

Meta-analysis of the prevalence of tuberculosis in cattle and zoonotic tuberculosis in humans in sub-Saharan Africa

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Table S1 PRISMA check list

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	Identify the report as a systematic review, meta-analysis, or both.	1
ABSTRACT			
Structured summary	2	Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number.	1
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known.	2-3
Objectives	4	Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).	3
METHODS			
Protocol and registration	5	Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number.	NA
Eligibility criteria	6	Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale.	3 & 4
Information sources	7	Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched.	3
Search	8	Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.	3
Study selection	9	State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).	4
Data collection process	10	Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators.	4

Data items	11	List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.	4
Risk of bias in individual studies	12	Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.	4-5
Summary measures	13	State the principal summary measures (e.g., risk ratio, difference in means).	4-5
Synthesis of results	14	Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I^2) for each meta-analysis.	4-5

From: Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group (2009). Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 6(7): e1000097. doi:10.1371/journal.pmed1000097

Table S2 Characteristics of studies selected for meta-analysis of TB prevalence in cattle in sub-Saharan Africa

Author	Country	Region	Diagnosis	Diagnosis category	Population	Total	Cases	Prevalence	Quality score
Awah-Ndukum et al (2005)	Cameroon	Central	Postmoterm	Postmoterm	Abattoir	385784	3174	0.82	3
Awah-Ndukum et al (2012)	Cameroon	Central	CTT	Tuberculin	Field	2853	133	4.66	5
Awah-Ndukum et al (2012)	Cameroon	Central	Lateral-flow	Elisa	Field	807	300	37.17	5
Awah-Ndukum et al (2010)	Cameroon	Central	Lateral-flow	Elisa	Abattoir	90	54	60	5
Bourgeois and Kambale (2020)	DRC	Central	Postmoterm	Postmoterm	Abattoir	20755	2	0.01	3
Diguimbaye-Djaibe et al (2006)	Chad	Central	PCR	Molecular	Abattoir	199	56	28.14	4
Egbe et al (2016)	Cameroon	Central	Ziehl–Neelsen	Microscopy	Abattoir	2346	189	8.06	4
Koro et al (2013)	Cameroon	Central	Lowenstein-Jensen culture	Culture	Abattoir	16316	80	0.49	3
Ngandolo et al (2009)	Chad	Central	CTT	Tuberculin	Abattoir	954	73	7.65	4
Rigouts et al (1996)	Burundi	Central	Biochemical	Biochemical	Abattoir	82	15	18.29	3
Aljameel et al (2014)	Sudan	East	Postmoterm	Postmoterm	Abattoir	2794	40	1.43	3
Almaw et al (2021)	Ethiopia	East	CTT	Tuberculin	Field	5675	1776	31.3	5
Ameni et al (2007)	Ethiopia	East	CTT	Tuberculin	Field	5424	732	13.5	3
Amente et al (2019)	Ethiopia	East	CTT	Tuberculin	Field	502	148	29.48	3
Amenu et al (2010)	Ethiopia	East	CTT	Tuberculin	Field	425	27	6.35	4
Ayman et al (2014)	Sudan	East	CTT	Tuberculin	Field	569	11	1.93	2
Belete et al (2021)	Ethiopia	East	Ziehl–Neelsen	Microscopy	Abattoir	497	2	0.4	5
Bernard et al (2005)	Uganda	East	SIT	Tuberculin	Field	11862	712	6	4
Defar et al (2009)	Ethiopia	East	CTT	Tuberculin	Field	408	69	16.91	5
Dejene et al (2016)	Ethiopia	East	CTT	Tuberculin	Field	2550	140	5.49	5
Demissie et al (2022)	Ethiopia	East	CTT	Tuberculin	Field	625	106	16.96	5
Endalew et al (2017)	Ethiopia	East	CTT	Tuberculin	Field	720	119	16.53	5
Firdessa et al (2012)	Ethiopia	East	CTT	Tuberculin	Field	2956	887	30.01	3
Ghebremariam et al (2016)	Eritrea	East	CTT	Tuberculin	Field	15354	1735	11.3	4

Ghebremariam et al (2018)	Eritrea	East	CTT	Tuberculin	Field	1077	13	1.21	5
Girmay et al (2012)	Ethiopia	East	CTT	Tuberculin	Field	510	71	13.92	5
Gumi et al (2012)	Ethiopia	East	CTT	Tuberculin	Field	421	8	1.9	4
Habarugira et al (2014)	Rwanda	East	Lowenstein-Jensen culture	Culture	Abattoir	16753	87	0.52	3
Inangolet et al (2008)	Uganda	East	CTT	Tuberculin	Field	1470	19	1.29	4
Katale et al (2013)	Tanzania	East	CTT	Tuberculin	Field	1103	26	2.36	5
Katale et al (2017)	Tanzania	East	PCR	Molecular	Abattoir	499	2	0.4	3
Kazwala et al (2001)	Tanzania	East	CTT	Tuberculin	Field	5936	781	13.16	5
Kemal et al (2019)	Ethiopia	East	CTT	Tuberculin	Field	315	64	20.32	5
Kitila and Kebede (2017)	Ethiopia	East	CTT	Tuberculin	Field	394	54	13.71	5
Lemu et al (2020)	Ethiopia	East	CTT	Tuberculin	Field	565	23	4.07	4
Mekonnen et al (2019)	Ethiopia	East	CTT	Tuberculin	Field	2754	143	5.19	5
Mugambi et al (2016)	Tanzania	East	CTT	Tuberculin	Field	961	9	0.94	3
Mugambi et al (2016)	Kenya	East	CTT	Tuberculin	Field	625	23	3.68	3
Nalapa et al (2017)	Uganda	East	Capilia TB-Neo (MTBC antigen)	Elisa	Abattoir	1576	12	0.76	5
Ntivuguruzwa et al (2022)	Rwanda	East	PCR	Molecular	Abattoir	300	5	1.67	5
Nuru et al (2015)	Ethiopia	East	CTT	Tuberculin	Field	788	10	1.27	5
Oloya et al (2007)	Uganda	East	Accu-Probe MTC	Molecular	Abattoir	61	20	32.79	4
Omer et al (2001)	Eritrea	East	CTT	Tuberculin	Field	1813	263	14.51	5
Qurini et al (2001)	Madagascar	East	SIT	Tuberculin	Abattoir	122	20	16.39	3
Salih et al (2010)	Sudan	East	Lowenstein-Jensen culture	Culture	Abattoir	2450	20	0.82	2
Swai and Schoonman (2012)	Tanzania	East	CTT	Tuberculin	Field	642	8	1.25	4
Tekle et al (2017)	Ethiopia	East	Postmoterm	Postmoterm	Abattoir	753	44	5.84	5
Tora et al (2022)	Ethiopia	East	CTT	Tuberculin	Field	221	18	8.14	5
Tschopp et al (2013)	Ethiopia	East	CTT	Tuberculin	Field	584	2	0.34	4
Tulu et al (2021)	Ethiopia	East	CTT	Tuberculin	Field	654	257	39.3	5
Weinhaupt et al (2000)	Tanzania	East	SIT	Tuberculin	Field	2549	17	0.67	3
Woldemariam et al (2016)	Ethiopia	East	CTT	Tuberculin	Field	501	22	4.39	5
Woldemariam et al (2020)	Ethiopia	East	CTT	Tuberculin	Field	1038	22	2.12	5

