

Supporting information for the article:

Understanding catalytic biomass conversion through data mining

Erik-Jan Ras,^{a,b} Ben McKay^a and Gadi Rothenberg^{b,*}

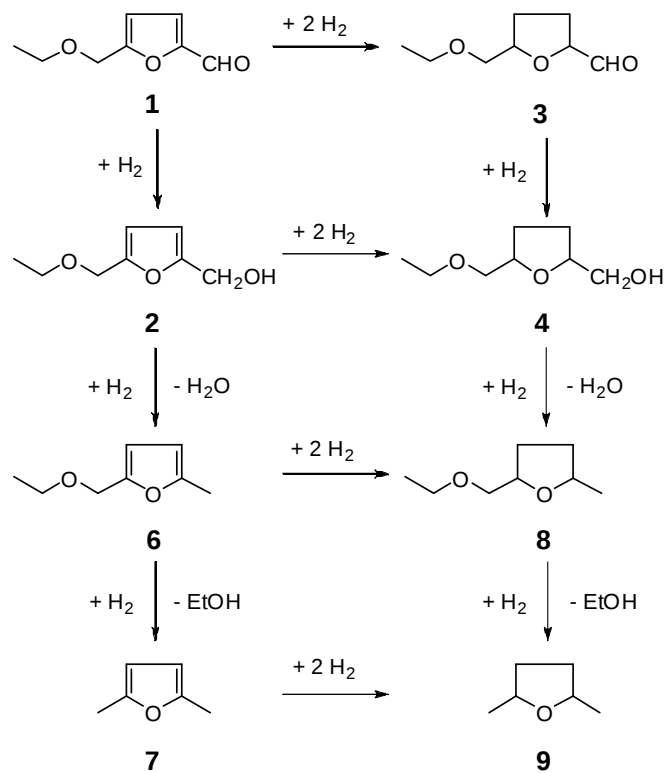
^a Avantium Technologies B.V. Zekeringstraat 29, 1014BV Amsterdam, The Netherlands. Tel. +31 (0)20 586 8080, Fax. +31 (0)20 586 8085.

^b Van 't Hoff Institute of Molecular Sciences, University of Amsterdam, Nieuwe Achtergracht 166, 1018 WV Amsterdam, The Netherlands. Tel. +31 (0)20 525 6963, Fax. +31 (0)20 525 5604, e-mail: g.rothenberg@uva.nl

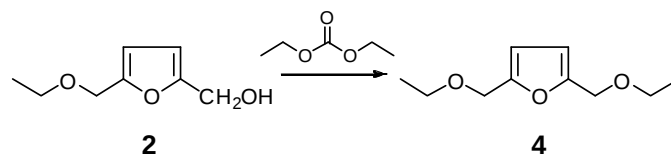
This document provides the raw data and data analysis results reported in the full text. The data is organised in tabular format, where the raw data is provided in Table 1, the scores of the PCA model in Table 2 and the loadings of the PCA model in Table 3. The PrimaryID in Table 1 and Table 2 serves as a key to link observations and scores, whereas the yield values y(2)-y(9) in Table 2 and Table 3 serve as a key to link scores and loadings. Should the reader desire to do so, this data can be easily combined in a relational database tool like Microsoft Access.

The PCA model has been generated using Simca-P version 12 from Umetrics. The statistics describing the fit of each experiment (row) in Table 2 in the PCA model are taken directly from the software. Their statistical foundations can be found in the documentation of the software. This also applies to the scores (Table 2) and loadings (Table 3).

For reference purposes, the reaction scheme identifying the chemical substances designated by the identifiers **1-9** is given below, corresponding to Scheme 1 in the full text document.



Only using diethyl carbonate solvent



Scheme 1 Chemical reactions involved in the hydrogenation of 5-ethoxymethylfurfural **1**.

Table 1 Catalysts, conditions and results for all experiments

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
1	Al ₂ O ₃	-	Fe	80	diethyl carbonate	37.4	39.9	0.0	0.0	22.1	0.0	0.0	0.0	32.9	14.9	0.0	0.0	8.2	0.0	0.0	0.0	12.3
2	Al ₂ O ₃	-	Fe	100	diethyl carbonate	50.4	16.9	0.0	0.0	31.1	0.9	0.0	0.0	23.8	8.5	0.0	0.0	15.7	0.4	0.0	0.0	12.0
3	Al ₂ O ₃	-	Fe	120	diethyl carbonate	72.0	7.1	0.2	0.0	53.0	2.4	0.0	0.0	25.2	5.1	0.1	0.0	38.2	1.7	0.0	0.0	18.2
4	Al ₂ O ₃	Ir	-	80	diethyl carbonate	94.8	70.7	0.2	0.0	4.2	1.0	0.0	0.0	15.1	67.0	0.2	0.0	4.0	0.9	0.0	0.0	14.3
5	Al ₂ O ₃	Ir	-	100	diethyl carbonate	72.3	24.7	0.0	0.3	23.8	2.2	0.0	0.0	22.9	17.8	0.0	0.2	17.2	1.6	0.0	0.0	16.5
6	Al ₂ O ₃	Ir	-	120	diethyl carbonate	78.7	7.6	0.0	0.4	52.9	4.5	0.4	0.0	27.7	6.0	0.0	0.3	41.7	3.5	0.3	0.0	21.8
7	Al ₂ O ₃	Ir	Bi	80	diethyl carbonate	77.3	73.4	0.0	0.0	3.7	0.4	0.0	0.0	15.8	56.8	0.0	0.0	2.8	0.3	0.0	0.0	12.2
8	Al ₂ O ₃	Ir	Bi	100	diethyl carbonate	56.1	31.0	0.0	0.0	20.0	1.5	0.0	0.0	21.6	17.4	0.0	0.0	11.2	0.9	0.0	0.0	12.1
9	Al ₂ O ₃	Ir	Bi	120	diethyl carbonate	68.4	11.7	0.0	0.0	49.0	3.3	0.3	0.0	26.2	8.0	0.0	0.0	33.5	2.3	0.2	0.0	18.0
10	Al ₂ O ₃	Ir	Cr	80	diethyl carbonate	94.6	78.5	0.2	0.0	3.0	0.8	0.0	0.0	14.2	74.3	0.2	0.0	2.8	0.8	0.0	0.0	13.4
11	Al ₂ O ₃	Ir	Cr	100	diethyl carbonate	72.1	30.7	0.0	0.2	19.3	2.3	0.0	0.0	22.2	22.1	0.0	0.1	13.9	1.6	0.0	0.0	16.0
12	Al ₂ O ₃	Ir	Cr	120	diethyl carbonate	75.5	9.7	0.0	0.5	52.3	4.8	0.5	0.0	27.7	7.3	0.0	0.3	39.5	3.6	0.3	0.0	20.9
13	Al ₂ O ₃	Ir	Fe	80	diethyl carbonate	82.4	73.6	0.0	0.0	4.1	0.7	0.0	0.0	15.8	60.6	0.0	0.0	3.4	0.6	0.0	0.0	13.0
14	Al ₂ O ₃	Ir	Fe	100	diethyl carbonate	57.5	29.5	0.0	0.0	23.1	2.1	0.0	0.0	24.3	17.0	0.0	0.0	13.3	1.2	0.0	0.0	13.9
15	Al ₂ O ₃	Ir	Fe	120	diethyl carbonate	64.8	12.5	0.0	0.4	62.2	5.2	0.5	0.0	29.8	8.1	0.0	0.2	40.3	3.4	0.3	0.0	19.3
16	Al ₂ O ₃	Ir	Na	80	diethyl carbonate	91.4	79.8	0.3	0.0	3.2	0.9	0.0	0.0	15.6	72.9	0.2	0.0	2.9	0.8	0.0	0.0	14.2
17	Al ₂ O ₃	Ir	Na	100	diethyl carbonate	70.7	24.9	0.0	0.0	16.6	2.0	0.2	0.0	24.1	17.6	0.0	0.0	11.8	1.4	0.1	0.0	17.1
18	Al ₂ O ₃	Ir	Na	120	diethyl carbonate	64.1	15.1	0.0	0.4	77.1	6.3	0.5	0.0	35.0	9.7	0.0	0.2	49.4	4.1	0.3	0.0	22.5
19	Al ₂ O ₃	Ir	Sn	80	diethyl carbonate	97.2	72.0	0.2	0.0	4.0	0.9	0.0	0.0	13.8	70.0	0.2	0.0	3.8	0.9	0.0	0.0	13.4
20	Al ₂ O ₃	Ir	Sn	100	diethyl carbonate	65.7	25.3	0.0	0.0	24.3	2.6	0.3	0.0	22.0	16.6	0.0	0.0	16.0	1.7	0.2	0.0	14.5

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
21	Al2O3	Ir	Sn	120	diethyl carbonate	75.6	6.9	0.0	0.3	54.8	5.2	0.6	0.0	26.3	5.2	0.0	0.2	41.4	4.0	0.5	0.0	19.9
22	Al2O3	Ir	W	80	diethyl carbonate	100.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
23	Al2O3	Ir	W	100	diethyl carbonate	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	Al2O3	Ir	W	120	diethyl carbonate	99.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	Al2O3	Ru	-	80	diethyl carbonate	43.9	33.7	0.0	0.0	4.9	0.0	0.0	0.0	22.9	14.8	0.0	0.0	2.1	0.0	0.0	0.0	10.1
26	Al2O3	Ru	-	100	diethyl carbonate	47.2	24.5	0.0	0.0	16.9	0.5	0.0	0.0	19.9	11.6	0.0	0.0	8.0	0.2	0.0	0.0	9.4
27	Al2O3	Ru	-	120	diethyl carbonate	67.6	12.0	0.0	0.5	37.2	1.7	0.0	0.0	23.9	8.1	0.0	0.3	25.2	1.1	0.0	0.0	16.1
28	Al2O3	Ru	Bi	80	diethyl carbonate	46.4	30.2	0.0	0.0	5.4	0.0	0.0	0.0	21.9	14.0	0.0	0.0	2.5	0.0	0.0	0.0	10.2
29	Al2O3	Ru	Bi	100	diethyl carbonate	50.5	22.0	0.0	0.0	17.1	0.4	0.0	0.0	23.1	11.1	0.0	0.0	8.6	0.2	0.0	0.0	11.7
30	Al2O3	Ru	Bi	120	diethyl carbonate	69.0	11.5	0.2	0.0	37.6	1.0	0.2	0.0	24.9	7.9	0.1	0.0	26.0	0.7	0.1	0.0	17.2
31	Al2O3	Ru	Cr	80	diethyl carbonate	46.1	31.1	0.0	0.0	6.6	0.0	0.0	0.0	24.0	14.3	0.0	0.0	3.1	0.0	0.0	0.0	11.1
32	Al2O3	Ru	Cr	100	diethyl carbonate	49.4	21.4	0.0	0.0	20.1	0.4	0.0	0.0	22.3	10.6	0.0	0.0	9.9	0.2	0.0	0.0	11.0
33	Al2O3	Ru	Cr	120	diethyl carbonate	69.2	10.6	0.0	0.5	43.7	2.0	0.0	0.0	25.3	7.3	0.0	0.3	30.3	1.4	0.0	0.0	17.5
34	Al2O3	Ru	Fe	80	diethyl carbonate	43.9	37.5	0.0	0.0	6.9	0.0	0.0	0.0	25.2	16.5	0.0	0.0	3.1	0.0	0.0	0.0	11.1
35	Al2O3	Ru	Fe	100	diethyl carbonate	50.3	23.6	0.0	0.0	19.3	0.6	0.0	0.0	23.0	11.9	0.0	0.0	9.7	0.3	0.0	0.0	11.6
36	Al2O3	Ru	Fe	120	diethyl carbonate	70.4	11.5	0.0	0.5	40.9	1.8	0.0	0.0	25.5	8.1	0.0	0.3	28.8	1.2	0.0	0.0	18.0
37	Al2O3	Ru	Na	80	diethyl carbonate	43.5	33.5	0.0	0.0	7.0	0.0	0.0	0.0	23.4	14.6	0.0	0.0	3.1	0.0	0.0	0.0	10.2
38	Al2O3	Ru	Na	100	diethyl carbonate	46.7	22.9	0.0	0.0	20.6	0.5	0.0	0.0	23.2	10.7	0.0	0.0	9.6	0.2	0.0	0.0	10.8
39	Al2O3	Ru	Na	120	diethyl carbonate	65.4	12.4	0.0	0.5	44.4	1.9	0.0	0.0	26.8	8.1	0.0	0.3	29.0	1.2	0.0	0.0	17.5
40	Al2O3	Ru	Sn	80	diethyl carbonate	43.2	35.3	0.0	0.0	5.2	0.0	0.0	0.0	24.5	15.2	0.0	0.0	2.3	0.0	0.0	0.0	10.6
41	Al2O3	Ru	Sn	100	diethyl carbonate	45.5	26.8	0.0	0.0	17.1	1.0	0.0	0.0	24.2	12.2	0.0	0.0	7.8	0.4	0.0	0.0	11.0

