kg N/ha	0%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1617	Hanse2001_4	227.00	211.00	kg N/ha	-7%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1618	Hanse2001_5	242.00	216.00	kg N/ha	-11%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Hansen et al. (2001)	1619	Hanse2001_6	312.00	215.00	kg N/ha	-31%	n.a.	+

Resource use and efficiency	Nitrogen input	-	Crop rotation	Gerlagh and van Dril (1999)	1620	Gerla1999_1FF	136.00	98.00	kg N/ha	-28%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Anglade et al. (2015)	1621	Angla2015_1FF	181.00	160.00	kg N/ha	-12%	sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Ruser et al. (2008)	1622	Ruser2008_7FF	160.70	156.70	kg N/ha	-2%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Thorup-Kristensen et al. (2012)	1623	Thoru2012_1FF	149.00	85.00	kg N/ha	-43%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Thorup-Kristensen et al. (2012)	1624	Thoru2012_1FF	149.00	25.00	kg N/ha	-83%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Thorup-Kristensen et al. (2012)	1625	Thoru2012_1FF	149.00	25.00	kg N/ha	-83%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Karlen et al. (1995)	1626	Karle1995_1FF	81.00	186.00	kg N/ha	130%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Karlen et al. (1995)	1627	Karle1995_2FF	84.00	183.00	kg N/ha	118%	n.a.	-
Resource use and efficiency	Nitrogen input	-	Crop rotation	Drinkwater et al. (1998)	1628	Drink1998_1FF	102.90	106.10	kg N/ha	3%	n.a.	=
Resource use and efficiency	Nitrogen input	-	Crop rotation	Drinkwater et al. (1998)	1629	Drink1998_2FF	102.90	71.60	kg N/ha	-30%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Engelmann and Hülsbergen (2010)	1630	Engel2010_1FF	255.00	167.00	kg N/ha	-35%	sig.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Schmid et al. (2013)	1631	Schmid2013_1FF	250.00	134.00	kg N/ha	-46%	n.a.	+
Resource use and efficiency	Nitrogen input	-	Crop rotation	Schmid et al. (2013)	1632	Schmid2013_2FF	270.00	172.00	kg N/ha	-36%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Torstenson et al. (2006)	1633	Torste2006_2FF	76.79	81.62	%	6%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	MiglioriniC. et al. (2014)	1634	Migli2014_4FF	61.00	93.00	%	52%	n.sig.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	MiglioriniC. et al. (2014)	1635	Migli2014_4FF	61.00	79.00	%	30%	n.sig.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Stenberg et al. (2012)	1636	Stenb2012_1FF	80.30	72.57	%	-10%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Stenberg et al. (2012)	1637	Stenb2012_2FF	100.00	100.00	%	0%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Stenberg et al. (2012)	1638	Stenb2012_4FF	67.40	79.79	%	18%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Stenberg et al. (2012)	1639	Stenb2012_5FF	82.17	100.00	%	22%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Küstermann et al. (2010)	1640	Kuest2010_1FF	55.00	77.00	%	40%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Clark et al. (1998)	1641	Clark1998_1FF	73.76	56.23	%	-24%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Clark et al. (1998)	1642	Clark1998_2FF	87.95	56.23	%	-36%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Clark et al. (1998)	1643	Clark1998_3FF	66.67	56.23	%	-16%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Swain et al. (2014)	1644	Swain2014_1FF	30.00	33.90	%	13%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Lin et al. (2016A)	1645	Lin2016_1FF	79.00	74.00	%	-6%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Lin et al. (2016A)	1646	Lin2016_2FF	88.70	77.00	%	-13%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Loges et al. (2006)	1647	Loges2006_1FF	74.46	86.33	%	16%	n.sig.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Loges et al. (2006)	1648	Loges2006_1FF	74.46	73.88	%	-1%	n.sig.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Loges et al. (2006)	1649	Loges2006_1FF	74.46	91.91	%	23%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Alaru et al. (2014)	1650	Alaru2014_1FF	57.31	50.02	%	-13%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Alaru et al. (2014)	1651	Alaru2014_2FF	53.72	44.41	%	-17%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Alaru et al. (2014)	1652	Alaru2014_3FF	56.79	36.90	%	-35%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Alaru et al. (2014)	1653	Alaru2014_4FF	53.72	36.90	%	-31%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Gaudino et al. (2014)	1654	Gaudi2014_1FF	71.15	100.00	%	41%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Gaudino et al. (2014)	1655	Gaudi2014_2FF	77.91	100.00	%	28%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Gaudino et al. (2014)	1656	Gaudi2014_3FF	59.88	95.37	%	59%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Korsaeth and Eltun (2000)	1657	Korsa2000_2FF	86.89	100.00	%	15%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Korsaeth and Eltun (2000)	1658	Korsa2000_3FF	77.71	100.00	%	29%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Oomen et al. (1998)	1659	Oome1998_1FF	51.47	34.21	%	-34%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Oomen et al. (1998)	1660	Oome1998_2FF	48.57	26.57	%	-45%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Fagerberg et al. (1996)	1661	Fager1996_1FF	100.00	100.00	%	0%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Korsaeth (2008)	1662	Korsa2008_1FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Korsaeth (2008)	1663	Korsa2008_2FF	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Korsaeth (2008)	1664	Korsa2008_3FF	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Aronsson et al. (2007)	1665	Arons2007_1FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Aronsson et al. (2007)	1666	Arons2007_1FF	88.99	91.44	%	3%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Benoit et al. (2014)	1667	Benoi2014_1FF	100.00	46.22	%	-54%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Benoit et al. (2014)	1668	Benoi2014_2FF	39.72	53.04	%	34%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Benoit et al. (2014)	1669	Benoi2014_3FF	86.01	100.00	%	16%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Benoit et al. (2014)	1670	Benoi2014_1FF	100.00	96.25	%	-4%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Benoit et al. (2014)	1671	Benoi2014_3FF	86.01	59.36	%	-31%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1672	Hanse2001_1	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1673	Hanse2001_2	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1674	Hanse2001_3	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1675	Hanse2001_4	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1676	Hanse2001_5	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Hansen et al. (2001)	1677	Hanse2001_6	88.99	90.17	%	1%	n.a.	=

Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Gerlagh and van Dril (1999)	1678	Gerla1999_1FF	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Anglade et al. (2015)	1679	Angla2015_1FF	72.00	77.00	%	7%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1680	Ruser2008_1FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1681	Ruser2008_2FF	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1682	Ruser2008_3FF	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1683	Ruser2008_4FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1684	Ruser2008_5FF	69.89	91.44	%	31%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1685	Ruser2008_6FF	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Ruser et al. (2008)	1686	Ruser2008_7FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Thorup-Kristensen et al. (2012)	1687	Thoru2012_1FF	100.00	100.00	%	0%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Thorup-Kristensen et al. (2012)	1688	Thoru2012_1FF	100.00	100.00	%	0%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Thorup-Kristensen et al. (2012)	1689	Thoru2012_1FF	100.00	100.00	%	0%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Karlen et al. (1995)	1690	Karle1995_1FF	100.00	76.34	%	-24%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Karlen et al. (1995)	1691	Karle1995_2FF	100.00	75.96	%	-24%	n.a.	-
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Drinkwater et al. (1998)	1692	Drink1998_1FF	82.00	91.79	%	12%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Drinkwater et al. (1998)	1693	Drink1998_2FF	88.99	90.17	%	1%	n.a.	=
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Engelmann and Hülsbergen (2010)	1694	Engel2010_1FF	72.00	85.00	%	18%	sig.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Schmid et al. (2013)	1695	Schmid2013_1FF	76.00	85.80	%	13%	n.a.	+
Resource use and efficiency	Nitrogen efficiency	-	Crop rotation	Schmid et al. (2013)	1696	Schmid2013_2FF	84.00	98.80	%	18%	n.a.	+
Animal Welfare	Emotional state	dairy cattle	Pain	Bergman et al. (2014)	1697	AW_1					n.a.	=
Animal Welfare	Emotional state	dairy cattle	Pain	Brinkmann et al. (2017)	1698	AW_2					sig.	+
Animal Welfare	Emotional state	dairy cattle	Human-animal-relation	Brinkmann et al. (2017)	1699	AW_3					sig.	+
Animal Welfare	Emotional state	dairy cattle	Pos. emotional state	Brinkmann et al. (2017)	1700	AW_4					n.sig.	=
Animal Welfare	Emotional state	poultry	Stress	Castellini et al. (2012)	1701	AW_5					n.a.	+
Animal Welfare	Emotional state	poultry	Fear	Gocsik et al. (2016)	1702	AW_6					n.a.	+
Animal Welfare	Emotional state	poultry	Panting	Gocsik et al. (2016)	1703	AW_7					n.a.	+
Animal Welfare	Emotional state	poultry	Human-animal-relation	Gocsik et al. (2016)	1704	AW_8					n.a.	-
Animal Welfare	Emotional state	poultry	Fear	Tuytens et al. (2008)	1705	AW_9					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1706	AW_10					n.a.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1707	AW_11					n.a.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1708	AW_12					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1709	AW_13					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1710	AW_14					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1711	AW_15					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1712	AW_16					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1713	AW_17					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1714	AW_18					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1715	AW_19					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1716	AW_20					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1717	AW_21					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1718	AW_22					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1719	AW_23					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1720	AW_24					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1721	AW_25					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1722	AW_26					sig.	-
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Ahlman et al. (2011)	1723	AW_27					sig.	-
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Alvåsen et al. (2012)	1724	AW_28					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2003)	1725	AW_29					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2003)	1726	AW_30					n.a.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Bennedsgaard et al. (2003)	1727	AW_31					n.a.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Bennedsgaard et al. (2003)	1728	AW_32					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1729	AW_33					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1730	AW_34					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1731	AW_35					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1732	AW_36					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1733	AW_37					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1734	AW_38					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bennedsgaard et al. (2006)	1735	AW_39					n.sig.	=