Zeru et al (2014)	Ethiopia	East	CTT	Tuberculin	Field	480	54	11.25	5
Asil et al (2013)	Sudan	East	PCR	Molecular	Abattoir	6680	12	0.18	4
Bedard et al (1993)	Malawi	South	CTT	Tuberculin	Field	3481	134	3.85	5
Berggren (1977)	Malawi	South	Postmoterm	Postmoterm	Abattoir	2349	75	3.19	3
Berggren (1981)	Malawi	South	AFB	Microscopy	Field	210	82	39.05	3
Ellwood (1975)	Malawi	South	Postmoterm	Postmoterm	Abattoir	5809	118	2.03	3
Hangombe et al (2012)	Zambia	South	Ziehl–Neelsen	Microscopy	Abattoir	315	37	11.75	3
Jori et al (2013)	Botswana	South	IFN- γ	IFN- γ	Field	818	12	1.47	4
Kapalumula et al (2023)	Malawi	South	PCR	Molecular	Abattoir	1547	87	5.62	4
Mareledwane et al (2021)	South Africa	South	IFN- γ	IFN- γ	Abattoir	318	14	4.4	4
Moiane et al (2014)	Mozambique	South	CTT	Tuberculin	Field	1136	450	39.61	4
Muma et al (2013)	Zambia	South	CTT	Tuberculin	Field	459	22	4.79	4
Munyeme et al (2009)	Zambia	South	CTT	Tuberculin	Field	944	52	5.51	5
Musoke et al (2015)	South Africa	South	CTT	Tuberculin	Field	1166	4	0.34	4
Pandey et al (2013)	Zambia	South	CTT	Tuberculin	Field	1025	27	2.63	3
Sichewo et al (2019)	South Africa	South	IFN- γ	IFN- γ	Field	659	79	11.99	4
Tanner et al (2015)	Mozambique	South	CTT	Tuberculin	Field	2445	24	0.98	3
Bhembe et al (2017)	South Africa	South	PCR	Molecular	Abattoir	376	162	43.09	3
Acquah et al (2022)	Ghana	West	PCR	Molecular	Abattoir	438	212	48.4	2
Adang et al (2015)	Nigeria	West	Postmoterm	Postmoterm	Abattoir	320	85	26.56	3
Addo et al (2016)	Ghana	West	IFN- γ	IFN- γ	Abattoir	94	6	6.38	3
Adu-Bobi et al (2009)	Ghana	West	Ziehl–Neelsen	Microscopy	Abattoir	130	95	73.08	3
Agbalaya et al (2020)	Nigeria	West	Ziehl–Neelsen	Microscopy	Abattoir	187	13	6.95	4
Amemor et al (2017)	Ghana	West	Rapid BTB Ab Test	Elisa	Field	200	38	19	4
Asante-Poku et al (2014)	Ghana	West	CTT	Tuberculin	Field	685	17	2.48	2
Atiadeve et al (2014)	Ghana	West	Postmoterm	Postmoterm	Abattoir	2886	145	5.02	3
Atuman et al (2018)	Nigeria	West	Immunochromatography rapid test	Elisa	Field	300	30	10	3
Boukary et al (2011)	Niger	West	CTT	Tuberculin	Field	393	14	3.56	5