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
42	Al2O3	Ru	Sn	120	diethyl carbonate	64.9	14.1	0.0	0.4	39.0	2.1	0.2	0.0	28.0	9.1	0.0	0.2	25.3	1.4	0.1	0.0	18.2
43	Al2O3	Ru	W	80	diethyl carbonate	42.4	32.7	0.0	0.0	7.5	0.0	0.0	0.0	24.7	13.9	0.0	0.0	3.2	0.0	0.0	0.0	10.5
44	Al2O3	Ru	W	100	diethyl carbonate	41.8	23.8	0.0	0.0	25.6	0.8	0.0	0.0	23.8	9.9	0.0	0.0	10.7	0.3	0.0	0.0	9.9
45	Al2O3	Ru	W	120	diethyl carbonate	58.4	13.5	0.0	0.6	61.3	2.7	0.0	0.0	28.6	7.9	0.0	0.3	35.8	1.6	0.0	0.0	16.7
46	SiO2	-	Fe	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	SiO2	-	Fe	100	diethyl carbonate	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
48	SiO2	-	Fe	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	SiO2	Ir	-	80	diethyl carbonate	10.8	25.5	0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5
50	SiO2	Ir	-	100	diethyl carbonate	0.9	99.9	0.0	0.0	0.0	0.0	0.0	0.0	57.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5
51	SiO2	Ir	-	120	diethyl carbonate	4.7	86.1	0.0	0.0	0.0	5.6	0.0	0.0	11.1	4.1	0.0	0.0	0.0	0.3	0.0	0.0	0.5
52	SiO2	Ir	Bi	80	diethyl carbonate	13.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5
53	SiO2	Ir	Bi	100	diethyl carbonate	0.3	99.9	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3
54	SiO2	Ir	Bi	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	SiO2	Ir	Cr	80	diethyl carbonate	14.2	19.5	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5
56	SiO2	Ir	Cr	100	diethyl carbonate	1.3	99.9	0.0	0.0	0.0	0.0	0.0	0.0	40.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
57	SiO2	Ir	Cr	120	diethyl carbonate	5.7	59.1	0.0	0.0	0.0	2.3	0.0	0.0	9.1	3.4	0.0	0.0	0.0	0.1	0.0	0.0	0.5
58	SiO2	Ir	Fe	80	diethyl carbonate	13.6	25.4	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
59	SiO2	Ir	Fe	100	diethyl carbonate	2.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0	26.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
60	SiO2	Ir	Fe	120	diethyl carbonate	3.1	99.9	0.0	0.0	0.0	4.2	0.0	0.0	20.8	3.1	0.0	0.0	0.0	0.1	0.0	0.0	0.7
61	SiO2	Ir	Na	80	diethyl carbonate	16.7	13.8	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
62	SiO2	Ir	Na	100	diethyl carbonate	2.3	100.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
63	SiO2	Ir	Na	120	diethyl carbonate	4.2	90.6	0.0	0.0	0.0	3.1	0.0	0.0	15.6	3.8	0.0	0.0	0.0	0.1	0.0	0.0	0.7
64	SiO2	Ir	Sn	80	diethyl carbonate	6.9	11.7	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5
65	SiO2	Ir	Sn	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66	SiO2	Ir	Sn	120	diethyl carbonate	2.4	99.9	0.0	0.0	0.0	0.0	16.7	0.0	27.8	2.4	0.0	0.0	0.0	0.0	0.4	0.0	0.7
67	SiO2	Ir	W	80	diethyl carbonate	9.2	46.3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
68	SiO2	Ir	W	100	diethyl carbonate	2.8	100.0	0.0	0.0	0.0	9.5	0.0	0.0	19.1	2.8	0.0	0.0	0.0	0.3	0.0	0.0	0.5
69	SiO2	Ir	W	120	diethyl carbonate	5.4	82.9	0.0	0.0	0.0	9.8	0.0	0.0	9.8	4.4	0.0	0.0	0.0	0.5	0.0	0.0	0.5
70	SiO2	Ru	-	80	diethyl carbonate	12.3	6.5	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5
71	SiO2	Ru	-	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	SiO2	Ru	-	120	diethyl carbonate	3.1	66.7	0.0	0.0	0.0	0.0	0.0	0.0	16.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
73	SiO2	Ru	Bi	80	diethyl carbonate	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
74	SiO2	Ru	Bi	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	SiO2	Ru	Bi	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	SiO2	Ru	Cr	80	diethyl carbonate	7.0	19.7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5
77	SiO2	Ru	Cr	100	diethyl carbonate	0.9	99.9	0.0	0.0	0.0	0.0	0.0	0.0	57.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5
78	SiO2	Ru	Cr	120	diethyl carbonate	2.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0	26.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
79	SiO2	Ru	Fe	80	diethyl carbonate	10.5	15.4	0.0	0.0	0.0	0.0	0.0	0.0	4.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.5
80	SiO2	Ru	Fe	100	diethyl carbonate	3.8	55.2	0.0	0.0	0.0	0.0	0.0	0.0	13.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.5
81	SiO2	Ru	Fe	120	diethyl carbonate	7.1	66.7	0.0	0.0	0.0	3.7	0.0	0.0	7.4	4.7	0.0	0.0	0.0	0.3	0.0	0.0	0.5
82	SiO2	Ru	Na	80	diethyl carbonate	13.5	8.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
83	SiO2	Ru	Na	100	diethyl carbonate	0.8	99.9	0.0	0.0	0.0	0.0	0.0	0.0	66.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
84	SiO2	Ru	Na	120	diethyl carbonate	4.7	83.3	0.0	0.0	0.0	0.0	0.0	0.0	11.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5
85	SiO2	Ru	Sn	80	diethyl carbonate	15.1	16.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5
86	SiO2	Ru	Sn	100	diethyl carbonate	3.3	99.9	0.0	0.0	0.0	0.0	0.0	0.0	16.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5
87	SiO2	Ru	Sn	120	diethyl carbonate	11.8	73.3	0.0	0.0	0.0	0.0	3.3	0.0	5.6	8.6	0.0	0.0	0.0	0.0	0.4	0.0	0.7
88	SiO2	Ru	W	80	diethyl carbonate	11.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5
89	SiO2	Ru	W	100	diethyl carbonate	1.3	90.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5
90	SiO2	Ru	W	120	diethyl carbonate	3.1	66.7	0.0	0.0	0.0	8.3	0.0	0.0	16.7	2.1	0.0	0.0	0.0	0.3	0.0	0.0	0.5
91	Al2O3	-	Bi	80	diethyl carbonate	28.6	33.8	0.0	0.0	25.2	0.0	0.0	0.0	27.5	9.7	0.0	0.0	7.2	0.0	0.0	0.0	7.9
92	Al2O3	-	Bi	100	diethyl carbonate	41.3	15.9	0.0	0.0	28.3	0.8	0.0	0.0	18.4	6.6	0.0	0.0	11.7	0.3	0.0	0.0	7.6
93	Al2O3	-	Bi	120	diethyl carbonate	69.5	7.3	0.0	0.0	50.3	2.2	0.3	0.0	21.8	5.0	0.0	0.0	34.9	1.5	0.2	0.0	15.1
94	Al2O3	Au	-	80	diethyl carbonate	37.5	28.5	0.0	0.0	18.9	5.2	0.0	0.0	27.8	10.7	0.0	0.0	7.1	1.9	0.0	0.0	10.4
95	Al2O3	Au	-	100	diethyl carbonate	53.4	17.0	0.0	0.0	26.3	5.9	0.6	0.0	23.4	9.1	0.0	0.0	14.1	3.2	0.3	0.0	12.5
96	Al2O3	Au	-	120	diethyl carbonate	82.3	7.1	0.3	0.3	49.0	6.4	0.9	0.0	27.4	5.9	0.2	0.2	40.3	5.3	0.7	0.0	22.5
97	Al2O3	Au	Bi	80	diethyl carbonate	32.6	43.9	0.0	0.0	18.6	5.1	0.0	0.0	35.6	14.3	0.0	0.0	6.1	1.7	0.0	0.0	11.6
98	Al2O3	Au	Bi	100	diethyl carbonate	48.9	19.7	0.0	0.0	23.4	4.4	0.5	0.0	23.9	9.6	0.0	0.0	11.5	2.2	0.2	0.0	11.7
99	Al2O3	Au	Bi	120	diethyl carbonate	77.4	8.8	0.3	0.0	45.6	5.3	0.6	0.0	26.7	6.8	0.2	0.0	35.3	4.1	0.5	0.0	20.6
100	Al2O3	Au	Cr	80	diethyl carbonate	25.4	33.0	0.0	0.0	21.3	4.6	0.0	0.0	33.0	8.4	0.0	0.0	5.4	1.2	0.0	0.0	8.4
101	Al2O3	Au	Cr	100	diethyl carbonate	42.3	18.2	0.0	0.0	24.9	5.4	0.5	0.0	23.3	7.7	0.0	0.0	10.5	2.3	0.2	0.0	9.9
102	Al2O3	Au	Cr	120	diethyl carbonate	72.9	9.3	0.2	0.0	56.6	7.2	0.8	0.0	27.2	6.8	0.1	0.0	41.3	5.3	0.6	0.0	19.8
103	Al2O3	Au	Fe	80	diethyl carbonate	20.1	76.3	0.0	0.0	39.1	13.5	1.3	0.0	59.0	15.3	0.0	0.0	7.9	2.7	0.3	0.0	11.9
104	Al2O3	Au	Fe	100	diethyl carbonate	52.8	18.2	0.0	0.0	24.0	6.7	0.9	0.0	25.1	9.6	0.0	0.0	12.7	3.5	0.5	0.0	13.3

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
105	Al2O3	Au	Fe	120	diethyl carbonate	82.1	7.9	0.3	0.3	44.7	7.3	1.1	0.0	30.4	6.5	0.2	0.2	36.7	6.0	0.9	0.0	25.0
106	Al2O3	Au	Na	80	diethyl carbonate	29.3	32.6	0.0	0.0	18.9	6.2	0.9	0.0	32.6	9.5	0.0	0.0	5.5	1.8	0.3	0.0	9.5
107	Al2O3	Au	Na	100	diethyl carbonate	43.2	19.2	0.0	0.0	26.3	7.4	1.1	0.0	26.8	8.3	0.0	0.0	11.3	3.2	0.5	0.0	11.6
108	Al2O3	Au	Na	120	diethyl carbonate	76.6	7.7	0.0	0.0	46.6	6.7	1.2	0.0	28.0	5.9	0.0	0.0	35.6	5.2	0.9	0.0	21.5
109	Al2O3	Au	Sn	80	diethyl carbonate	36.6	29.6	0.0	0.0	21.1	4.9	0.0	0.0	27.8	10.8	0.0	0.0	7.7	1.8	0.0	0.0	10.2
110	Al2O3	Au	Sn	100	diethyl carbonate	54.3	16.1	0.0	0.0	28.6	5.4	0.6	0.0	23.0	8.7	0.0	0.0	15.5	3.0	0.3	0.0	12.5
111	Al2O3	Au	Sn	120	diethyl carbonate	83.4	6.6	0.3	0.3	49.8	5.6	1.0	0.0	26.0	5.5	0.2	0.2	41.5	4.7	0.8	0.0	21.7
112	Al2O3	Au	W	80	diethyl carbonate	33.3	32.2	0.0	0.0	20.2	5.4	0.0	0.0	29.5	10.7	0.0	0.0	6.7	1.8	0.0	0.0	9.8
113	Al2O3	Au	W	100	diethyl carbonate	50.2	17.8	0.0	0.0	26.2	6.1	0.7	0.0	23.5	9.0	0.0	0.0	13.2	3.1	0.3	0.0	11.8
114	Al2O3	Au	W	120	diethyl carbonate	80.5	7.7	0.3	0.3	49.8	7.0	1.0	0.0	27.4	6.2	0.2	0.2	40.1	5.6	0.8	0.0	22.0
115	Al2O3	Rh	-	80	diethyl carbonate	68.3	82.6	15.5	0.4	2.8	3.6	0.0	0.4	15.5	56.4	10.6	0.3	1.9	2.5	0.0	0.3	10.6
116	Al2O3	Rh	-	100	diethyl carbonate	67.1	27.4	0.8	0.5	20.4	7.4	0.7	0.0	22.6	18.4	0.6	0.3	13.7	5.0	0.5	0.0	15.2
117	Al2O3	Rh	-	120	diethyl carbonate	94.3	4.2	0.0	3.0	53.6	12.2	1.9	0.0	30.0	4.0	0.0	2.8	50.5	11.5	1.8	0.0	28.3
118	Al2O3	Rh	Bi	80	diethyl carbonate	58.3	59.7	6.6	0.7	4.7	4.0	0.0	0.0	20.8	34.8	3.9	0.4	2.7	2.3	0.0	0.0	12.1
119	Al2O3	Rh	Bi	100	diethyl carbonate	57.6	22.8	0.0	0.8	28.0	6.5	0.6	0.0	26.2	13.2	0.0	0.5	16.1	3.7	0.3	0.0	15.1
120	Al2O3	Rh	Bi	120	diethyl carbonate	89.5	5.0	0.0	3.7	52.8	10.1	1.2	0.0	30.9	4.5	0.0	3.3	47.3	9.0	1.1	0.0	27.7
121	Al2O3	Rh	Cr	80	diethyl carbonate	76.3	62.7	16.4	0.5	3.2	4.6	0.0	1.4	16.1	47.8	12.5	0.4	2.5	3.5	0.0	1.0	12.2
122	Al2O3	Rh	Cr	100	diethyl carbonate	71.3	21.8	0.6	0.8	26.7	8.3	0.8	0.0	24.3	15.5	0.5	0.6	19.1	5.9	0.6	0.0	17.4
123	Al2O3	Rh	Cr	120	diethyl carbonate	96.8	2.4	0.1	4.2	59.8	13.6	2.2	0.0	32.9	2.3	0.1	4.1	57.9	13.1	2.1	0.0	31.9
124	Al2O3	Rh	Fe	80	diethyl carbonate	94.2	64.3	17.8	0.3	2.6	3.8	0.0	1.1	14.9	60.6	16.8	0.3	2.5	3.6	0.0	1.0	14.1
125	Al2O3	Rh	Fe	100	diethyl carbonate	88.7	35.2	0.8	0.5	18.7	10.0	0.9	0.0	22.3	31.2	0.7	0.5	16.6	8.8	0.8	0.0	19.7