Animal Welfare	Animal health	dairy cattle	Metabolic health	Bergman et al. (2014)	1736	AW_40						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Bergman et al. (2014)	1737	AW_41						n.a.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Bergman et al. (2014)	1738	AW_42						n.a.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Bergman et al. (2014)	1739	AW_43						n.a.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Bergman et al. (2014)	1740	AW_44						n.a.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1741	AW_45						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1742	AW_46						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1743	AW_47						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1744	AW_48						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1745	AW_49						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Bidokhti et al. (2009)	1746	AW_50						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Mortality/culling	Blanco-Penedo et al. (2012)	1747	AW_51						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1748	AW_52						sig.	+
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1749	AW_53						sig.	+
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1750	AW_54						sig.	+
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1751	AW_55						sig.	+
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1752	AW_56						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1753	AW_57						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1754	AW_58						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1755	AW_59						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1756	AW_60						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1757	AW_61						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1758	AW_62						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1759	AW_63						n.sig.	=
Animal Welfare	Animal health	suckler cow husbandry	Treatment-Incidences	Blanco-Penedo et al. (2012)	1760	AW_64						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Bloksma et al. (2008)	1761	AW_65						n.a.	-
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Brenninkmeyer et al. (2013)	1762	AW_66						n.a.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Brinkmann et al. (2017)	1763	AW_67						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Brinkmann et al. (2017)	1764	AW_68						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Brinkmann et al. (2017)	1765	AW_69						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Brinkmann et al. (2017)	1766	AW_70						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Butler et al. (2009)	1767	AW_71						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Butler et al. (2009)	1768	AW_72						sig.	+
Animal Welfare	Animal health	dairy cattle	other	Butler et al. (2009)	1769	AW_73						n.sig.	=
Animal Welfare	Animal health	sheep	Mortality/culling	Cabaret et al. (2009)	1770	AW_74						n.a.	=
Animal Welfare	Animal health	sheep	Mortality/culling	Cabaret et al. (2009)	1771	AW_75						n.a.	=
Animal Welfare	Animal health	sheep	Parasites	Cabaret et al. (2009)	1772	AW_76						sig.	-
Animal Welfare	Animal health	poultry	Mortality/culling	Castellini et al. (2012)	1773	AW_77						n.a.	-
Animal Welfare	Animal health	poultry	Lameness, etc.	Castellini et al. (2012)	1774	AW_78						n.a.	-
Animal Welfare	Animal health	poultry	Lameness, etc.	Castellini et al. (2012)	1775	AW_79						n.a.	-
Animal Welfare	Animal health	dairy cattle	other	Cazer et al. (2013)	1776	AW_80						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Cicconi-Hogan et al. (2013a)	1777	AW_81						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Cicconi-Hogan et al. (2013b)	1778	AW_82						n.a.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Cicconi-Hogan et al. (2013b)	1779	AW_83						n.a.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Cicconi-Hogan et al. (2013b)	1780	AW_84						n.a.	-
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Dippel et al. (2009)	1781	AW_85						n.a.	+
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1782	AW_86						n.a.	-
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1783	AW_87						n.a.	-
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1784	AW_88						n.a.	-
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1785	AW_89						n.a.	-
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1786	AW_90						n.a.	+
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1787	AW_91						n.a.	-
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1788	AW_92						n.a.	=
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1789	AW_93						n.a.	=
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1790	AW_94						n.a.	+
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1791	AW_95						n.a.	+
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1792	AW_96						n.a.	=
Animal Welfare	Animal health	pigs	Oth. change carcasses	Ebke and Sandrum (2005)	1793	AW_97						n.a.	=

Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1794	AW_98						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1795	AW_99						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1796	AW_100						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1797	AW_101						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1798	AW_102						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1799	AW_103						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1800	AW_104						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1801	AW_105						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1802	AW_106						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1803	AW_107						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1804	AW_108						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1805	AW_109						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1806	AW_110						n.sig.	=