Cadmus et al (2004)	Nigeria	West	CTT	Tuberculin	Field	171	18	10.53	2
Diallo et al (2016)	Mali	West	Liquid media culture	Culture	Abattoir	675	19	2.81	4
Ejeh et al (2014)	Nigeria	West	Postmoterm	Postmoterm	Abattoir	61654	1172	1.9	3
Folitse et al (2014)	Ghana	West	CTT	Tuberculin	Field	444	29	6.53	3
Ibrahim et al (2018)	Nigeria	West	Caudal fold tuberculin	Tuberculin	Field	5489	695	12.66	5
Kanyala et al (2022)	Burkina Faso	West	LPAs GenoType	Molecular	Abattoir	2165	27	1.25	5
Lopes et al (2016)	Ghana	West	Postmoterm	Postmoterm	Abattoir	244460	284	0.12	3
Makeri et al (2018)	Nigeria	West	Rapid BTB Ab Test	Elisa	Field	750	88	11.73	3
Michael et al (2021)	Nigeria	West	Ziehl–Neelsen	Microscopy	Abattoir	1852	66	3.56	4
Muller et al (2008)	Mali	West	Spoligotyping	Molecular	Abattoir	3330	20	0.6	4
Noudeke et al (2017)	Benin	West	CTT	Tuberculin	Field	780	17	2.18	4
Okeke et al (2014)	Nigeria	West	PCR	Molecular	Abattoir	168	30	17.86	5
Okeke et al (2016)	Nigeria	West	Postmoterm	Postmoterm	Abattoir	51262	4658	9.09	3
Oumar et al (2022)	Burkina Faso	West	Postmoterm	Postmoterm	Abattoir	1716	30	1.75	4
Saidu et al (2017)	Nigeria	West	Postmoterm	Postmoterm	Abattoir	154562	1202	0.78	3
Tinau et al (2020)	Nigeria	West	CTT	Tuberculin	Field	239	23	9.62	4
Yohanna et al (2008)	Nigeria	West	CTT	Tuberculin	Field	199	30	15.08	3
Coulibaly and Yameogo (2000)	Burkina Faso	West	Postmoterm	Postmoterm	Abattoir	135822	177	0.13	3
Dahourou et al (2023)	Burkina Faso	West	SIT	Tuberculin	Field	2195	77	3.51	5
Cook et al (1996)	Zambia	South	CTT	Tuberculin	Field	2226	165	7.41	5
Gathogo et al (2012)	Kenya	East	PCR	Molecular	Abattoir	176	21	11.93	4
Kouengoua et al (2024)	Cameroon	Central	CTT	Tuberculin	Field	160	1	0.63	4
Phiri (2006)	Zambia	South	Postmoterm	Postmoterm	Abattoir	32717	152	0.46	4
Kuria and Gathogo (2013)	Kenya	East	Lowenstein-Jensen culture	Culture	Abattoir	929	64	6.89	4
Monde et al (2023)	Zambia	South	PCR	Molecular	Abattoir	156	62	39.74	5

Sanou et al (2014)	Burkina Faso	West	Biochemical	Biochemical	Abattoir	1499	31	2.07	4
Oloya et al (2006)	Uganda	East	CTT	Tuberculin	Field	1864	28	1.5	3
Kazooru et al (2014)	Uganda	East	CTT	Tuberculin	Field	525	11	2.1	4
Munyeme et al (2012)	Zambia	South	Lowenstein-Jensen culture	Culture	Abattoir	1680	67	3.99	2
Boko et al (2022)	Benin	West	PCR	Molecular	Abattoir	40	26	65	3
Kwaghe et al (2023)	Nigeria	West	Lowenstein-Jensen culture	Culture	Abattoir	160	52	33	4
Hussein et al (2024)	Ethiopia	East	CTT	Tuberculin	Field	498	56	11	5
Mohamed et al (2023)	Somaliland	East	IFN- γ	IFN- γ	Field	306	31	10	3

IFN- γ : Interferon gamma assay; ELISA: Enzyme-linked immunosorbent assay; CTT: Comparative tuberculin test; PCR: Polymerase chain reaction; SIT: Single intradermal tuberculin; DRC: Democratic Republic of Congo; MTBC: *Mycobacterium tuberculosis* complex; AFB: Acid fast bacilli; and BTB Ab: Bovine tuberculosis antibody.

Table S3 Characteristics of studies selected for meta-analysis of *M. bovis* prevalence in humans in sub-Saharan Africa

Author	Country	Region	Type of TB infection	Study population	Diagnosis	Total cases	MTBC cases	<i>M. bovis</i> cases	Overall prevalence	Prevalence in MTBC cases	Quality score
Affolabi et al. (2017)	Benin	West	PTB	TB patients	Molecular	100	100	1	1.00	1.00	3
Mogashoa et al. (2019)	Botswana	South	PTB & EPTB	TB patients	Molecular	458	458	1	0.22	0.22	5
Sanou et al. (2014)	Burkina Faso	West	PTB	TB patients	Conventional	576	576	7	1.22	1.22	3
Diagbouga et al. (2017)	Burkina Faso	West	PTB	TB patients	Conventional	317	222	7	2.21	3.15	4
Godreuil et al. (2007)	Burkina Faso	West	PTB	TB patients	Molecular	120	120	0	0.00	0.00	4
Rigouts et al. (1996)	Burundi	Central	PTB & EPTB	TB patients	Conventional	170	119	0	0.00	0.00	4
Assam et al. (2013)	Cameroon	Central	PTB	TB patients	Molecular	964	169	0	0.00	0.00	4
Koro et al. (2013)	Cameroon	Central	PTB	TB patients	Conventional	622	622	1	0.16	0.16	4
Niobe-Eyangoh et al. (2003)	Cameroon	Central	PTB	TB patients	Molecular	455	455	1	0.22	0.22	4
Sidze et al. (2013)	Cameroon	Central	PTB	TB patients	Molecular	298	298	1	0.34	0.34	3
Kuaban et al. (2014)	Cameroon	Central	PTB	TB patients	Conventional	509	445	2	0.39	0.45	4
Ngandolo et al. (2021)	Chad	Central	PTB	TB patients	Molecular	478	71	1	0.21	1.41	3
Alelign et al. (2019)	Ethiopia	East	PTB & EPTB	TB patients	Molecular	186	111	0	0.00	0.00	4
Ameni et al. (2013)	Ethiopia	East	PTB	TB patients	Molecular	146	141	0	0.00	0.00	3
Bahiru et al. (2022)	Ethiopia	East	PTB	Livestock workers	Molecular	54	4	1	1.85	25.00	4
Belay et al. (2014)	Ethiopia	East	PTB	TB patients	Molecular	325	105	2	0.62	1.90	3