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
126	Al2O3	Rh	Fe	120	diethyl carbonate	99.4	3.4	0.0	2.4	58.6	16.6	2.5	0.0	34.3	3.4	0.0	2.3	58.3	16.5	2.5	0.0	34.1
127	Al2O3	Rh	Na	80	diethyl carbonate	78.1	61.4	16.8	0.5	3.5	5.0	0.0	1.3	16.5	47.9	13.1	0.4	2.7	3.9	0.0	1.0	12.9
128	Al2O3	Rh	Na	100	diethyl carbonate	74.9	19.5	0.3	0.9	27.2	7.9	0.8	0.0	24.5	14.6	0.2	0.7	20.4	5.9	0.6	0.0	18.4
129	Al2O3	Rh	Na	120	diethyl carbonate	97.3	2.4	0.2	5.4	62.4	13.9	2.1	0.0	34.2	2.3	0.2	5.3	60.7	13.5	2.0	0.0	33.3
130	Al2O3	Rh	Sn	80	diethyl carbonate	74.7	59.3	15.7	0.5	2.4	4.1	0.0	1.2	16.0	44.3	11.7	0.4	1.8	3.1	0.0	0.9	12.0
131	Al2O3	Rh	Sn	100	diethyl carbonate	65.2	25.6	0.4	0.9	25.9	8.2	0.9	0.0	28.2	16.7	0.2	0.6	16.9	5.3	0.6	0.0	18.4
132	Al2O3	Rh	Sn	120	diethyl carbonate	94.5	3.7	0.3	4.2	56.3	12.8	2.0	0.0	35.9	3.5	0.2	4.0	53.2	12.1	1.9	0.0	33.9
133	Al2O3	Rh	W	80	diethyl carbonate	73.7	64.2	10.0	0.5	3.5	4.7	0.0	0.5	18.2	47.3	7.4	0.4	2.6	3.5	0.0	0.4	13.4
134	Al2O3	Rh	W	100	diethyl carbonate	71.5	21.4	0.5	0.8	23.5	9.0	1.0	0.0	25.7	15.3	0.3	0.6	16.8	6.5	0.7	0.0	18.4
135	Al2O3	Rh	W	120	diethyl carbonate	96.7	2.9	0.0	4.1	56.5	14.6	2.3	0.0	33.9	2.8	0.0	4.0	54.6	14.1	2.2	0.0	32.8
136	SiO2	-	Bi	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137	SiO2	-	Bi	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138	SiO2	-	Bi	120	diethyl carbonate	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
139	SiO2	Au	-	80	diethyl carbonate	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
140	SiO2	Au	-	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141	SiO2	Au	-	120	diethyl carbonate	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
142	SiO2	Au	Bi	80	diethyl carbonate	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
143	SiO2	Au	Bi	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144	SiO2	Au	Bi	120	diethyl carbonate	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
145	SiO2	Au	Cr	80	diethyl carbonate	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
146	SiO2	Au	Cr	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
147	SiO2	Au	Cr	120	diethyl carbonate	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
148	SiO2	Au	Fe	80	diethyl carbonate	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
149	SiO2	Au	Fe	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	SiO2	Au	Fe	120	diethyl carbonate	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
151	SiO2	Au	Na	80	diethyl carbonate	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
152	SiO2	Au	Na	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153	SiO2	Au	Na	120	diethyl carbonate	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
154	SiO2	Au	Sn	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155	SiO2	Au	Sn	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156	SiO2	Au	Sn	120	diethyl carbonate	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
157	SiO2	Au	W	80	diethyl carbonate	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
158	SiO2	Au	W	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159	SiO2	Au	W	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160	SiO2	Rh	-	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161	SiO2	Rh	-	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162	SiO2	Rh	-	120	diethyl carbonate	9.1	50.0	0.0	4.1	0.0	5.4	0.0	0.0	6.8	4.5	0.0	0.4	0.0	0.5	0.0	0.0	0.6
163	SiO2	Rh	Bi	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164	SiO2	Rh	Bi	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	SiO2	Rh	Bi	120	diethyl carbonate	5.3	25.6	0.0	7.0	0.0	0.0	0.0	0.0	11.6	1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.6
166	SiO2	Rh	Cr	80	diethyl carbonate	3.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0	17.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
167	SiO2	Rh	Cr	100	diethyl carbonate	5.1	99.9	0.0	0.0	0.0	10.3	0.0	0.0	12.8	5.1	0.0	0.0	0.0	0.5	0.0	0.0	0.7

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
168	SiO2	Rh	Cr	120	diethyl carbonate	15.9	60.0	0.0	4.6	0.0	9.2	3.9	0.0	5.4	9.6	0.0	0.7	0.0	1.5	0.6	0.0	0.9
169	SiO2	Rh	Fe	80	diethyl carbonate	13.5	99.9	0.0	0.0	0.0	0.0	0.0	0.0	3.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5
170	SiO2	Rh	Fe	100	diethyl carbonate	6.4	99.9	0.0	0.0	0.0	16.3	4.1	0.0	12.2	6.4	0.0	0.0	0.0	1.0	0.3	0.0	0.8
171	SiO2	Rh	Fe	120	diethyl carbonate	19.1	51.3	0.0	3.9	0.0	15.4	13.5	0.0	7.7	9.8	0.0	0.7	0.0	2.9	2.6	0.0	1.5
172	SiO2	Rh	Na	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173	SiO2	Rh	Na	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	SiO2	Rh	Na	120	diethyl carbonate	12.2	55.0	0.0	5.0	0.0	8.0	4.0	0.0	6.0	6.7	0.0	0.6	0.0	1.0	0.5	0.0	0.7
175	SiO2	Rh	Sn	80	diethyl carbonate	0.1	99.9	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
176	SiO2	Rh	Sn	100	diethyl carbonate	3.1	99.9	0.0	0.0	0.0	12.5	0.0	0.0	25.0	3.1	0.0	0.0	0.0	0.4	0.0	0.0	0.8
177	SiO2	Rh	Sn	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178	SiO2	Rh	W	80	diethyl carbonate	5.8	99.9	0.0	0.0	0.0	28.9	0.0	0.0	11.1	5.8	0.0	0.0	0.0	1.7	0.0	0.0	0.6
179	SiO2	Rh	W	100	diethyl carbonate	3.1	99.9	0.0	0.0	0.0	99.9	29.2	0.0	29.2	3.1	0.0	0.0	0.0	3.1	0.9	0.0	0.9
180	SiO2	Rh	W	120	diethyl carbonate	32.1	39.3	1.5	1.9	0.0	38.2	11.1	0.0	5.7	12.6	0.5	0.6	0.0	12.2	3.6	0.0	1.8
181	Al2O3	-	Sn	80	diethyl carbonate	66.7	16.3	0.0	0.0	13.7	0.0	0.0	0.0	23.3	10.9	0.0	0.0	9.2	0.0	0.0	0.0	15.6
182	Al2O3	-	Sn	100	diethyl carbonate	65.7	13.1	0.0	0.0	31.8	0.8	0.0	0.0	25.5	8.6	0.0	0.0	20.9	0.5	0.0	0.0	16.8
183	Al2O3	-	Sn	120	diethyl carbonate	87.7	4.6	0.4	0.4	55.1	2.5	0.0	0.0	29.1	4.0	0.4	0.4	48.3	2.2	0.0	0.0	25.5
184	Al2O3	Pd	-	80	diethyl carbonate	100.0	0.0	77.6	0.0	0.0	0.0	0.0	9.3	10.4	0.0	77.6	0.0	0.0	0.0	0.0	9.3	10.4
185	Al2O3	Pd	-	100	diethyl carbonate	100.0	19.9	32.3	0.0	0.0	36.0	3.8	13.6	25.4	19.9	32.3	0.0	0.0	36.0	3.8	13.6	25.4
186	Al2O3	Pd	-	120	diethyl carbonate	100.0	11.4	18.1	0.7	0.8	44.0	4.2	11.8	34.7	11.4	18.1	0.7	0.8	44.0	4.2	11.8	34.7
187	Al2O3	Pd	Bi	80	diethyl carbonate	76.1	18.1	41.7	0.0	0.3	3.2	0.0	0.8	9.8	13.8	31.7	0.0	0.2	2.4	0.0	0.6	7.5
188	Al2O3	Pd	Bi	100	diethyl carbonate	59.9	31.2	0.6	0.0	16.7	6.4	0.6	0.0	25.6	18.7	0.4	0.0	10.0	3.8	0.4	0.0	15.4

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
189	Al2O3	Pd	Bi	120	diethyl carbonate	93.8	7.3	0.8	3.3	44.9	12.4	1.1	1.0	33.8	6.9	0.8	3.1	42.1	11.7	1.0	0.9	31.7
190	Al2O3	Pd	Cr	80	diethyl carbonate	100.0	0.0	66.3	0.0	0.0	0.0	0.0	11.3	11.8	0.0	66.3	0.0	0.0	0.0	0.0	11.3	11.8
191	Al2O3	Pd	Cr	100	diethyl carbonate	100.0	16.0	24.7	0.3	0.6	34.4	3.1	12.2	27.1	16.0	24.7	0.3	0.6	34.4	3.1	12.2	27.1
192	Al2O3	Pd	Cr	120	diethyl carbonate	100.0	3.8	18.5	0.7	2.6	37.4	2.7	15.7	36.4	3.8	18.5	0.7	2.6	37.4	2.7	15.7	36.4
193	Al2O3	Pd	Fe	80	diethyl carbonate	100.0	0.0	70.8	0.0	0.0	0.0	0.0	11.2	12.4	0.0	70.8	0.0	0.0	0.0	0.0	11.2	12.4
194	Al2O3	Pd	Fe	100	diethyl carbonate	100.0	20.4	23.8	0.0	0.8	34.1	2.4	12.2	26.9	20.4	23.8	0.0	0.8	34.1	2.4	12.2	26.9
195	Al2O3	Pd	Fe	120	diethyl carbonate	100.0	5.7	15.3	0.5	3.9	38.6	2.6	12.7	37.1	5.7	15.3	0.5	3.9	38.6	2.6	12.7	37.1
196	Al2O3	Pd	Na	80	diethyl carbonate	100.0	0.0	61.4	0.0	0.0	0.0	0.0	10.3	13.6	0.0	61.4	0.0	0.0	0.0	0.0	10.3	13.6
197	Al2O3	Pd	Na	100	diethyl carbonate	100.0	0.0	25.0	0.0	0.0	17.0	2.7	38.4	33.9	0.0	25.0	0.0	0.0	17.0	2.7	38.4	33.9
198	Al2O3	Pd	Na	120	diethyl carbonate	100.0	0.0	8.6	0.5	1.4	38.7	4.0	22.5	39.3	0.0	8.6	0.5	1.4	38.7	4.0	22.5	39.3
199	Al2O3	Pd	Sn	80	diethyl carbonate	100.0	0.0	71.7	0.0	0.0	0.0	0.0	10.1	13.4	0.0	71.7	0.0	0.0	0.0	0.0	10.1	13.4
200	Al2O3	Pd	Sn	100	diethyl carbonate	100.0	9.5	29.8	0.0	0.6	26.8	2.7	23.3	31.8	9.5	29.8	0.0	0.6	26.8	2.7	23.3	31.8
201	Al2O3	Pd	Sn	120	diethyl carbonate	100.0	1.3	10.0	0.5	4.0	48.8	4.0	17.1	47.5	1.3	10.0	0.5	4.0	48.8	4.0	17.1	47.5
202	Al2O3	Pd	W	80	diethyl carbonate	100.0	0.0	68.4	0.0	0.0	0.0	0.0	11.7	12.3	0.0	68.4	0.0	0.0	0.0	0.0	11.7	12.3
203	Al2O3	Pd	W	100	diethyl carbonate	100.0	13.6	22.2	0.0	0.0	35.7	4.9	14.2	29.3	13.6	22.2	0.0	0.0	35.7	4.9	14.2	29.3
204	Al2O3	Pd	W	120	diethyl carbonate	100.0	4.5	14.8	0.7	1.7	46.4	4.5	15.0	40.7	4.5	14.8	0.7	1.7	46.4	4.5	15.0	40.7
205	Al2O3	Pt	-	80	diethyl carbonate	87.0	68.8	2.5	0.0	3.3	1.9	0.0	0.0	16.0	59.8	2.2	0.0	2.9	1.7	0.0	0.0	13.9
206	Al2O3	Pt	-	100	diethyl carbonate	77.6	28.1	0.0	0.5	26.4	3.5	0.0	0.0	25.6	21.8	0.0	0.4	20.5	2.7	0.0	0.0	19.9
207	Al2O3	Pt	-	120	diethyl carbonate	98.2	3.0	0.0	2.9	65.8	7.3	1.1	0.0	35.5	3.0	0.0	2.9	64.6	7.1	1.0	0.0	34.8
208	Al2O3	Pt	Bi	80	diethyl carbonate	89.0	71.4	1.2	0.0	2.6	1.2	0.0	0.0	14.6	63.6	1.1	0.0	2.3	1.1	0.0	0.0	13.0
209	Al2O3	Pt	Bi	100	diethyl carbonate	77.7	35.8	0.0	0.0	20.6	3.5	0.0	0.0	24.7	27.8	0.0	0.0	16.0	2.7	0.0	0.0	19.2