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1807	AW_111						sig.	-
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1808	AW_112						sig.	-
Animal Welfare	Animal health	pigs	Parasites	Eijck and Borgsteede (2005)	1809	AW_113						sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Ellis et al. (2007)	1810	AW_114						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Ellis et al. (2007)	1811	AW_115						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Ellis et al. (2007)	1812	AW_116						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Ellis et al. (2007)	1813	AW_117						sig.	+
Animal Welfare	Animal health	poultry	Lameness, etc.	Ermakow and Fehlhaber (2012)	1814	AW_118						sig.	-
Animal Welfare	Animal health	poultry	Lameness, etc.	Ermakow and Fehlhaber (2012)	1815	AW_119						sig.	+
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1816	AW_120						sig.	+
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1817	AW_121						n.sig.	=
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1818	AW_122						n.sig.	=
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1819	AW_123						n.sig.	=
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1820	AW_124						sig.	-
Animal Welfare	Animal health	poultry	Oth. change carcasses	Ermakow and Fehlhaber (2012)	1821	AW_125						sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1822	AW_126						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1823	AW_127						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1824	AW_128						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1825	AW_129						n.a.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1826	AW_130						n.a.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1827	AW_131						n.a.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1828	AW_132						n.a.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Fall and Emanuelson (2009)	1829	AW_133						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1830	AW_134						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1831	AW_135						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1832	AW_136						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1833	AW_137						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1834	AW_138						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1835	AW_139						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1836	AW_140						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1837	AW_141						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1838	AW_142						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Fall and Emanuelson (2009)	1839	AW_143						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1840	AW_144						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1841	AW_145						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1842	AW_146						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1843	AW_147						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1844	AW_148						n.a.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1845	AW_149						sig.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1846	AW_150						sig.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Fall and Emanuelson (2009)	1847	AW_151						sig.	-
Animal Welfare	Animal health	dairy cattle	other	Fall and Emanuelson (2009)	1848	AW_152						n.a.	=
Animal Welfare	Animal health	dairy cattle	other	Fall and Emanuelson (2009)	1849	AW_153						n.a.	=
Animal Welfare	Animal health	dairy cattle	other	Fall and Emanuelson (2009)	1850	AW_154						n.a.	=
Animal Welfare	Animal health	dairy cattle	other	Fall and Emanuelson (2009)	1851	AW_155						n.a.	=

Animal Welfare	Animal health	dairy cattle	other	Fall and Emanuelson (2009)	1852	AW_156					n.a.	=
Animal Welfare	Animal health	dairy cattle	other	Fossler et al. (2005a)	1853	AW_157					n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Fossler et al. (2005b)	1854	AW_158					n.sig.	=
Animal Welfare	Animal health	pigs	Lameness, etc.	Gareis et al. (2016)	1855	AW_159					n.a.	+
Animal Welfare	Animal health	pigs	Lameness, etc.	Gareis et al. (2016)	1856	AW_160					n.a.	+
Animal Welfare	Animal health	pigs	Lameness, etc.	Gareis et al. (2016)	1857	AW_161					n.a.	+
Animal Welfare	Animal health	pigs	Lameness, etc.	Gareis et al. (2016)	1858	AW_162					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1859	AW_163					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1860	AW_164					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1861	AW_165					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1862	AW_166					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1863	AW_167					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1864	AW_168					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1865	AW_169					n.a.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Garmo et al. (2010)	1866	AW_170					n.a.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Garmo et al. (2010)	1867	AW_171					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Garmo et al. (2010)	1868	AW_172					n.a.	+
Animal Welfare	Animal health	poultry	Mortality/culling	Gocsik et al. (2016)	1869	AW_173					n.a.	=
Animal Welfare	Animal health	poultry	Lameness, etc.	Gocsik et al. (2016)	1870	AW_174					n.a.	+
Animal Welfare	Animal health	poultry	Lameness, etc.	Gocsik et al. (2016)	1871	AW_175					n.a.	-
Animal Welfare	Animal health	poultry	Lameness, etc.	Gocsik et al. (2016)	1872	AW_176					n.a.	+
Animal Welfare	Animal health	poultry	Lameness, etc.	Gocsik et al. (2016)	1873	AW_177					n.a.	-
Animal Welfare	Animal health	poultry	other	Gocsik et al. (2016)	1874	AW_178					n.a.	+