Firdessa et al. (2013)	Ethiopia	East	PTB & EPTB	TB patients	Molecular	2151	950	4	0.19	0.42	4
Gumi et al. (2012)	Ethiopia	East	PTB & EPTB	TB patients	Molecular	292	173	3	1.03	1.73	4
Worku et al. (2022)	Ethiopia	East	PTB & EPTB	TB patients	Molecular	323	323	1	0.31	0.31	5
Kidane et al. (2002)	Ethiopia	East	EPTB	TB patients	Molecular	72	40	6	8.33	15.00	3
Mengistu et al. (2015)	Ethiopia	East	PTB	Livestock workers	Molecular	124	4	0	0.00	0.00	5
Nuru et al. (2017)	Ethiopia	East	EPTB	TB patients	Molecular	70	40	2	2.86	5.00	3
Nuru et al. (2015)	Ethiopia	East	PTB & EPTB	TB patients	Molecular	168	168	2	1.19	1.19	5
Getahun et al. (2020)	Ethiopia	East	PTB	TB patients	Molecular	1735	1599	2	0.12	0.13	4
Hussien et al. (2022)	Ethiopia	East	PTB	TB patients	Molecular	450	315	1	0.22	0.32	4
De Jong et al. (2009)	Gambia	West	PTB	TB patients	Molecular	386	376	0	0.00	0.00	3
Acquah et al. (2021)	Ghana	West	PTB	TB patients	Molecular	566	294	4	0.71	1.36	4
Ameke et al. (2021)	Ghana	West	PTB	TB patients	Molecular	270	115	0	0.00	0.00	3
Amemor et al. (2017)	Ghana	West	PTB	Livestock workers	Conventional	68	68	0	0.00	0.00	3
Asante-Poku et al. (2015)	Ghana	West	PTB	TB patients	Molecular	622	613	0	0.00	0.00	4
Yeboah-Manu et al. (2016)	Ghana	West	PTB	TB patients	Molecular	3110	2551	15	0.48	0.59	5
Otchere et al. (2019)	Ghana	West	PTB	TB patients	Molecular	2074	1755	15	0.72	0.85	4
Källenius et al. (1999)	Guinea-Bissau	West	PTB	TB patients	Conventional	900	229	4	0.44	1.75	4
Kerubo et al. (2022)	Kenya	East	PTB	TB patients	Molecular	479	385	1	0.21	0.26	5

Rasolofo-Razanamparany et al. (1999)	Madagascar	East	PTB & EPTB	TB patients	Conventional	556	556	7	1.26	1.26	4
Togo et al. (2017)	Mali	West	PTB	TB patients	Molecular	904	445	4	0.44	0.90	4
Traore et al. (2012)	Mali	West	PTB	TB patients	Molecular	155	126	1	0.65	0.79	5
Diallo et al. (2016)	Mali	West	PTB	TB patients	Molecular	67	67	1	1.49	1.49	4
Kone et al. (2022)	Mali	West	PTB	TB patients	Molecular	245	245	5	2.04	2.04	5
Viegas et al. (2015)	Mozambique	South	EPTB	TB patients	Molecular	110	45	0	0.00	0.00	5
Adesokan et al. (2012)	Nigeria	West	PTB	Livestock workers	Molecular	70	7	2	2.86	28.57	4
Adesokan et al. (2019)	Nigeria	West	PTB	Livestock workers	Molecular	149	54	1	0.67	1.85	3
Agada et al. (2019)	Nigeria	West	PTB	Livestock workers	Molecular	93	2	0	0.00	0.00	3
Cadmus et al. (2018)	Nigeria	West	PTB	Livestock workers	Molecular	206	5	0	0.00	0.00	5
Cadmus et al. (2006)	Nigeria	West	PTB & EPTB	TB patients	Molecular	60	60	3	5.00	5.00	3
Kwaghe et al. (2023)	Nigeria	West	PTB	Livestock workers	Molecular	229	12	0	0.00	0.00	3
Mawak et al. (2006)	Nigeria	West	PTB	TB patients	Conventional	329	65	10	3.04	15.38	3
Pokam et al. (2019)	Nigeria	West	PTB	TB patients	Molecular	202	202	0	0.00	0.00	3
Ibrahim et al. (2021)	Nigeria	West	PTB	TB patients	Molecular	250	40	6	2.40	15.00	4
Bhembe et al. (2020)	South Africa	South	DRTB	TB patients	Molecular	3810	184	5	0.13	2.72	3
Sichewo et al. (2019)	South Africa	South	PTB	Livestock workers	Molecular	150	10	0	0.00	0.00	5
Katale et al. (2017)	Tanzania	East	PTB	TB patients	Molecular	472	460	0	0.00	0.00	3

Kazwala et al. (2001)	Tanzania	East	PTB & EPTB	TB patients	Conventional	149	44	7	4.70	15.91	4
Mfinanga et al. (2004)	Tanzania	East	EPTB	TB patients	Conventional	457	65	7	1.53	10.77	5
Oloya et al. (2008)	Uganda	East	EPTB	TB patients	Molecular	43	10	3	6.98	30.00	3
Malama et al. (2014)	Zambia	South	PTB	TB patients	Molecular	100	36	2	2.00	5.56	4
Malama et al. (2013)	Zambia	South	PTB	TB patients	Molecular	1017	1017	8	0.79	0.79	3
Solo et al. (2021)	Zambia	South	PTB	TB patients	Molecular	274	274	3	1.09	1.09	4
Waddel et al. (2001)	Zambia	South	EPTB	TB patients	Molecular	731	44	1	0.14	2.27	4

PTB: Pulmonary TB; EPTB: Extrapulmonary TB; DRTB: Drug-resistant TB; and MTBC: *Mycobacterium tuberculosis* complex