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
210	Al2O3	Pt	Bi	120	diethyl carbonate	97.7	5.3	0.0	2.1	55.0	6.6	0.9	0.0	34.4	5.2	0.0	2.1	53.8	6.5	0.9	0.0	33.6
211	Al2O3	Pt	Cr	80	diethyl carbonate	91.2	75.9	4.8	0.0	1.7	2.4	0.0	0.0	14.2	69.2	4.3	0.0	1.6	2.2	0.0	0.0	12.9
212	Al2O3	Pt	Cr	100	diethyl carbonate	79.9	30.3	0.0	0.5	21.2	3.2	0.0	0.0	24.0	24.2	0.0	0.4	16.9	2.6	0.0	0.0	19.2
213	Al2O3	Pt	Cr	120	diethyl carbonate	98.3	3.3	0.0	3.2	70.1	8.0	1.2	0.0	37.7	3.2	0.0	3.1	68.9	7.9	1.2	0.0	37.1
214	Al2O3	Pt	Fe	80	diethyl carbonate	79.9	77.3	0.9	0.0	2.6	1.5	0.0	0.0	16.2	61.8	0.7	0.0	2.1	1.2	0.0	0.0	12.9
215	Al2O3	Pt	Fe	100	diethyl carbonate	70.2	36.1	0.0	0.0	20.4	3.8	0.4	0.0	25.2	25.4	0.0	0.0	14.3	2.7	0.3	0.0	17.7
216	Al2O3	Pt	Fe	120	diethyl carbonate	94.7	5.8	0.0	1.8	57.9	7.1	1.1	0.0	35.2	5.4	0.0	1.7	54.8	6.7	1.0	0.0	33.3
217	Al2O3	Pt	Na	80	diethyl carbonate	85.8	72.2	4.5	0.0	2.4	2.5	0.0	0.0	16.9	61.9	3.9	0.0	2.1	2.2	0.0	0.0	14.5
218	Al2O3	Pt	Na	100	diethyl carbonate	77.3	25.2	0.0	0.5	22.2	3.0	0.0	0.0	26.5	19.5	0.0	0.4	17.2	2.3	0.0	0.0	20.5
219	Al2O3	Pt	Na	120	diethyl carbonate	97.3	3.6	0.0	3.9	76.0	8.3	1.2	0.0	42.3	3.5	0.0	3.8	74.0	8.0	1.2	0.0	41.2
220	Al2O3	Pt	Sn	80	diethyl carbonate	80.7	70.9	1.6	0.0	3.7	1.6	0.0	0.0	15.6	57.2	1.3	0.0	3.0	1.3	0.0	0.0	12.6
221	Al2O3	Pt	Sn	100	diethyl carbonate	73.2	31.3	0.0	0.0	26.2	3.5	0.5	0.0	25.0	22.9	0.0	0.0	19.2	2.6	0.4	0.0	18.3
222	Al2O3	Pt	Sn	120	diethyl carbonate	97.5	3.2	0.0	2.4	62.3	6.9	1.2	0.0	33.5	3.1	0.0	2.3	60.8	6.7	1.2	0.0	32.6
223	Al2O3	Pt	W	80	diethyl carbonate	84.6	70.6	3.4	0.0	2.3	2.0	0.0	0.0	14.4	59.7	2.9	0.0	1.9	1.7	0.0	0.0	12.2
224	Al2O3	Pt	W	100	diethyl carbonate	75.0	29.7	0.0	0.3	22.5	3.2	0.0	0.0	23.7	22.3	0.0	0.3	16.9	2.4	0.0	0.0	17.8
225	Al2O3	Pt	W	120	diethyl carbonate	96.8	4.3	0.0	3.0	66.8	7.5	1.1	0.0	35.7	4.2	0.0	2.9	64.6	7.3	1.0	0.0	34.6
226	Al2O3	-	-	80	diethyl carbonate	61.8	13.9	0.0	0.0	4.8	0.0	1.1	0.0	1.1	8.6	0.0	0.0	3.0	0.0	0.7	0.0	0.7
227	Al2O3	-	-	100	diethyl carbonate	50.5	15.6	0.0	0.0	21.4	0.0	2.6	0.0	8.6	7.9	0.0	0.0	10.8	0.0	1.3	0.0	4.3
228	Al2O3	-	-	120	diethyl carbonate	65.9	6.7	0.0	0.0	31.6	1.3	3.7	0.0	26.7	4.4	0.0	0.0	20.8	0.9	2.5	0.0	17.6
229	Al2O3	Cu	-	80	diethyl carbonate	35.7	19.7	0.0	0.0	3.4	0.0	1.9	0.0	1.1	7.0	0.0	0.0	1.2	0.0	0.7	0.0	0.4
230	Al2O3	Cu	-	100	diethyl carbonate	43.5	13.7	0.0	0.0	13.7	0.0	2.7	0.0	5.9	6.0	0.0	0.0	6.0	0.0	1.2	0.0	2.6

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
231	Al2O3	Cu	-	120	diethyl carbonate	57.2	7.6	0.0	0.0	28.7	0.9	4.0	0.0	22.2	4.3	0.0	0.0	16.4	0.5	2.3	0.0	12.7
232	Al2O3	Cu	Bi	80	diethyl carbonate	59.9	17.5	0.0	0.0	1.5	0.0	1.0	0.0	0.0	10.5	0.0	0.0	0.9	0.0	0.6	0.0	0.0
233	Al2O3	Cu	Bi	100	diethyl carbonate	55.8	17.2	0.0	0.0	8.2	2.1	2.1	0.0	3.1	9.6	0.0	0.0	4.6	1.2	1.2	0.0	1.7
234	Al2O3	Cu	Bi	120	diethyl carbonate	53.1	14.1	0.0	0.0	30.2	2.0	4.0	0.0	16.4	7.5	0.0	0.0	16.0	1.1	2.1	0.0	8.7
235	Al2O3	Cu	Cr	80	diethyl carbonate	66.8	15.7	0.0	0.0	2.9	0.0	1.1	0.0	0.6	10.5	0.0	0.0	1.9	0.0	0.8	0.0	0.4
236	Al2O3	Cu	Cr	100	diethyl carbonate	68.9	12.7	0.0	0.0	11.1	0.0	1.7	0.0	3.6	8.7	0.0	0.0	7.7	0.0	1.2	0.0	2.5
237	Al2O3	Cu	Cr	120	diethyl carbonate	72.5	8.3	0.0	0.0	31.4	1.0	3.2	0.0	18.4	6.0	0.0	0.0	22.7	0.7	2.3	0.0	13.3
238	Al2O3	Cu	Fe	80	diethyl carbonate	61.2	17.1	0.0	0.0	3.1	0.0	1.3	0.0	0.6	10.5	0.0	0.0	1.9	0.0	0.8	0.0	0.4
239	Al2O3	Cu	Fe	100	diethyl carbonate	59.4	16.0	0.0	0.0	14.6	0.0	1.8	0.0	4.3	9.5	0.0	0.0	8.7	0.0	1.1	0.0	2.6
240	Al2O3	Cu	Fe	120	diethyl carbonate	63.4	10.0	0.0	0.0	37.3	1.4	3.8	0.0	23.6	6.3	0.0	0.0	23.6	0.9	2.4	0.0	15.0
241	Al2O3	Cu	Na	80	diethyl carbonate	61.2	17.5	0.0	0.0	3.0	0.0	1.3	0.0	0.0	10.7	0.0	0.0	1.8	0.0	0.8	0.0	0.0
242	Al2O3	Cu	Na	100	diethyl carbonate	57.5	17.7	0.0	0.0	14.1	0.0	1.9	0.0	3.8	10.2	0.0	0.0	8.1	0.0	1.1	0.0	2.2
243	Al2O3	Cu	Na	120	diethyl carbonate	68.9	8.3	0.0	0.0	27.6	0.9	3.3	0.0	16.2	5.7	0.0	0.0	19.0	0.6	2.3	0.0	11.2
244	Al2O3	Cu	Sn	80	diethyl carbonate	54.7	16.9	0.0	0.0	3.6	0.0	1.7	0.0	1.1	9.3	0.0	0.0	2.0	0.0	0.9	0.0	0.6
245	Al2O3	Cu	Sn	100	diethyl carbonate	53.4	14.6	0.0	0.0	13.5	0.0	2.8	0.0	6.1	7.8	0.0	0.0	7.2	0.0	1.5	0.0	3.3
246	Al2O3	Cu	Sn	120	diethyl carbonate	58.9	9.3	0.0	0.0	31.7	1.2	4.9	0.0	26.7	5.5	0.0	0.0	18.7	0.7	2.9	0.0	15.7
247	Al2O3	Cu	W	80	diethyl carbonate	60.7	15.1	0.0	0.0	2.4	0.0	1.3	0.0	0.0	9.2	0.0	0.0	1.5	0.0	0.8	0.0	0.0
248	Al2O3	Cu	W	100	diethyl carbonate	53.0	17.5	0.0	0.0	14.0	0.0	2.2	0.0	4.7	9.3	0.0	0.0	7.4	0.0	1.2	0.0	2.5
249	Al2O3	Cu	W	120	diethyl carbonate	56.7	12.0	0.0	0.0	36.4	1.2	4.5	0.0	22.7	6.8	0.0	0.0	20.6	0.7	2.6	0.0	12.9
250	Al2O3	Ni	-	80	diethyl carbonate	53.8	17.9	0.0	0.0	4.8	0.0	1.9	0.0	1.1	9.6	0.0	0.0	2.6	0.0	1.0	0.0	0.6
251	Al2O3	Ni	-	100	diethyl carbonate	47.4	18.4	0.0	0.0	18.8	0.0	3.4	0.0	6.9	8.7	0.0	0.0	8.9	0.0	1.6	0.0	3.3