Animal Welfare	Animal health	poultry	Cleanliness	Gocsik et al. (2016)	1875	AW_179					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hamilton et al. (2006)	1876	AW_180					n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hamilton et al. (2006)	1877	AW_181					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hamilton et al. (2006)	1878	AW_182					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hamilton et al. (2006)	1879	AW_183					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hamilton et al. (2006)	1880	AW_184					sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Hamilton et al. (2006)	1881	AW_185					sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Hamilton et al. (2006)	1882	AW_186					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1883	AW_187					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1884	AW_188					sig.	+
Animal Welfare	Animal health	slaughtered cattle	Lameness, etc.	Hansson et al. (2000)	1885	AW_189					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Lameness, etc.	Hansson et al. (2000)	1886	AW_190					sig.	+
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1887	AW_191					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1888	AW_192					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1889	AW_193					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1890	AW_194					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1891	AW_195					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1892	AW_196					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1893	AW_197					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1894	AW_198					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1895	AW_199					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1896	AW_200					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1897	AW_201					sig.	+
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1898	AW_202					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1899	AW_203					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1900	AW_204					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1901	AW_205					sig.	+
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1902	AW_206					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Parasites	Hansson et al. (2000)	1903	AW_207					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1904	AW_208					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1905	AW_209					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1906	AW_210					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1907	AW_211					sig.	-
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1908	AW_212					n.sig.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Hansson et al. (2000)	1909	AW_213					sig.	+

Animal Welfare	Animal health	slaughtered pigs	Parasites	Hansson et al. (2000)	1910	AW_214						sig.	+
Animal Welfare	Animal health	slaughtered pigs	Lameness, etc.	Hansson et al. (2000)	1911	AW_215						sig.	-
Animal Welfare	Animal health	slaughtered pigs	Lameness, etc.	Hansson et al. (2000)	1912	AW_216						sig.	-
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Hansson et al. (2000)	1913	AW_217						sig.	+
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Hansson et al. (2000)	1914	AW_218						sig.	+
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Hansson et al. (2000)	1915	AW_219						n.sig.	=
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Hansson et al. (2000)	1916	AW_220						n.sig.	=
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Hansson et al. (2000)	1917	AW_221						sig.	-
Animal Welfare	Animal health	sheep	Parasites	Hansson et al. (2000)	1918	AW_222						n.sig.	=
Animal Welfare	Animal health	sheep	Parasites	Hansson et al. (2000)	1919	AW_223						sig.	-
Animal Welfare	Animal health	sheep	Parasites	Hansson et al. (2000)	1920	AW_224						sig.	-
Animal Welfare	Animal health	sheep	Oth. change carcasses	Hansson et al. (2000)	1921	AW_225						sig.	+
Animal Welfare	Animal health	sheep	Oth. change carcasses	Hansson et al. (2000)	1922	AW_226						n.sig.	=
Animal Welfare	Animal health	sheep	Oth. change carcasses	Hansson et al. (2000)	1923	AW_227						n.sig.	=
Animal Welfare	Animal health	sheep	Oth. change carcasses	Hansson et al. (2000)	1924	AW_228						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1925	AW_229						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1926	AW_230						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1927	AW_231						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1928	AW_232						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1929	AW_233						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1930	AW_234						sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1931	AW_235						sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Hardeng and Edge (2001)	1932	AW_236						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hardeng and Edge (2001)	1933	AW_237						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hardeng and Edge (2001)	1934	AW_238						sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Hardeng and Edge (2001)	1935	AW_239						sig.	+
Animal Welfare	Animal health	pigs	other	Heine et al. (2011)	1936	AW_240						n.a.	+
Animal Welfare	Animal health	pigs	other	Heine et al. (2011)	1937	AW_241						n.a.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hinterstoißer et al. (2017)	1938	AW_242						n.a.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hinterstoißer et al. (2017)	1939	AW_243						n.a.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hinterstoißer et al. (2017)	1940	AW_244						n.a.	-
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hinterstoißer et al. (2017)	1941	AW_245						n.a.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Hinterstoißer et al. (2017)	1942	AW_246						n.a.	-
Animal Welfare	Animal health	dairy cattle	Parasites	Höglund et al. (2010)	1943	AW_247						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Parasites	Höglund et al. (2010)	1944	AW_248						sig.	-
Animal Welfare	Animal health	dairy cattle	Parasites	Höglund et al. (2010)	1945	AW_249						sig.	-