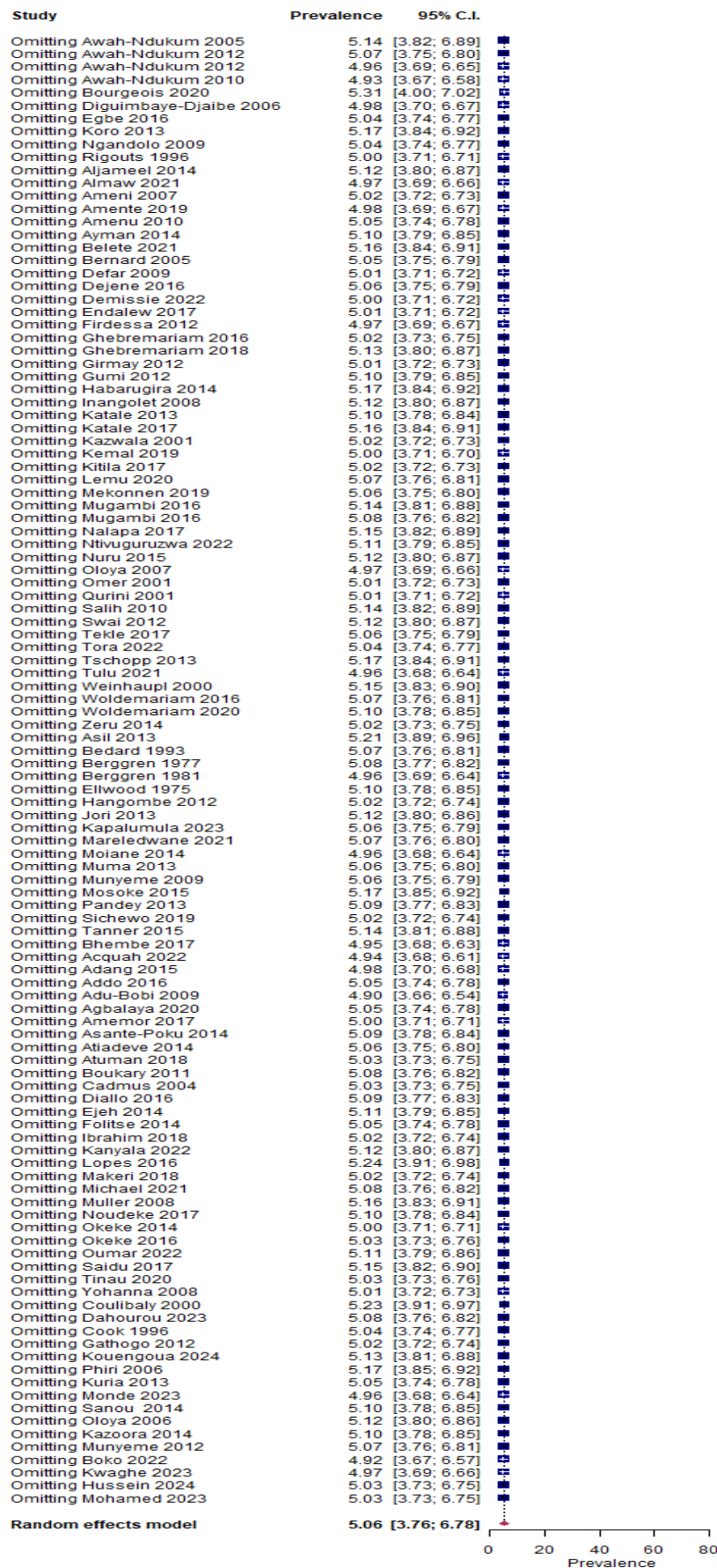


Fig. S1 Sensitivity analysis of prevalence of TB in cattle in sub-Saharan Africa.

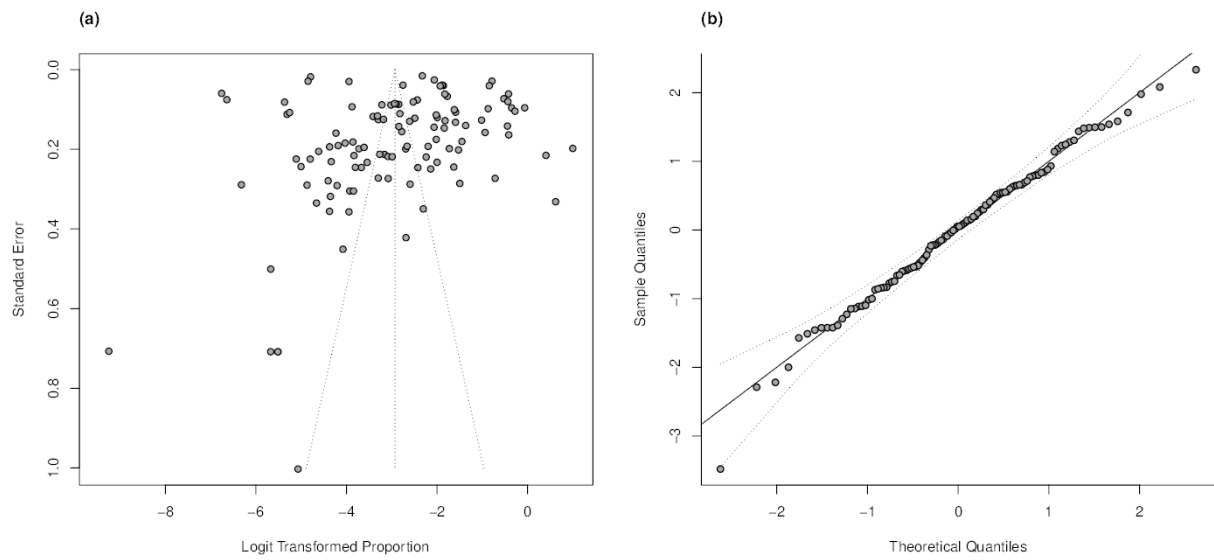


Fig. S2 Funnel and normal probability plot of prevalence of TB in cattle in sub-Saharan Africa: (a) Funnel plot and (b) Normal probability plot