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
252	Al2O3	Ni	-	120	diethyl carbonate	53.6	12.5	0.0	0.0	39.0	1.3	5.3	0.0	24.0	6.7	0.0	0.0	20.9	0.7	2.8	0.0	12.9
253	Al2O3	Ni	Bi	80	diethyl carbonate	46.1	21.2	0.0	0.0	3.7	0.0	1.8	0.0	0.0	9.8	0.0	0.0	1.7	0.0	0.8	0.0	0.0
254	Al2O3	Ni	Bi	100	diethyl carbonate	51.7	14.8	0.0	0.0	9.3	0.0	2.4	0.0	3.0	7.7	0.0	0.0	4.8	0.0	1.2	0.0	1.6
255	Al2O3	Ni	Bi	120	diethyl carbonate	45.5	16.7	0.0	0.0	33.1	0.0	5.6	0.0	16.7	7.6	0.0	0.0	15.1	0.0	2.6	0.0	7.6
256	Al2O3	Ni	Cr	80	diethyl carbonate	36.9	16.6	0.0	0.0	1.7	0.0	2.5	0.0	0.0	6.1	0.0	0.0	0.6	0.0	0.9	0.0	0.0
257	Al2O3	Ni	Cr	100	diethyl carbonate	24.2	29.4	0.0	0.0	13.4	0.0	5.1	0.0	4.2	7.1	0.0	0.0	3.3	0.0	1.2	0.0	1.0
258	Al2O3	Ni	Cr	120	diethyl carbonate	42.2	13.6	0.0	0.0	23.0	0.0	5.0	0.0	11.3	5.7	0.0	0.0	9.7	0.0	2.1	0.0	4.8
259	Al2O3	Ni	Fe	80	diethyl carbonate	44.1	14.0	0.0	0.0	3.6	0.0	2.1	0.0	1.2	6.2	0.0	0.0	1.6	0.0	0.9	0.0	0.5
260	Al2O3	Ni	Fe	100	diethyl carbonate	25.7	26.2	0.0	0.0	22.0	0.0	5.1	0.0	9.6	6.7	0.0	0.0	5.7	0.0	1.3	0.0	2.5
261	Al2O3	Ni	Fe	120	diethyl carbonate	34.5	15.6	0.0	0.0	39.4	1.5	6.7	0.0	28.6	5.4	0.0	0.0	13.6	0.5	2.3	0.0	9.9
262	Al2O3	Ni	Na	80	diethyl carbonate	47.5	18.2	0.0	0.0	4.5	0.0	2.3	0.0	1.3	8.6	0.0	0.0	2.1	0.0	1.1	0.0	0.6
263	Al2O3	Ni	Na	100	diethyl carbonate	51.5	12.0	0.0	0.0	11.3	0.0	2.7	0.0	5.0	6.2	0.0	0.0	5.8	0.0	1.4	0.0	2.6
264	Al2O3	Ni	Na	120	diethyl carbonate	55.6	8.4	0.0	0.0	26.8	1.1	6.2	0.0	24.7	4.7	0.0	0.0	14.9	0.6	3.4	0.0	13.7
265	Al2O3	Ni	Sn	80	diethyl carbonate	59.6	15.0	0.0	0.0	5.4	0.0	1.5	0.0	1.2	8.9	0.0	0.0	3.2	0.0	0.9	0.0	0.7
266	Al2O3	Ni	Sn	100	diethyl carbonate	63.8	9.5	0.0	0.0	12.7	0.0	2.3	0.0	5.1	6.0	0.0	0.0	8.1	0.0	1.5	0.0	3.3
267	Al2O3	Ni	Sn	120	diethyl carbonate	60.3	9.4	0.0	0.0	42.0	1.5	4.2	0.0	21.9	5.6	0.0	0.0	25.3	0.9	2.6	0.0	13.2
268	Al2O3	Ni	W	80	diethyl carbonate	47.3	17.3	0.0	0.0	5.2	0.0	1.9	0.0	1.3	8.2	0.0	0.0	2.5	0.0	0.9	0.0	0.6
269	Al2O3	Ni	W	100	diethyl carbonate	53.7	10.1	0.0	0.0	11.1	0.0	2.7	0.0	5.3	5.4	0.0	0.0	6.0	0.0	1.5	0.0	2.9
270	Al2O3	Ni	W	120	diethyl carbonate	56.9	7.9	0.0	0.0	26.5	1.1	3.4	0.0	15.9	4.5	0.0	0.0	15.1	0.6	1.9	0.0	9.1
271	SiO2	-	Sn	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272	SiO2	-	Sn	100	diethyl carbonate	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
273	SiO2	-	Sn	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
274	SiO2	Pd	-	80	diethyl carbonate	78.8	79.1	12.0	0.0	0.6	2.9	0.0	0.0	1.3	62.3	9.4	0.0	0.5	2.3	0.0	0.0	1.0
275	SiO2	Pd	-	100	diethyl carbonate	88.7	65.8	20.1	0.0	0.9	4.2	0.9	0.0	1.6	58.4	17.8	0.0	0.8	3.7	0.8	0.0	1.4
276	SiO2	Pd	-	120	diethyl carbonate	77.4	56.3	14.5	0.0	0.6	3.8	1.2	0.0	1.8	43.6	11.2	0.0	0.5	3.0	0.9	0.0	1.4
277	SiO2	Pd	Bi	80	diethyl carbonate	20.5	72.4	0.0	0.0	0.0	4.3	1.2	0.0	4.9	14.8	0.0	0.0	0.0	0.9	0.3	0.0	1.0
278	SiO2	Pd	Bi	100	diethyl carbonate	16.1	68.8	0.0	0.0	0.0	7.2	4.8	0.0	8.0	11.1	0.0	0.0	0.0	1.2	0.8	0.0	1.3
279	SiO2	Pd	Bi	120	diethyl carbonate	26.3	33.9	0.0	0.0	0.0	5.7	6.5	0.0	5.7	8.9	0.0	0.0	0.0	1.5	1.7	0.0	1.5
280	SiO2	Pd	Cr	80	diethyl carbonate	76.3	77.3	9.9	0.0	0.7	2.8	0.0	0.0	1.2	58.9	7.5	0.0	0.5	2.1	0.0	0.0	0.9
281	SiO2	Pd	Cr	100	diethyl carbonate	79.4	77.1	18.2	0.0	0.7	4.1	0.8	0.0	1.8	61.2	14.4	0.0	0.5	3.2	0.6	0.0	1.4
282	SiO2	Pd	Cr	120	diethyl carbonate	70.8	60.5	14.5	0.0	0.5	4.0	1.0	0.0	1.8	42.8	10.3	0.0	0.3	2.9	0.7	0.0	1.3
283	SiO2	Pd	Fe	80	diethyl carbonate	51.9	92.5	17.2	0.0	0.7	2.2	0.0	0.0	1.7	48.0	8.9	0.0	0.4	1.1	0.0	0.0	0.9
284	SiO2	Pd	Fe	100	diethyl carbonate	73.8	70.2	18.2	0.0	0.5	3.3	0.7	0.0	1.8	51.8	13.4	0.0	0.4	2.5	0.5	0.0	1.3
285	SiO2	Pd	Fe	120	diethyl carbonate	59.7	53.4	10.9	0.0	0.0	2.7	0.8	0.0	1.9	31.9	6.5	0.0	0.0	1.6	0.5	0.0	1.1
286	SiO2	Pd	Na	80	diethyl carbonate	60.6	87.6	10.6	0.0	0.6	2.3	0.0	0.0	1.7	53.0	6.4	0.0	0.4	1.4	0.0	0.0	1.0
287	SiO2	Pd	Na	100	diethyl carbonate	61.9	88.5	17.7	0.0	0.8	2.9	0.8	0.0	2.1	54.8	11.0	0.0	0.5	1.8	0.5	0.0	1.3
288	SiO2	Pd	Na	120	diethyl carbonate	36.6	58.9	8.1	0.0	0.0	2.2	1.6	0.0	3.7	21.6	3.0	0.0	0.0	0.8	0.6	0.0	1.4
289	SiO2	Pd	Sn	80	diethyl carbonate	80.9	60.9	9.8	0.0	2.2	13.0	7.3	0.0	4.5	49.3	7.9	0.0	1.8	10.6	5.9	0.0	3.6
290	SiO2	Pd	Sn	100	diethyl carbonate	96.4	26.9	20.1	0.0	0.4	14.0	16.0	0.0	9.8	25.9	19.3	0.0	0.4	13.5	15.5	0.0	9.4
291	SiO2	Pd	Sn	120	diethyl carbonate	99.5	6.2	21.4	0.0	0.0	6.5	19.0	0.0	13.2	6.2	21.4	0.0	0.0	6.5	19.0	0.0	13.1
292	SiO2	Pd	W	80	diethyl carbonate	91.0	68.1	13.5	0.0	0.8	4.3	0.6	0.0	1.4	61.9	12.3	0.0	0.8	3.9	0.5	0.0	1.3
293	SiO2	Pd	W	100	diethyl carbonate	94.1	58.0	22.2	0.0	0.6	5.2	1.2	0.0	1.9	54.5	20.9	0.0	0.5	4.9	1.2	0.0	1.8

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
294	SiO2	Pd	W	120	diethyl carbonate	86.0	52.3	16.3	0.0	0.7	4.9	1.6	0.0	2.0	45.0	14.0	0.0	0.6	4.2	1.4	0.0	1.7
295	SiO2	Pt	-	80	diethyl carbonate	6.2	75.5	0.0	0.0	0.0	0.0	0.0	0.0	10.2	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6
296	SiO2	Pt	-	100	diethyl carbonate	5.7	99.9	0.0	0.0	0.0	6.8	0.0	0.0	11.4	5.7	0.0	0.0	0.0	0.4	0.0	0.0	0.6
297	SiO2	Pt	-	120	diethyl carbonate	17.4	57.9	0.0	0.0	0.0	5.9	0.0	0.0	4.0	10.1	0.0	0.0	0.0	1.0	0.0	0.0	0.7
298	SiO2	Pt	Bi	80	diethyl carbonate	0.1	99.9	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
299	SiO2	Pt	Bi	100	diethyl carbonate	8.5	99.9	0.0	0.0	0.0	0.0	0.0	0.0	7.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.6
300	SiO2	Pt	Bi	120	diethyl carbonate	26.9	54.7	0.0	0.0	0.0	3.4	0.0	0.0	2.5	14.7	0.0	0.0	0.0	0.9	0.0	0.0	0.7
301	SiO2	Pt	Cr	80	diethyl carbonate	55.4	99.9	0.0	0.0	0.0	0.5	0.0	0.0	1.1	55.4	0.0	0.0	0.0	0.3	0.0	0.0	0.6
302	SiO2	Pt	Cr	100	diethyl carbonate	39.6	99.9	0.0	0.0	0.0	3.3	0.0	0.0	2.0	39.5	0.0	0.0	0.0	1.3	0.0	0.0	0.8
303	SiO2	Pt	Cr	120	diethyl carbonate	59.6	96.6	0.0	0.0	1.2	5.0	1.0	0.0	1.5	57.5	0.0	0.0	0.7	3.0	0.6	0.0	0.9
304	SiO2	Pt	Fe	80	diethyl carbonate	20.7	99.9	0.0	0.0	0.0	0.0	0.0	0.0	3.0	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6
305	SiO2	Pt	Fe	100	diethyl carbonate	13.5	99.9	0.0	0.0	0.0	6.7	0.0	0.0	5.7	13.5	0.0	0.0	0.0	0.9	0.0	0.0	0.8
306	SiO2	Pt	Fe	120	diethyl carbonate	28.4	63.1	0.0	0.0	1.6	8.8	2.8	0.0	3.6	17.9	0.0	0.0	0.5	2.5	0.8	0.0	1.0
307	SiO2	Pt	Na	80	diethyl carbonate	8.2	58.5	0.0	0.0	0.0	0.0	0.0	0.0	7.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6
308	SiO2	Pt	Na	100	diethyl carbonate	5.5	99.9	0.0	0.0	0.0	7.0	0.0	0.0	14.0	5.5	0.0	0.0	0.0	0.4	0.0	0.0	0.8
309	SiO2	Pt	Na	120	diethyl carbonate	21.0	44.0	0.0	0.0	0.0	4.9	0.0	0.0	3.3	9.3	0.0	0.0	0.0	1.0	0.0	0.0	0.7
310	SiO2	Pt	Sn	80	diethyl carbonate	47.9	99.9	0.0	0.0	0.0	1.8	0.8	0.0	1.6	47.8	0.0	0.0	0.0	0.9	0.4	0.0	0.8
311	SiO2	Pt	Sn	100	diethyl carbonate	52.1	99.9	0.0	0.0	1.2	6.9	4.7	0.0	3.0	52.0	0.0	0.0	0.6	3.6	2.5	0.0	1.6
312	SiO2	Pt	Sn	120	diethyl carbonate	70.3	82.6	0.0	0.0	1.6	10.2	8.8	0.0	3.6	58.1	0.0	0.0	1.1	7.2	6.2	0.0	2.5
313	SiO2	Pt	W	80	diethyl carbonate	5.9	99.9	0.0	0.0	0.0	0.0	0.0	0.0	10.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6
314	SiO2	Pt	W	100	diethyl carbonate	5.0	99.9	0.0	0.0	0.0	15.4	0.0	0.0	12.8	5.0	0.0	0.0	0.0	0.8	0.0	0.0	0.6