Animal Welfare	Animal health	poultry	Parasites	Jansson et al. (2010)	1946	AW_250						n.a.	-
Animal Welfare	Animal health	poultry	Parasites	Jansson et al. (2010)	1947	AW_251						n.a.	-
Animal Welfare	Animal health	pigs	Lameness, etc.	Knage-Rasmussen et al. (2014)	1948	AW_252						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Langford et al. (2009)	1949	AW_253						n.sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Langford et al. (2009)	1950	AW_254						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Langford et al. (2009)	1951	AW_255						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Langford et al. (2009)	1952	AW_256						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Langford et al. (2009)	1953	AW_257						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Langford et al. (2009)	1954	AW_258						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Langford et al. (2009)	1955	AW_259						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Langford et al. (2009)	1956	AW_260						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Langford et al. (2009)	1957	AW_261						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Langford et al. (2009)	1958	AW_262						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1959	AW_263						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1960	AW_264						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1961	AW_265						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1962	AW_266						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1963	AW_267						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1964	AW_268						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1965	AW_269						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Levison et al. (2016)	1966	AW_270						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Löf et al. (2007)	1967	AW_271						sig.	+

Animal Welfare	Animal health	dairy cattle	Mortality/culling	Löf et al. (2007)	1968	AW_272						sig.	+
Animal Welfare	Animal health	slaughtered cattle	Parasites	Machold et al. (2007)	1969	AW_273						n.a.	+
Animal Welfare	Animal health	slaughtered cattle	Parasites	Machold et al. (2007)	1970	AW_274						n.a.	–
Animal Welfare	Animal health	slaughtered cattle	Lameness, etc.	Machold et al. (2007)	1971	AW_275						n.a.	+
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Machold et al. (2007)	1972	AW_276						n.a.	+
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Machold et al. (2007)	1973	AW_277						n.a.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Machold et al. (2007)	1974	AW_278						n.a.	=
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Machold et al. (2007)	1975	AW_279						n.a.	–
Animal Welfare	Animal health	slaughtered cattle	Oth. change carcasses	Machold et al. (2007)	1976	AW_280						n.a.	–
Animal Welfare	Animal health	slaughtered pigs	Lameness, etc.	Machold et al. (2007)	1977	AW_281						sig.	+
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1978	AW_282						sig.	–
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1979	AW_283						n.sig.	=
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1980	AW_284						n.sig.	=
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1981	AW_285						n.sig.	=
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1982	AW_286						sig.	–
Animal Welfare	Animal health	slaughtered pigs	Oth. change carcasses	Machold et al. (2007)	1983	AW_287						sig.	–
Animal Welfare	Animal health	dairy cattle	Udder health	March et al. (2017)	1984	AW_288						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	March et al. (2017)	1985	AW_289						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	March et al. (2017)	1986	AW_290						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	March et al. (2017)	1987	AW_291						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	March et al. (2017)	1988	AW_292						sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	March et al. (2017)	1989	AW_293						sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	March et al. (2017)	1990	AW_294						sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	March et al. (2017)	1991	AW_295						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	March et al. (2017)	1992	AW_296						sig.	–
Animal Welfare	Animal health	dairy cattle	Mortality/culling	March et al. (2017)	1993	AW_297						sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	March et al. (2017)	1994	AW_298						sig.	+
Animal Welfare	Animal health	goats	Lameness, etc.	Martini et al. (2015)	1995	AW_299						n.sig.	=
Animal Welfare	Animal health	goats	Lameness, etc.	Martini et al. (2015)	1996	AW_300						n.sig.	=
Animal Welfare	Animal health	goats	other	Martini et al. (2015)	1997	AW_301						n.sig.	=
Animal Welfare	Animal health	sheep	Parasites	Mederos et al. (2010)	1998	AW_302						n.a.	+
Animal Welfare	Animal health	sheep	Parasites	Mederos et al. (2010)	1999	AW_303						n.a.	+
Animal Welfare	Animal health	sheep	Parasites	Mederos et al. (2010)	2000	AW_304						n.a.	+
Animal Welfare	Animal health	sheep	Parasites	Mederos et al. (2010)	2001	AW_305						n.a.	+
Animal Welfare	Animal health	sheep	Metabolic health	Mederos et al. (2010)	2002	AW_306						n.a.	=
Animal Welfare	Animal health	sheep	Metabolic health	Mederos et al. (2010)	2003	AW_307						n.a.	+
Animal Welfare	Animal health	sheep	Metabolic health	Mederos et al. (2010)	2004	AW_308						n.a.	–
Animal Welfare	Animal health	sheep	Metabolic health	Mederos et al. (2010)	2005	AW_309						n.a.	–
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2006	AW_310						n.a.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2007	AW_311						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2008	AW_312						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2009	AW_313						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2010	AW_314						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Mullen et al. (2013)	2011	AW_315						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Müller and Sauerwein (2010)	2012	AW_316						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Müller and Sauerwein (2010)	2013	AW_317						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Müller and Sauerwein (2010)	2014	AW_318						n.sig.	=