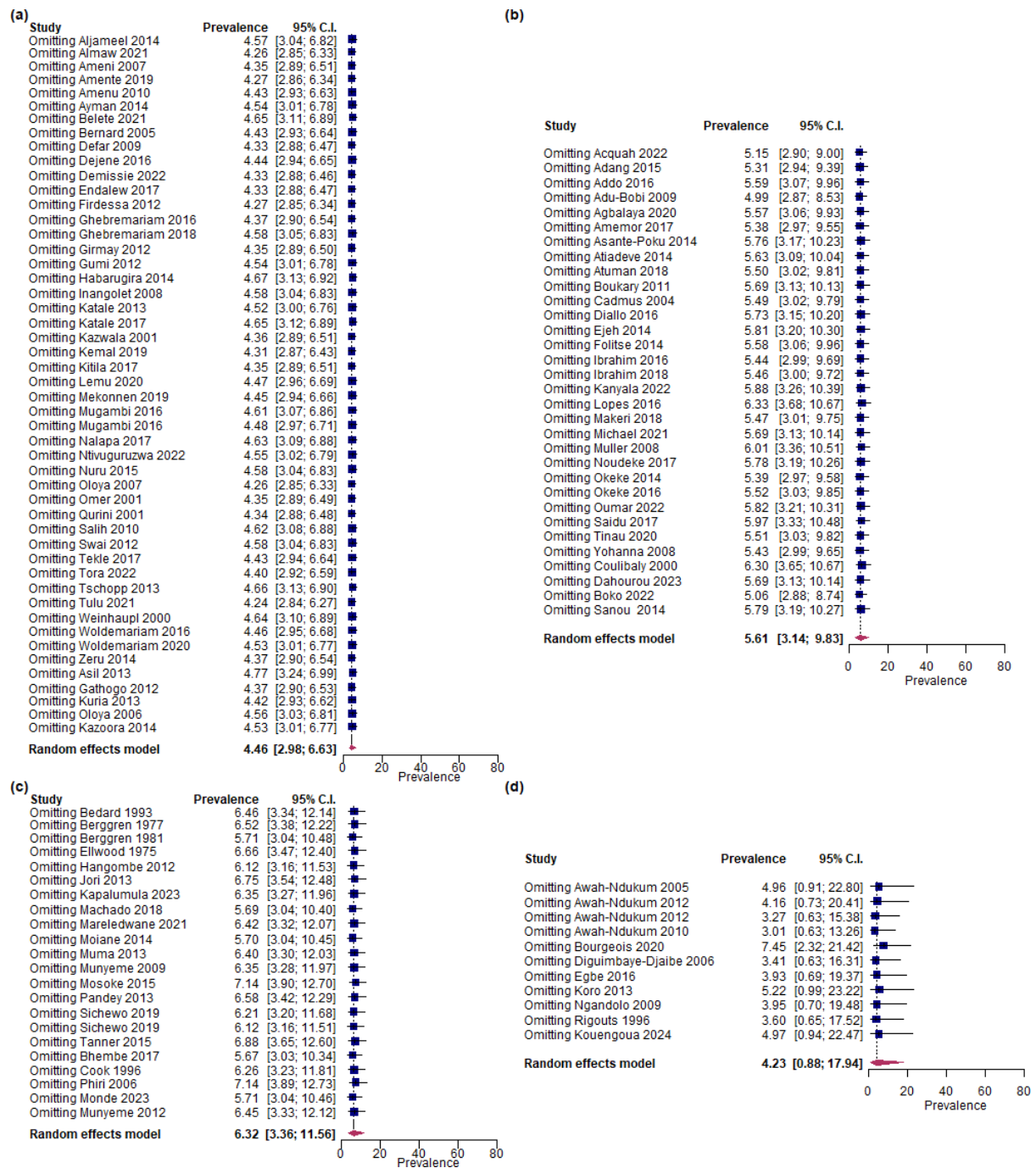


Fig. S3 Sensitivity analysis of prevalence of TB in cattle in regions of sub-Saharan Africa: (a) East Africa, (b) West Africa, (c) Southern Africa and (d) Central Africa

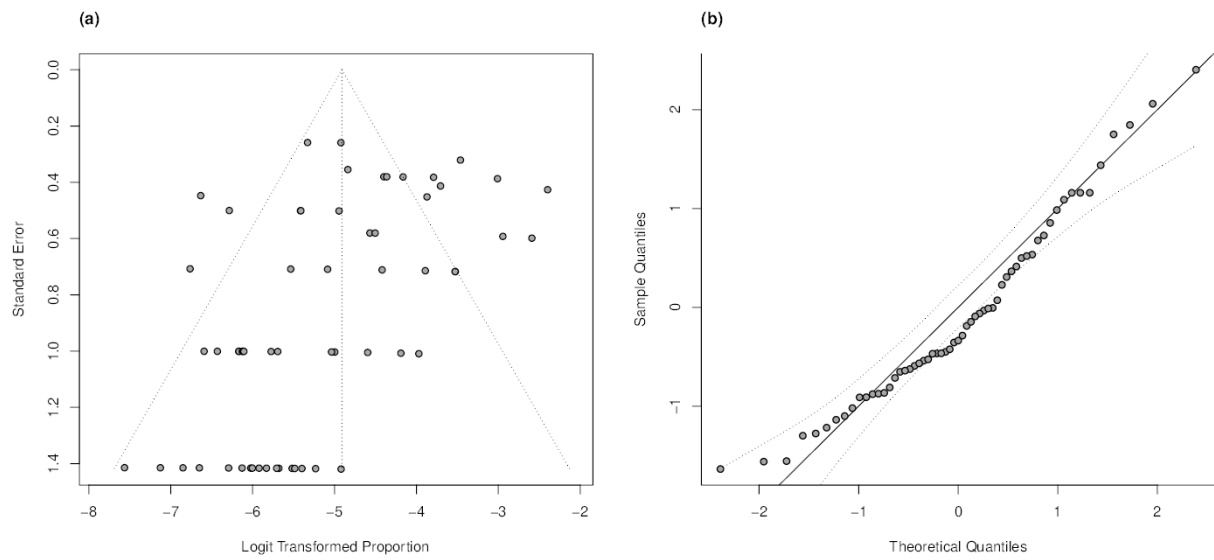


Fig. S4 Funnel and normal probability plot of prevalence of *M. bovis* among all humans in sub-Saharan Africa: (a) Funnel plot and (b) Normal probability plot



Fig. S5 Sensitivity analysis of prevalence of *M. bovis* among all humans in sub-Saharan Africa