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
315	SiO2	Pt	W	120	diethyl carbonate	23.4	62.4	0.0	0.0	0.0	7.8	1.5	0.0	2.9	14.6	0.0	0.0	0.0	1.8	0.3	0.0	0.7
316	SiO2	-	-	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317	SiO2	-	-	100	diethyl carbonate	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
318	SiO2	-	-	120	diethyl carbonate	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
319	SiO2	Cu	-	80	diethyl carbonate	42.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320	SiO2	Cu	-	100	diethyl carbonate	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
321	SiO2	Cu	-	120	diethyl carbonate	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322	SiO2	Cu	Bi	80	diethyl carbonate	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323	SiO2	Cu	Bi	100	diethyl carbonate	41.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
324	SiO2	Cu	Bi	120	diethyl carbonate	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	SiO2	Cu	Cr	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326	SiO2	Cu	Cr	100	diethyl carbonate	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327	SiO2	Cu	Cr	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328	SiO2	Cu	Fe	80	diethyl carbonate	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
329	SiO2	Cu	Fe	100	diethyl carbonate	49.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330	SiO2	Cu	Fe	120	diethyl carbonate	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331	SiO2	Cu	Na	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332	SiO2	Cu	Na	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
333	SiO2	Cu	Na	120	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334	SiO2	Cu	Sn	80	diethyl carbonate	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335	SiO2	Cu	Sn	100	diethyl carbonate	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
336	SiO2	Cu	Sn	120	diethyl carbonate	39.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337	SiO2	Cu	W	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338	SiO2	Cu	W	100	diethyl carbonate	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339	SiO2	Cu	W	120	diethyl carbonate	40.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340	SiO2	Ni	-	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
341	SiO2	Ni	-	100	diethyl carbonate	64.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342	SiO2	Ni	-	120	diethyl carbonate	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343	SiO2	Ni	Bi	80	diethyl carbonate	46.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
344	SiO2	Ni	Bi	100	diethyl carbonate	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
345	SiO2	Ni	Bi	120	diethyl carbonate	52.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346	SiO2	Ni	Cr	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347	SiO2	Ni	Cr	100	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
348	SiO2	Ni	Cr	120	diethyl carbonate	37.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349	SiO2	Ni	Fe	80	diethyl carbonate	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350	SiO2	Ni	Fe	100	diethyl carbonate	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
351	SiO2	Ni	Fe	120	diethyl carbonate	55.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352	SiO2	Ni	Na	80	diethyl carbonate	47.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353	SiO2	Ni	Na	100	diethyl carbonate	27.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
354	SiO2	Ni	Na	120	diethyl carbonate	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355	SiO2	Ni	Sn	80	diethyl carbonate	14.8	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356	SiO2	Ni	Sn	100	diethyl carbonate	5.0	41.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
357	SiO2	Ni	Sn	120	diethyl carbonate	15.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358	SiO2	Ni	W	80	diethyl carbonate	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359	SiO2	Ni	W	100	diethyl carbonate	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360	SiO2	Ni	W	120	diethyl carbonate	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361	Al2O3	-	Fe	80	1,4-dioxane	26.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1
362	Al2O3	-	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363	Al2O3	-	Fe	120	1,4-dioxane	6.6	15.6	0.0	0.0	0.0	0.0	3.1	0.0	1.6	1.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1
364	Al2O3	Ir	-	80	1,4-dioxane	95.7	99.9	0.2	0.0	0.0	0.1	0.2	0.0	0.2	95.6	0.2	0.0	0.0	0.1	0.2	0.0	0.2
365	Al2O3	Ir	-	100	1,4-dioxane	45.8	99.9	0.0	0.0	0.0	0.0	0.5	0.0	0.5	45.8	0.0	0.0	0.0	0.0	0.2	0.0	0.2
366	Al2O3	Ir	-	120	1,4-dioxane	8.2	99.9	0.0	0.0	0.0	0.0	2.5	0.0	5.1	8.2	0.0	0.0	0.0	0.0	0.2	0.0	0.4
367	Al2O3	Ir	Bi	80	1,4-dioxane	93.8	99.9	0.0	0.0	0.0	0.0	0.2	0.0	0.2	93.7	0.0	0.0	0.0	0.0	0.2	0.0	0.2
368	Al2O3	Ir	Bi	100	1,4-dioxane	44.4	99.9	0.0	0.0	0.0	0.0	0.5	0.0	0.7	44.3	0.0	0.0	0.0	0.0	0.2	0.0	0.3
369	Al2O3	Ir	Bi	120	1,4-dioxane	22.4	99.9	0.0	0.0	0.0	0.0	0.9	0.0	1.9	22.4	0.0	0.0	0.0	0.0	0.2	0.0	0.4
370	Al2O3	Ir	Cr	80	1,4-dioxane	99.5	99.9	0.2	0.0	0.0	0.2	0.2	0.0	0.3	99.4	0.2	0.0	0.0	0.2	0.2	0.0	0.3
371	Al2O3	Ir	Cr	100	1,4-dioxane	57.7	99.9	0.0	0.0	0.0	0.0	0.4	0.0	0.5	57.6	0.0	0.0	0.0	0.0	0.2	0.0	0.3
372	Al2O3	Ir	Cr	120	1,4-dioxane	25.3	99.9	0.0	0.0	0.0	0.4	0.8	0.0	1.2	25.3	0.0	0.0	0.0	0.1	0.2	0.0	0.3
373	Al2O3	Ir	Fe	80	1,4-dioxane	92.3	99.9	0.0	0.0	0.0	0.1	0.2	0.0	0.2	92.2	0.0	0.0	0.0	0.1	0.2	0.0	0.2
374	Al2O3	Ir	Fe	100	1,4-dioxane	39.4	99.9	0.0	0.0	0.0	0.0	0.5	0.0	0.5	39.4	0.0	0.0	0.0	0.0	0.2	0.0	0.2
375	Al2O3	Ir	Fe	120	1,4-dioxane	14.3	99.9	0.0	0.0	0.0	0.0	1.5	0.0	2.2	14.3	0.0	0.0	0.0	0.0	0.2	0.0	0.3
376	Al2O3	Ir	Na	80	1,4-dioxane	91.4	99.9	0.0	0.0	0.0	0.0	0.2	0.0	0.2	91.3	0.0	0.0	0.0	0.0	0.2	0.0	0.2
377	Al2O3	Ir	Na	100	1,4-dioxane	40.1	99.9	0.0	0.0	0.0	0.0	0.5	0.0	0.5	40.1	0.0	0.0	0.0	0.0	0.2	0.0	0.2
378	Al2O3	Ir	Na	120	1,4-dioxane	12.1	99.9	0.0	0.0	0.0	0.0	1.7	0.0	2.6	12.1	0.0	0.0	0.0	0.0	0.2	0.0	0.3
379	Al2O3	Ir	Sn	80	1,4-dioxane	94.7	99.9	0.0	0.0	0.0	0.1	0.2	0.0	0.3	94.6	0.0	0.0	0.0	0.1	0.2	0.0	0.3
380	Al2O3	Ir	Sn	100	1,4-dioxane	39.3	99.9	0.0	0.0	0.0	0.0	0.5	0.0	0.8	39.3	0.0	0.0	0.0	0.0	0.2	0.0	0.3
381	Al2O3	Ir	Sn	120	1,4-dioxane	16.2	99.9	0.0	0.0	0.0	0.6	1.3	0.0	2.6	16.2	0.0	0.0	0.0	0.1	0.2	0.0	0.4
382	Al2O3	Ir	W	80	1,4-dioxane	98.2	99.9	0.2	0.0	0.0	0.2	0.2	0.0	0.2	98.1	0.2	0.0	0.0	0.2	0.2	0.0	0.2
383	Al2O3	Ir	W	100	1,4-dioxane	59.5	99.9	0.0	0.0	0.0	0.0	0.4	0.0	0.4	59.4	0.0	0.0	0.0	0.0	0.2	0.0	0.2
384	Al2O3	Ir	W	120	1,4-dioxane	5.8	99.9	0.0	0.0	0.0	3.6	3.6	0.0	7.1	5.8	0.0	0.0	0.0	0.2	0.2	0.0	0.4
385	Al2O3	Ru	-	80	1,4-dioxane	20.3	47.5	0.9	0.0	0.0	0.0	0.4	0.0	0.4	9.6	0.2	0.0	0.0	0.0	0.1	0.0	0.1
386	Al2O3	Ru	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
387	Al2O3	Ru	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388	Al2O3	Ru	Bi	80	1,4-dioxane	21.5	16.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
389	Al2O3	Ru	Bi	100	1,4-dioxane	5.2	18.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0
390	Al2O3	Ru	Bi	120	1,4-dioxane	2.5	37.5	0.0	0.0	0.0	0.0	8.3	0.0	4.2	0.9	0.0	0.0	0.0	0.0	0.2	0.0	0.1
391	Al2O3	Ru	Cr	80	1,4-dioxane	28.9	13.1	0.0	0.0	0.0	0.0	0.6	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
392	Al2O3	Ru	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
393	Al2O3	Ru	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394	Al2O3	Ru	Fe	80	1,4-dioxane	21.5	25.6	0.0	0.0	0.0	0.0	0.8	0.0	0.4	5.5	0.0	0.0	0.0	0.0	0.2	0.0	0.1

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
395	Al2O3	Ru	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
396	Al2O3	Ru	Fe	120	1,4-dioxane	8.4	51.9	0.0	1.2	0.0	0.0	2.5	0.0	0.0	4.4	0.0	0.1	0.0	0.0	0.2	0.0	0.0
397	Al2O3	Ru	Na	80	1,4-dioxane	18.5	40.0	0.9	0.0	0.0	0.0	0.9	0.0	0.5	7.4	0.2	0.0	0.0	0.0	0.2	0.0	0.1
398	Al2O3	Ru	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
399	Al2O3	Ru	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400	Al2O3	Ru	Sn	80	1,4-dioxane	20.1	42.1	0.0	0.0	0.0	0.0	0.9	0.0	0.4	8.4	0.0	0.0	0.0	0.0	0.2	0.0	0.1
401	Al2O3	Ru	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402	Al2O3	Ru	Sn	120	1,4-dioxane	2.6	99.9	0.0	0.0	0.0	0.0	8.0	0.0	8.0	2.6	0.0	0.0	0.0	0.0	0.2	0.0	0.2
403	Al2O3	Ru	W	80	1,4-dioxane	20.5	26.1	0.0	0.0	0.0	0.0	0.8	0.0	0.4	5.3	0.0	0.0	0.0	0.0	0.2	0.0	0.1
404	Al2O3	Ru	W	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405	Al2O3	Ru	W	120	1,4-dioxane	4.8	73.9	0.0	4.4	0.0	0.0	4.4	0.0	2.2	3.5	0.0	0.2	0.0	0.0	0.2	0.0	0.1
406	SiO2	-	Fe	80	1,4-dioxane	1.4	21.4	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0
407	SiO2	-	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
408	SiO2	-	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
409	SiO2	Ir	-	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410	SiO2	Ir	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411	SiO2	Ir	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412	SiO2	Ir	Bi	80	1,4-dioxane	0.8	99.9	0.0	0.0	0.0	0.0	37.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.3	0.0	0.0
413	SiO2	Ir	Bi	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
414	SiO2	Ir	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
415	SiO2	Ir	Cr	80	1,4-dioxane	19.3	8.5	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0
416	SiO2	Ir	Cr	100	1,4-dioxane	21.0	11.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
417	SiO2	Ir	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418	SiO2	Ir	Fe	80	1,4-dioxane	3.6	80.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0
419	SiO2	Ir	Fe	100	1,4-dioxane	9.2	30.1	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
420	SiO2	Ir	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421	SiO2	Ir	Na	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
422	SiO2	Ir	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
423	SiO2	Ir	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424	SiO2	Ir	Sn	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425	SiO2	Ir	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426	SiO2	Ir	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427	SiO2	Ir	W	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428	SiO2	Ir	W	100	1,4-dioxane	3.8	74.4	0.0	0.0	0.0	0.0	5.1	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0
429	SiO2	Ir	W	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430	SiO2	Ru	-	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
431	SiO2	Ru	-	100	1,4-dioxane	4.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
432	SiO2	Ru	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
433	SiO2	Ru	Bi	80	1,4-dioxane	1.5	13.3	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
434	SiO2	Ru	Bi	100	1,4-dioxane	4.2	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
435	SiO2	Ru	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436	SiO2	Ru	Cr	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
437	SiO2	Ru	Cr	100	1,4-dioxane	0.6	33.3	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
438	SiO2	Ru	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
439	SiO2	Ru	Fe	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
440	SiO2	Ru	Fe	100	1,4-dioxane	1.9	26.3	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0
441	SiO2	Ru	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442	SiO2	Ru	Na	80	1,4-dioxane	1.1	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
443	SiO2	Ru	Na	100	1,4-dioxane	4.9	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
444	SiO2	Ru	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445	SiO2	Ru	Sn	80	1,4-dioxane	2.5	37.5	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0
446	SiO2	Ru	Sn	100	1,4-dioxane	12.2	11.3	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
447	SiO2	Ru	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448	SiO2	Ru	W	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
449	SiO2	Ru	W	100	1,4-dioxane	13.6	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
450	SiO2	Ru	W	120	1,4-dioxane	3.7	6.1	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
451	Al2O3	-	Bi	80	1,4-dioxane	1.5	99.9	0.0	0.0	0.0	0.0	13.3	0.0	13.3	1.5	0.0	0.0	0.0	0.0	0.2	0.0	0.2
452	Al2O3	-	Bi	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
453	Al2O3	-	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
454	Al2O3	Au	-	80	1,4-dioxane	3.7	84.2	0.0	0.0	0.0	0.0	2.6	0.0	2.6	3.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
455	Al2O3	Au	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
456	Al2O3	Au	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
457	Al2O3	Au	Bi	80	1,4-dioxane	8.7	42.2	0.0	0.0	0.0	0.0	2.2	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0
458	Al2O3	Au	Bi	100	1,4-dioxane	1.1	54.6	0.0	0.0	0.0	0.0	18.2	0.0	9.1	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.1
459	Al2O3	Au	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
460	Al2O3	Au	Cr	80	1,4-dioxane	2.1	99.9	0.0	0.0	0.0	0.0	9.1	0.0	9.1	2.1	0.0	0.0	0.0	0.0	0.2	0.0	0.2
461	Al2O3	Au	Cr	100	1,4-dioxane	9.5	14.7	0.0	0.0	0.0	0.0	2.1	0.0	1.1	1.4	0.0	0.0	0.0	0.0	0.2	0.0	0.1
462	Al2O3	Au	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463	Al2O3	Au	Fe	80	1,4-dioxane	9.0	32.3	0.0	0.0	0.0	0.0	1.1	0.0	1.1	2.9	0.0	0.0	0.0	0.0	0.1	0.0	0.1
464	Al2O3	Au	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465	Al2O3	Au	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
466	Al2O3	Au	Na	80	1,4-dioxane	6.4	36.4	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0
467	Al2O3	Au	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468	Al2O3	Au	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
469	Al2O3	Au	Sn	80	1,4-dioxane	1.9	99.9	0.0	0.0	0.0	0.0	5.0	0.0	10.0	1.9	0.0	0.0	0.0	0.0	0.1	0.0	0.2
470	Al2O3	Au	Sn	100	1,4-dioxane	3.8	36.8	0.0	0.0	0.0	0.0	5.3	0.0	2.6	1.4	0.0	0.0	0.0	0.0	0.2	0.0	0.1
471	Al2O3	Au	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472	Al2O3	Au	W	80	1,4-dioxane	6.8	47.1	0.0	0.0	0.0	0.0	1.4	0.0	1.4	3.2	0.0	0.0	0.0	0.0	0.1	0.0	0.1
473	Al2O3	Au	W	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
474	Al2O3	Au	W	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475	Al2O3	Rh	-	80	1,4-dioxane	25.9	99.9	9.3	0.8	0.0	0.8	0.8	0.0	0.4	25.8	2.4	0.2	0.0	0.2	0.2	0.0	0.1
476	Al2O3	Rh	-	100	1,4-dioxane	15.7	38.6	0.0	0.6	0.0	0.0	1.3	0.0	0.6	6.1	0.0	0.1	0.0	0.0	0.2	0.0	0.1
477	Al2O3	Rh	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478	Al2O3	Rh	Bi	80	1,4-dioxane	18.3	99.9	7.4	1.1	0.0	0.0	1.1	0.0	0.5	18.3	1.4	0.2	0.0	0.0	0.2	0.0	0.1