Animal Welfare	Animal health	sheep	Mortality/culling	Napolitano et al. (2009)	2015	AW_319						n.sig.	=
Animal Welfare	Animal health	sheep	Lameness, etc.	Napolitano et al. (2009)	2016	AW_320						n.sig.	=
Animal Welfare	Animal health	sheep	Lameness, etc.	Napolitano et al. (2009)	2017	AW_321						n.sig.	=
Animal Welfare	Animal health	sheep	Lameness, etc.	Napolitano et al. (2009)	2018	AW_322						n.sig.	=
Animal Welfare	Animal health	sheep	Lameness, etc.	Napolitano et al. (2009)	2019	AW_323						n.sig.	=
Animal Welfare	Animal health	sheep	Cleanliness	Napolitano et al. (2009)	2020	AW_324						n.sig.	=
Animal Welfare	Animal health	sheep	other	Napolitano et al. (2009)	2021	AW_325						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Nauta et al. (2006)	2022	AW_326						sig.	–
Animal Welfare	Animal health	dairy cattle	Fertility	Nauta et al. (2006)	2023	AW_327						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Reksen et al. (1999)	2024	AW_328						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Reksen et al. (1999)	2025	AW_329						n.sig.	=

Animal Welfare	Animal health	dairy cattle	Fertility	Reksen et al. (1999)	2026	AW_330					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Reksen et al. (1999)	2027	AW_331					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Rodríguez-Bermúdez et al. (2017)	2028	AW_332					n.a.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Rodríguez-Bermúdez et al. (2017)	2029	AW_333					n.a.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Rodríguez-Bermúdez et al. (2017)	2030	AW_334					n.a.	-
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2031	AW_335					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2032	AW_336					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2033	AW_337					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2034	AW_338					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2035	AW_339					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2036	AW_340					sig.	-
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2037	AW_341					sig.	-
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2038	AW_342					sig.	-
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2039	AW_343					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Roesch et al. (2005)	2040	AW_344					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2041	AW_345					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2042	AW_346					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2043	AW_347					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2044	AW_348					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2045	AW_349					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2046	AW_350					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2047	AW_351					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2048	AW_352					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2049	AW_353					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2050	AW_354					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2051	AW_355					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2052	AW_356					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2053	AW_357					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Roesch et al. (2007)	2054	AW_358					sig.	-
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Rutherford et al. (2008)	2055	AW_359					sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Rutherford et al. (2008)	2056	AW_360					sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Rutherford et al. (2009)	2057	AW_361					sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Sato et al. (2005)	2058	AW_362					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Sato et al. (2005)	2059	AW_363					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Sato et al. (2005)	2060	AW_364					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Sato et al. (2005)	2061	AW_365					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Sato et al. (2005)	2062	AW_366					sig.	-
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Sato et al. (2005)	2063	AW_367					n.sig.	=
Animal Welfare	Animal health	poultry	Parasites	Sherwin et al. (2013)	2064	AW_368					n.sig.	=
Animal Welfare	Animal health	poultry	Parasites	Sherwin et al. (2013)	2065	AW_369					n.sig.	=
Animal Welfare	Animal health	poultry	Parasites	Sherwin et al. (2013)	2066	AW_370					n.sig.	=
Animal Welfare	Animal health	poultry	Parasites	Sherwin et al. (2013)	2067	AW_371					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Parasites	Silverlås and Blanco-Penedo (2012)	2068	AW_372					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Parasites	Silverlås and Blanco-Penedo (2012)	2069	AW_373					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Sorge et al. (2015)	2070	AW_374					sig.	-
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Sorge et al. (2015)	2071	AW_375					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Parasites	Sorge et al. (2015)	2072	AW_376					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Stiglbauer et al. (2013)	2073	AW_377					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Stiglbauer et al. (2013)	2074	AW_378					n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Stiglbauer et al. (2013)	2075	AW_379					sig.	-
Animal Welfare	Animal health	dairy cattle	other	Stiglbauer et al. (2013)	2076	AW_380					sig.	-