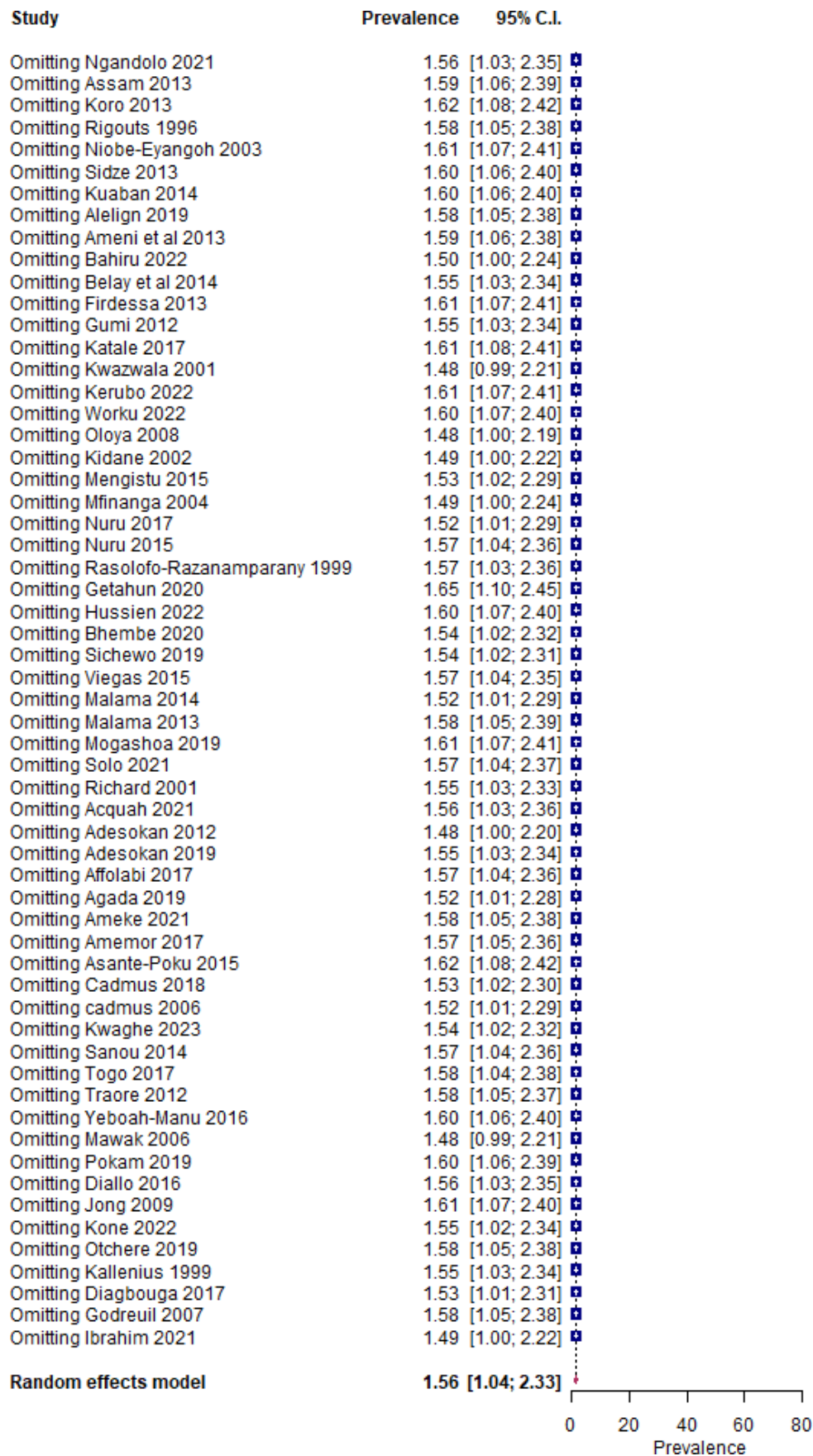


Fig. S6 Sensitivity analysis of prevalence of *M. bovis* among human TB cases in sub-Saharan Africa

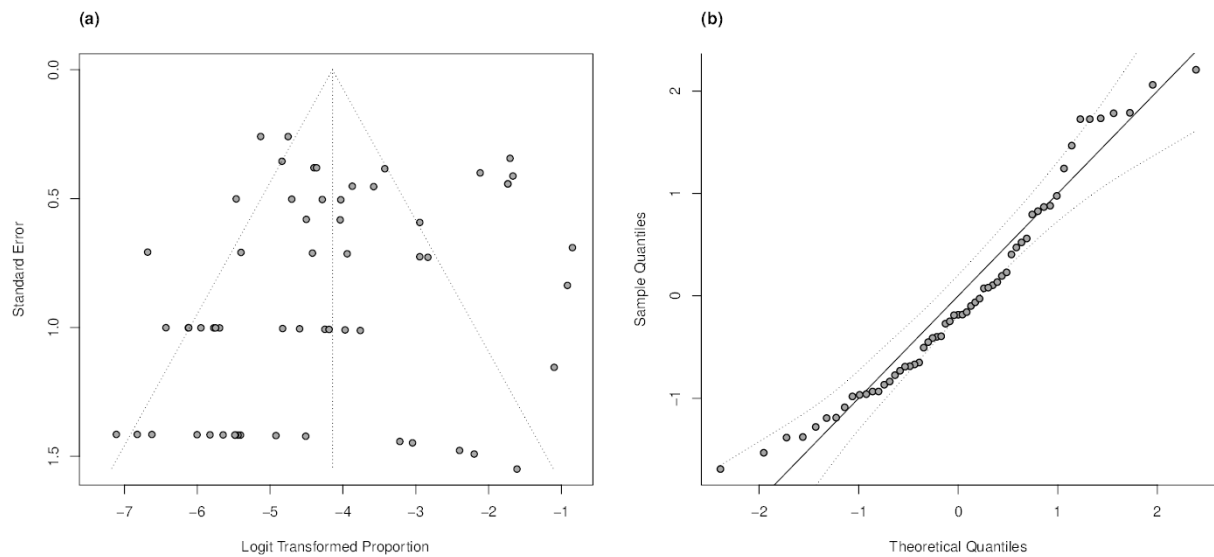


Fig. S7 Funnel and normal probability plot of prevalence of *M. bovis* among human TB cases in sub-Saharan Africa: (a) Funnel plot and (b) Normal probability plot