Primary ID	Support	MainMetal _a	Promotor _b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
479	Al2O3	Rh	Bi	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
480	Al2O3	Rh	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481	Al2O3	Rh	Cr	80	1,4-dioxane	29.7	99.9	4.9	1.0	0.0	0.7	0.7	0.0	0.7	29.7	1.5	0.3	0.0	0.2	0.2	0.0	0.2
482	Al2O3	Rh	Cr	100	1,4-dioxane	1.4	99.9	0.0	7.1	0.0	0.0	14.3	0.0	7.1	1.4	0.0	0.1	0.0	0.0	0.2	0.0	0.1
483	Al2O3	Rh	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484	Al2O3	Rh	Fe	80	1,4-dioxane	47.8	99.9	6.1	0.4	0.0	0.4	0.4	0.0	0.4	47.7	2.9	0.2	0.0	0.2	0.2	0.0	0.2
485	Al2O3	Rh	Fe	100	1,4-dioxane	25.0	99.9	0.0	0.8	0.0	1.2	0.8	0.0	0.8	25.0	0.0	0.2	0.0	0.3	0.2	0.0	0.2
486	Al2O3	Rh	Fe	120	1,4-dioxane	21.5	99.9	1.1	4.3	0.0	9.6	2.1	0.0	2.1	21.4	0.2	0.9	0.0	2.1	0.5	0.0	0.5
487	Al2O3	Rh	Na	80	1,4-dioxane	23.6	99.9	9.4	0.8	0.0	0.8	0.8	0.0	0.4	23.5	2.2	0.2	0.0	0.2	0.2	0.0	0.1
488	Al2O3	Rh	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489	Al2O3	Rh	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
490	Al2O3	Rh	Sn	80	1,4-dioxane	27.8	99.9	6.9	0.7	0.0	0.7	0.7	0.0	0.4	27.8	1.9	0.2	0.0	0.2	0.2	0.0	0.1
491	Al2O3	Rh	Sn	100	1,4-dioxane	2.2	99.9	0.0	4.6	0.0	0.0	9.1	0.0	4.6	2.2	0.0	0.1	0.0	0.0	0.2	0.0	0.1
492	Al2O3	Rh	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493	Al2O3	Rh	W	80	1,4-dioxane	25.2	98.5	4.6	1.2	0.0	0.8	0.8	0.0	0.8	24.8	1.2	0.3	0.0	0.2	0.2	0.0	0.2
494	Al2O3	Rh	W	100	1,4-dioxane	11.0	84.7	0.0	2.7	0.0	1.8	1.8	0.0	0.9	9.4	0.0	0.3	0.0	0.2	0.2	0.0	0.1
495	Al2O3	Rh	W	120	1,4-dioxane	10.7	99.9	1.1	14.9	0.0	11.7	3.2	0.0	3.2	10.7	0.1	1.6	0.0	1.3	0.3	0.0	0.3
496	SiO2	-	Bi	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497	SiO2	-	Bi	100	1,4-dioxane	1.0	18.2	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
498	SiO2	-	Bi	120	1,4-dioxane	8.2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
499	SiO2	Au	-	80	1,4-dioxane	2.8	10.3	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0
500	SiO2	Au	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
501	SiO2	Au	-	120	1,4-dioxane	3.0	5.9	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
502	SiO2	Au	Bi	80	1,4-dioxane	0.6	50.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0
503	SiO2	Au	Bi	100	1,4-dioxane	2.4	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
504	SiO2	Au	Bi	120	1,4-dioxane	5.1	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
505	SiO2	Au	Cr	80	1,4-dioxane	5.2	5.5	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0
506	SiO2	Au	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507	SiO2	Au	Cr	120	1,4-dioxane	3.9	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
508	SiO2	Au	Fe	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
509	SiO2	Au	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
510	SiO2	Au	Fe	120	1,4-dioxane	1.9	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
511	SiO2	Au	Na	80	1,4-dioxane	0.8	25.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
512	SiO2	Au	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513	SiO2	Au	Na	120	1,4-dioxane	4.2	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
514	SiO2	Au	Sn	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
515	SiO2	Au	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516	SiO2	Au	Sn	120	1,4-dioxane	3.8	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
517	SiO2	Au	W	80	1,4-dioxane	0.6	33.3	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
518	SiO2	Au	W	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
519	SiO2	Au	W	120	1,4-dioxane	4.2	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
520	SiO2	Rh	-	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
521	SiO2	Rh	-	100	1,4-dioxane	2.6	99.9	0.0	0.0	0.0	7.1	10.7	0.0	3.6	2.6	0.0	0.0	0.0	0.2	0.3	0.0	0.1
522	SiO2	Rh	-	120	1,4-dioxane	12.5	75.0	0.0	0.7	0.0	5.0	3.6	0.0	1.4	9.4	0.0	0.1	0.0	0.6	0.5	0.0	0.2
523	SiO2	Rh	Bi	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524	SiO2	Rh	Bi	100	1,4-dioxane	0.9	99.9	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
525	SiO2	Rh	Bi	120	1,4-dioxane	14.3	11.9	0.0	1.3	0.0	0.0	1.3	0.0	0.0	1.7	0.0	0.2	0.0	0.0	0.2	0.0	0.0
526	SiO2	Rh	Cr	80	1,4-dioxane	6.8	64.8	0.0	0.0	0.0	0.0	2.8	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
527	SiO2	Rh	Cr	100	1,4-dioxane	7.5	99.9	0.0	0.0	0.0	0.0	2.5	0.0	2.5	7.5	0.0	0.0	0.0	0.0	0.2	0.0	0.2
528	SiO2	Rh	Cr	120	1,4-dioxane	21.1	97.0	0.0	1.7	0.0	1.3	1.3	0.0	0.4	20.5	0.0	0.4	0.0	0.3	0.3	0.0	0.1
529	SiO2	Rh	Fe	80	1,4-dioxane	25.8	99.9	0.0	0.0	0.0	0.0	0.7	0.0	1.1	25.8	0.0	0.0	0.0	0.0	0.2	0.0	0.3
530	SiO2	Rh	Fe	100	1,4-dioxane	39.7	99.9	0.0	0.0	0.0	0.2	0.5	0.0	1.0	39.7	0.0	0.0	0.0	0.1	0.2	0.0	0.4
531	SiO2	Rh	Fe	120	1,4-dioxane	55.1	99.9	0.0	0.7	0.0	0.8	0.5	0.0	0.2	55.0	0.0	0.4	0.0	0.5	0.3	0.0	0.1
532	SiO2	Rh	Na	80	1,4-dioxane	4.5	29.8	0.0	0.0	0.0	0.0	6.4	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0
533	SiO2	Rh	Na	100	1,4-dioxane	12.5	22.6	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
534	SiO2	Rh	Na	120	1,4-dioxane	9.6	86.0	0.0	1.9	0.0	0.0	1.9	0.0	1.9	8.2	0.0	0.2	0.0	0.0	0.2	0.0	0.2
535	SiO2	Rh	Sn	80	1,4-dioxane	8.5	33.7	0.0	0.0	0.0	0.0	3.4	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0
536	SiO2	Rh	Sn	100	1,4-dioxane	4.4	99.9	0.0	0.0	0.0	2.1	6.4	0.0	0.0	4.4	0.0	0.0	0.0	0.1	0.3	0.0	0.0
537	SiO2	Rh	Sn	120	1,4-dioxane	11.3	97.6	0.0	1.6	0.0	3.2	3.2	0.0	1.6	11.0	0.0	0.2	0.0	0.4	0.4	0.0	0.2
538	SiO2	Rh	W	80	1,4-dioxane	8.7	57.1	0.0	0.0	0.0	9.9	3.3	0.0	1.1	5.0	0.0	0.0	0.0	0.9	0.3	0.0	0.1
539	SiO2	Rh	W	100	1,4-dioxane	13.6	78.6	0.0	0.0	0.0	19.3	2.8	0.0	1.4	10.7	0.0	0.0	0.0	2.6	0.4	0.0	0.2
540	SiO2	Rh	W	120	1,4-dioxane	29.4	64.9	0.6	1.2	0.0	24.4	2.4	0.0	1.2	19.1	0.2	0.4	0.0	7.2	0.7	0.0	0.4
541	Al2O3	-	Sn	80	1,4-dioxane	3.0	81.8	0.0	0.0	0.0	0.0	6.1	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
542	Al2O3	-	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543	Al2O3	-	Sn	120	1,4-dioxane	1.7	36.8	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0
544	Al2O3	Pd	-	80	1,4-dioxane	99.4	0.6	97.3	0.0	0.0	0.2	0.2	4.4	0.2	0.5	96.7	0.0	0.0	0.2	0.2	4.3	0.2
545	Al2O3	Pd	-	100	1,4-dioxane	89.2	35.2	6.1	0.0	0.0	2.6	0.1	0.2	0.2	31.4	5.5	0.0	0.0	2.3	0.1	0.2	0.2
546	Al2O3	Pd	-	120	1,4-dioxane	92.1	54.8	16.0	0.3	0.0	8.0	0.3	1.6	0.3	50.5	14.7	0.3	0.0	7.4	0.3	1.5	0.3
547	Al2O3	Pd	Bi	80	1,4-dioxane	87.9	17.7	35.4	0.0	0.0	1.1	0.2	0.3	0.1	15.6	31.1	0.0	0.0	1.0	0.2	0.3	0.1
548	Al2O3	Pd	Bi	100	1,4-dioxane	25.7	87.4	4.8	0.0	0.0	1.9	0.7	0.0	1.9	22.5	1.2	0.0	0.0	0.5	0.2	0.0	0.5
549	Al2O3	Pd	Bi	120	1,4-dioxane	43.6	81.3	5.9	0.0	0.0	2.9	0.4	0.0	0.4	35.4	2.6	0.0	0.0	1.3	0.2	0.0	0.2
550	Al2O3	Pd	Cr	80	1,4-dioxane	99.6	0.3	96.2	0.0	0.0	0.3	0.2	5.0	0.2	0.3	95.8	0.0	0.0	0.3	0.2	5.0	0.2
551	Al2O3	Pd	Cr	100	1,4-dioxane	84.6	93.4	15.6	0.0	0.0	6.1	0.2	0.6	0.2	79.0	13.2	0.0	0.0	5.2	0.2	0.5	0.2
552	Al2O3	Pd	Cr	120	1,4-dioxane	94.4	63.1	17.9	0.3	0.0	9.1	0.4	1.5	0.4	59.6	16.9	0.3	0.0	8.6	0.4	1.4	0.4
553	Al2O3	Pd	Fe	80	1,4-dioxane	99.6	2.1	88.4	0.0	0.0	1.2	0.3	3.9	0.2	2.1	88.1	0.0	0.0	1.2	0.3	3.9	0.2
554	Al2O3	Pd	Fe	100	1,4-dioxane	76.8	70.2	10.6	0.0	0.0	4.2	0.3	0.4	0.3	53.9	8.1	0.0	0.0	3.3	0.2	0.3	0.2
555	Al2O3	Pd	Fe	120	1,4-dioxane	88.0	72.8	18.4	0.3	0.0	7.9	0.3	1.3	0.3	64.0	16.2	0.3	0.0	7.0	0.3	1.1	0.3
556	Al2O3	Pd	Na	80	1,4-dioxane	99.6	0.5	92.8	0.0	0.0	0.6	0.2	4.8	0.2	0.5	92.5	0.0	0.0	0.6	0.2	4.8	0.2
557	Al2O3	Pd	Na	100	1,4-dioxane	80.5	78.0	14.0	0.0	0.0	5.5	0.2	0.6	0.2	62.8	11.3	0.0	0.0	4.4	0.2	0.5	0.2
558	Al2O3	Pd	Na	120	1,4-dioxane	93.1	63.8	20.8	0.3	0.0	9.7	0.4	1.7	0.4	59.4	19.3	0.3	0.0	9.1	0.4	1.6	0.4
559	Al2O3	Pd	Sn	80	1,4-dioxane	99.4	0.6	92.9	0.0	0.0	0.6	0.2	4.0	0.2	0.6	92.3	0.0	0.0	0.5	0.2	4.0	0.2
560	Al2O3	Pd	Sn	100	1,4-dioxane	68.8	93.9	12.0	0.0	0.0	5.6	0.4	0.4	0.3	64.6	8.2	0.0	0.0	3.8	0.3	0.3	0.2
561	Al2O3	Pd	Sn	120	1,4-dioxane	83.1	91.6	17.4	0.4	0.0	10.9	0.4	1.4	0.4	76.1	14.5	0.4	0.0	9.1	0.4	1.2	0.4
562	Al2O3	Pd	W	80	1,4-dioxane	99.7	1.4	87.2	0.0	0.0	1.6	0.2	5.7	0.2	1.4	87.0	0.0	0.0	1.6	0.2	5.7	0.2