Animal Welfare	Animal health	dairy cattle	other	Stiglbauer et al. (2013)	2077	AW_381					sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Sundberg et al. (2009)	2078	AW_382					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Sundberg et al. (2009)	2079	AW_383					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Sundberg et al. (2009)	2080	AW_384					n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Sundberg et al. (2009)	2081	AW_385					sig.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Sundberg et al. (2009)	2082	AW_386					sig.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Sundberg et al. (2009)	2083	AW_387					sig.	-

Animal Welfare	Animal health	dairy cattle	Mortality/culling	Thomsen et al. (2006)	2084	AW_388						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Tikofsky et al. (2003)	2085	AW_389						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Tikofsky et al. (2003)	2086	AW_390						n.sig.	=
Animal Welfare	Animal health	poultry	Lameness, etc.	Tuytens et al. (2008)	2087	AW_391						sig.	+
Animal Welfare	Animal health	poultry	Lameness, etc.	Tuytens et al. (2008)	2088	AW_392						sig.	+
Animal Welfare	Animal health	poultry	Lameness, etc.	Tuytens et al. (2008)	2089	AW_393						n.sig.	=
Animal Welfare	Animal health	poultry	Lameness, etc.	Tuytens et al. (2008)	2090	AW_394						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Vaarst and Bennedsgaard (2001)	2091	AW_395						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Vaarst and Bennedsgaard (2001)	2092	AW_396						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Valle et al. (2007)	2093	AW_397						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Valle et al. (2007)	2094	AW_398						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Valle et al. (2007)	2095	AW_399						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Valle et al. (2007)	2096	AW_400						sig.	+
Animal Welfare	Animal health	dairy cattle	Udder health	Valle et al. (2007)	2097	AW_401						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Valle et al. (2007)	2098	AW_402						sig.	+
Animal Welfare	Animal health	dairy cattle	Metabolic health	Valle et al. (2007)	2099	AW_403						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Metabolic health	Valle et al. (2007)	2100	AW_404						sig.	+
Animal Welfare	Animal health	dairy cattle	Lameness, etc.	Valle et al. (2007)	2101	AW_405						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2102	AW_406						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2103	AW_407						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2104	AW_408						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2105	AW_409						sig.	+
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2106	AW_410						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Fertility	Valle et al. (2007)	2107	AW_411						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Valle et al. (2007)	2108	AW_412						sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Valle et al. (2007)	2109	AW_413						sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Valle et al. (2007)	2110	AW_414						sig.	+
Animal Welfare	Animal health	pigs	Parasites	Wallander et al. (2016)	2111	AW_415						sig.	-
Animal Welfare	Animal health	dairy cattle	Udder health	Wolff et al. (2015)	2112	AW_416						sig.	-
Animal Welfare	Animal health	dairy cattle	Fertility	Wolff et al. (2015)	2113	AW_417						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2114	AW_418						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2115	AW_419						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2116	AW_420						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2117	AW_421						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2118	AW_422						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2119	AW_423						n.sig.	=
Animal Welfare	Animal health	dairy cattle	other	Wolff et al. (2015)	2120	AW_424						sig.	+
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Wolff et al. (2015)	2121	AW_425						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Wolff et al. (2015)	2122	AW_426						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Mortality/culling	Wolff et al. (2015)	2123	AW_427						n.sig.	=
Animal Welfare	Animal health	dairy cattle	Udder health	Zwald et al. (2004)	2124	AW_428						sig.	-
Animal Welfare	Animal health	dairy cattle	other	Zwald et al. (2004)	2125	AW_429						sig.	+
Animal Welfare	Animal behaviour	dairy cattle	Lying-behaviour	Brinkmann et al. (2017)	2126	AW_430						sig.	+
Animal Welfare	Animal behaviour	dairy cattle	Behaviour	Brinkmann et al. (2017)	2127	AW_431						sig.	+
Animal Welfare	Animal behaviour	dairy cattle	Behaviour	Brinkmann et al. (2017)	2128	AW_432						n.sig.	=
Animal Welfare	Animal behaviour	dairy cattle	Behaviour	Brinkmann et al. (2017)	2129	AW_433						n.a.	=
Animal Welfare	Animal behaviour	poultry	Behaviour	Castellini et al. (2012)	2130	AW_434						n.a.	+
Animal Welfare	Animal behaviour	poultry	Behaviour	Gocsik et al. (2016)	2131	AW_435						n.a.	+
Animal Welfare	Animal behaviour	poultry	Behaviour	Gocsik et al. (2016)	2132	AW_436						n.a.	+
Animal Welfare	Animal behaviour	poultry	Behaviour	Gocsik et al. (2016)	2133	AW_437						n.a.	+
Animal Welfare	Animal behaviour	slaughtered pigs	Tail-biting	Hansson et al. (2000)	2134	AW_438						sig.	+
Animal Welfare	Animal behaviour	dairy cattle	Lying-behaviour	Langford et al. (2011)	2135	AW_439						n.sig.	=
Animal Welfare	Animal behaviour	dairy cattle	Lying-behaviour	Langford et al. (2011)	2136	AW_440						sig.	-
Animal Welfare	Animal behaviour	dairy cattle	Behaviour	Langford et al. (2011)	2137	AW_441						n.sig.	=
Animal Welfare	Animal behaviour	dairy cattle	Behaviour	Langford et al. (2011)	2138	AW_442						sig.	-
Animal Welfare	Animal behaviour	slaughtered pigs	Tail-biting	Machold et al. (2007)	2139	AW_443						n.sig.	=
Animal Welfare	Animal behaviour	dairy cattle	Lying-behaviour	March et al. (2017)	2140	AW_444						n.sig.	=
Animal Welfare	Animal behaviour	dairy cattle	Lying-behaviour	March et al. (2017)	2141	AW_445						n.sig.	=