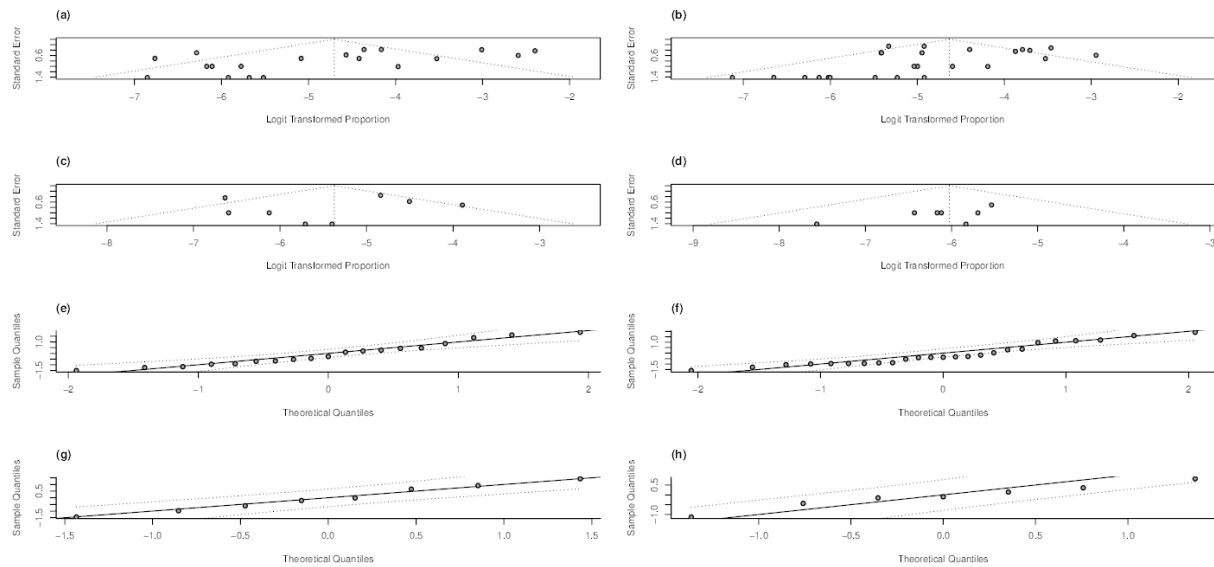


Fig. S8 Funnel plot (a-d) and normal probability plot (e-h) of prevalence of *M. bovis* among all humans in regions of sub-Saharan Africa: (a) East Africa, (b) West Africa, (c) Southern Africa, (d) Central Africa, (e) East Africa, (f) West Africa, (g) Southern Africa and (h) Central Africa

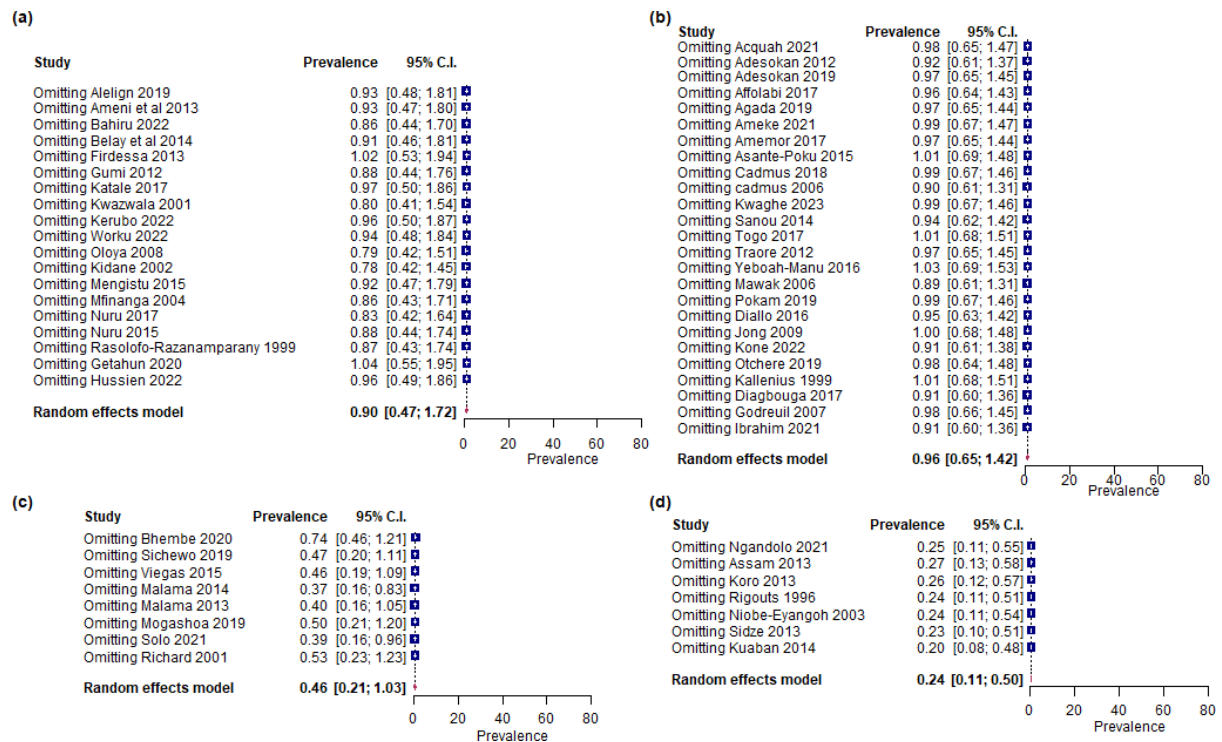


Fig. S9 Sensitivity analysis of prevalence of *M. bovis* among all humans in regions of sub-Saharan Africa: (a) East Africa, (b) West Africa, (c) Southern Africa and (d) Central Africa