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
563	Al2O3	Pd	W	100	1,4-dioxane	82.4	86.8	17.8	0.0	0.0	7.4	0.4	0.9	0.2	71.5	14.6	0.0	0.0	6.1	0.3	0.8	0.2
564	Al2O3	Pd	W	120	1,4-dioxane	94.4	58.5	23.2	0.3	0.0	11.0	0.5	2.1	0.5	55.3	21.9	0.3	0.0	10.3	0.5	2.0	0.5
565	Al2O3	Pt	-	80	1,4-dioxane	36.5	96.3	1.0	0.3	0.0	0.5	0.5	0.0	0.3	35.2	0.4	0.1	0.0	0.2	0.2	0.0	0.1
566	Al2O3	Pt	-	100	1,4-dioxane	0.5	99.9	20.0	40.0	0.0	0.0	60.0	0.0	20.0	0.5	0.1	0.2	0.0	0.0	0.3	0.0	0.1
567	Al2O3	Pt	-	120	1,4-dioxane	23.4	46.5	0.0	1.6	0.0	0.8	0.8	0.0	0.8	10.9	0.0	0.4	0.0	0.2	0.2	0.0	0.2
568	Al2O3	Pt	Bi	80	1,4-dioxane	54.3	99.9	2.0	0.2	0.0	0.3	0.5	0.0	0.2	54.2	1.1	0.1	0.0	0.2	0.3	0.0	0.1
569	Al2O3	Pt	Bi	100	1,4-dioxane	18.4	91.7	0.5	0.0	0.0	0.0	1.0	0.0	0.5	16.8	0.1	0.0	0.0	0.0	0.2	0.0	0.1
570	Al2O3	Pt	Bi	120	1,4-dioxane	13.3	99.9	0.0	1.4	0.0	0.7	1.4	0.0	1.4	13.3	0.0	0.2	0.0	0.1	0.2	0.0	0.2
571	Al2O3	Pt	Cr	80	1,4-dioxane	33.0	97.3	1.1	0.3	0.0	0.6	0.6	0.0	0.8	32.1	0.4	0.1	0.0	0.2	0.2	0.0	0.3
572	Al2O3	Pt	Cr	100	1,4-dioxane	8.8	99.9	0.0	0.0	0.0	0.0	2.2	0.0	1.1	8.8	0.0	0.0	0.0	0.0	0.2	0.0	0.1
573	Al2O3	Pt	Cr	120	1,4-dioxane	25.6	36.4	0.0	1.1	0.0	0.4	0.7	0.0	0.7	9.3	0.0	0.3	0.0	0.1	0.2	0.0	0.2
574	Al2O3	Pt	Fe	80	1,4-dioxane	34.8	99.0	1.0	0.3	0.0	0.5	0.5	0.0	0.3	34.5	0.4	0.1	0.0	0.2	0.2	0.0	0.1
575	Al2O3	Pt	Fe	100	1,4-dioxane	7.6	99.9	1.3	1.3	0.0	0.0	2.5	0.0	1.3	7.6	0.1	0.1	0.0	0.0	0.2	0.0	0.1
576	Al2O3	Pt	Fe	120	1,4-dioxane	11.7	99.9	0.0	3.1	0.0	1.6	1.6	0.0	1.6	11.7	0.0	0.4	0.0	0.2	0.2	0.0	0.2
577	Al2O3	Pt	Na	80	1,4-dioxane	23.2	98.8	1.6	0.4	0.0	0.4	0.8	0.0	1.2	22.9	0.4	0.1	0.0	0.1	0.2	0.0	0.3
578	Al2O3	Pt	Na	100	1,4-dioxane	13.4	52.9	0.0	0.7	0.0	0.0	2.1	0.0	0.7	7.1	0.0	0.1	0.0	0.0	0.3	0.0	0.1
579	Al2O3	Pt	Na	120	1,4-dioxane	21.4	33.8	0.0	1.3	0.0	0.0	0.9	0.0	0.9	7.2	0.0	0.3	0.0	0.0	0.2	0.0	0.2
580	Al2O3	Pt	Sn	80	1,4-dioxane	18.4	99.9	0.5	0.0	0.0	0.0	1.0	0.0	0.5	18.3	0.1	0.0	0.0	0.0	0.2	0.0	0.1
581	Al2O3	Pt	Sn	100	1,4-dioxane	17.7	46.5	0.5	0.5	0.0	0.0	1.1	0.0	0.5	8.2	0.1	0.1	0.0	0.0	0.2	0.0	0.1
582	Al2O3	Pt	Sn	120	1,4-dioxane	11.0	97.5	0.0	2.5	0.0	1.7	1.7	0.0	1.7	10.7	0.0	0.3	0.0	0.2	0.2	0.0	0.2
583	Al2O3	Pt	W	80	1,4-dioxane	38.3	61.3	0.5	0.2	0.0	0.5	0.5	0.0	0.7	23.5	0.2	0.1	0.0	0.2	0.2	0.0	0.3
584	Al2O3	Pt	W	100	1,4-dioxane	1.2	99.9	0.0	16.7	0.0	0.0	16.7	0.0	8.3	1.2	0.0	0.2	0.0	0.0	0.2	0.0	0.1
585	Al2O3	Pt	W	120	1,4-dioxane	8.5	99.9	0.0	5.4	0.0	2.2	2.2	0.0	2.2	8.5	0.0	0.5	0.0	0.2	0.2	0.0	0.2
586	Al2O3	-	-	80	1,4-dioxane	4.2	99.9	0.0	0.0	0.0	0.0	4.8	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0
587	Al2O3	-	-	100	1,4-dioxane	2.4	33.3	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0
588	Al2O3	-	-	120	1,4-dioxane	0.3	99.9	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0
589	Al2O3	Cu	-	80	1,4-dioxane	4.5	99.9	0.0	0.0	0.0	0.0	4.4	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0
590	Al2O3	Cu	-	100	1,4-dioxane	0.8	99.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591	Al2O3	Cu	-	120	1,4-dioxane	4.0	72.5	0.0	0.0	0.0	0.0	2.5	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0
592	Al2O3	Cu	Bi	80	1,4-dioxane	10.6	99.9	0.0	0.0	0.0	0.0	1.9	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0
593	Al2O3	Cu	Bi	100	1,4-dioxane	4.8	99.9	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0
594	Al2O3	Cu	Bi	120	1,4-dioxane	12.4	99.9	0.0	0.0	0.0	0.0	1.6	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0
595	Al2O3	Cu	Cr	80	1,4-dioxane	5.7	99.9	0.0	0.0	0.0	0.0	1.8	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0
596	Al2O3	Cu	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
597	Al2O3	Cu	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
598	Al2O3	Cu	Fe	80	1,4-dioxane	5.9	99.9	0.0	0.0	0.0	0.0	1.7	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0
599	Al2O3	Cu	Fe	100	1,4-dioxane	2.1	66.7	0.0	0.0	0.0	0.0	4.8	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.0	0.0
600	Al2O3	Cu	Fe	120	1,4-dioxane	3.6	99.9	0.0	0.0	0.0	0.0	5.6	0.0	2.8	3.6	0.0	0.0	0.0	0.0	0.2	0.0	0.1
601	Al2O3	Cu	Na	80	1,4-dioxane	6.7	99.9	0.0	0.0	0.0	0.0	3.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0
602	Al2O3	Cu	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603	Al2O3	Cu	Na	120	1,4-dioxane	4.8	99.9	0.0	0.0	0.0	0.0	4.2	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
604	Al2O3	Cu	Sn	80	1,4-dioxane	5.1	99.9	0.0	0.0	0.0	0.0	3.9	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
605	Al2O3	Cu	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
606	Al2O3	Cu	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
607	Al2O3	Cu	W	80	1,4-dioxane	6.6	99.9	0.0	0.0	0.0	0.0	1.5	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
608	Al2O3	Cu	W	100	1,4-dioxane	0.7	99.9	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0
609	Al2O3	Cu	W	120	1,4-dioxane	2.9	99.9	0.0	0.0	0.0	0.0	6.9	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.2	0.0	0.0
610	Al2O3	Ni	-	80	1,4-dioxane	4.9	99.9	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0
611	Al2O3	Ni	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
612	Al2O3	Ni	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
613	Al2O3	Ni	Bi	80	1,4-dioxane	4.9	93.9	0.0	0.0	0.0	0.0	2.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
614	Al2O3	Ni	Bi	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
615	Al2O3	Ni	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616	Al2O3	Ni	Cr	80	1,4-dioxane	4.7	95.7	0.0	0.0	0.0	0.0	4.3	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.2	0.0	0.0
617	Al2O3	Ni	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
618	Al2O3	Ni	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619	Al2O3	Ni	Fe	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
620	Al2O3	Ni	Fe	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621	Al2O3	Ni	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
622	Al2O3	Ni	Na	80	1,4-dioxane	1.7	99.9	0.0	0.0	0.0	0.0	5.9	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0
623	Al2O3	Ni	Na	100	1,4-dioxane	2.3	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
624	Al2O3	Ni	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
625	Al2O3	Ni	Sn	80	1,4-dioxane	1.9	99.9	0.0	0.0	0.0	0.0	5.3	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0
626	Al2O3	Ni	Sn	100	1,4-dioxane	2.7	22.2	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
627	Al2O3	Ni	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
628	Al2O3	Ni	W	80	1,4-dioxane	0.4	99.9	0.0	0.0	0.0	0.0	25.0	0.0	25.0	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.1
629	Al2O3	Ni	W	100	1,4-dioxane	2.2	27.3	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
630	Al2O3	Ni	W	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
631	SiO2	-	Sn	80	1,4-dioxane	1.0	30.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
632	SiO2	-	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
633	SiO2	-	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
634	SiO2	Pd	-	80	1,4-dioxane	1.4	42.9	0.0	0.0	0.0	0.0	35.7	21.4	0.0	0.6	0.0	0.0	0.0	0.0	0.5	0.3	0.0
635	SiO2	Pd	-	100	1,4-dioxane	1.5	46.7	0.0	0.0	0.0	0.0	33.3	20.0	0.0	0.7	0.0	0.0	0.0	0.0	0.5	0.3	0.0
636	SiO2	Pd	-	120	1,4-dioxane	4.3	38.6	2.3	0.0	0.0	0.0	13.6	6.8	0.0	1.7	0.1	0.0	0.0	0.0	0.6	0.3	0.0
637	SiO2	Pd	Bi	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
638	SiO2	Pd	Bi	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
639	SiO2	Pd	Bi	120	1,4-dioxane	1.7	82.4	0.0	0.0	0.0	0.0	29.4	11.8	0.0	1.4	0.0	0.0	0.0	0.0	0.5	0.2	0.0
640	SiO2	Pd	Cr	80	1,4-dioxane	3.2	54.6	0.0	0.0	0.0	0.0	18.2	6.1	0.0	1.8	0.0	0.0	0.0	0.0	0.6	0.2	0.0
641	SiO2	Pd	Cr	100	1,4-dioxane	7.0	34.7	2.8	0.0	0.0	0.0	8.3	4.2	0.0	2.4	0.2	0.0	0.0	0.0	0.6	0.3	0.0
642	SiO2	Pd	Cr	120	1,4-dioxane	11.5	45.3	5.1	0.0	0.0	0.0	4.3	2.6	0.0	5.2	0.6	0.0	0.0	0.0	0.5	0.3	0.0
643	SiO2	Pd	Fe	80	1,4-dioxane	2.3	70.8	0.0	0.0	0.0	0.0	20.8	12.5	0.0	1.7	0.0	0.0	0.0	0.0	0.5	0.3	0.0
644	SiO2	Pd	Fe	100	1,4-dioxane	4.2	76.7	7.0	0.0	0.0	0.0	11.6	0.0	0.0	3.2	0.3	0.0	0.0	0.0	0.5	0.0	0.0
645	SiO2	Pd	Fe	120	1,4-dioxane	10.9	69.4	17.1	0.0	0.0	0.0	5.4	2.7	0.0	7.6	1.9	0.0	0.0	0.0	0.6	0.3	0.0
646	SiO2	Pd	Na	80	1,4-dioxane	1.9	26.3	0.0	0.0	0.0	0.0	26.3	15.8	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.3	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
647	SiO2	Pd	Na	100	1,4-dioxane	1.8	27.8	0.0	0.0	0.0	0.0	27.8	16.7	0.0	0.5	0.0	0.0	0.0	0.0	0.5	0.3	0.0
648	SiO2	Pd	Na	120	1,4-dioxane	3.2	37.5	0.0	0.0	0.0	0.0	18.8	9.4	0.0	1.2	0.0	0.0	0.0	0.0	0.6	0.3	0.0
649	SiO2	Pd	Sn	80	1,4-dioxane	7.8	62.5	2.5	0.0	0.0	0.0	6.3	3.8	0.0	4.9	0.2	0.0	0.0	0.0	0.5	0.3	0.0
650	SiO2	Pd	Sn	100	1,4-dioxane	17.5	77.1	4.5	0.0	0.0	0.0	2.8	1.7	0.0	13.5	0.8	0.0	0.0	0.0	0.5	0.3	0.0
651	SiO2	Pd	Sn	120	1,4-dioxane	46.3	79.2	9.8	0.0	0.2	0.0	0.2	0.6	0.0	36.7	4.5	0.0	0.1	0.0	0.1	0.3	0.0
652	SiO2	Pd	W	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
653	SiO2	Pd	W	100	1,4-dioxane	3.2	39.4	0.0	0.0	0.0	0.0	15.2	9.1	0.0	1.3	0.0	0.0	0.0	0.0	0.5	0.3	0.0
654	SiO2	Pd	W	120	1,4-dioxane	10.5	35.5	5.6	0.0	0.0	0.0	5.6	2.8	0.0	3.7	0.6	0.0	0.0	0.0	0.6	0.3	0.0
655	SiO2	Pt	-	80	1,4-dioxane	5.5	50.0	0.0	0.0	0.0	0.0	1.8	3.6	0.0	2.7	0.0	0.0	0.0	0.0	0.1	0.2	0.0
656	SiO2	Pt	-	100	1,4-dioxane	6.1	64.5	0.0	0.0	0.0	0.0	0.0	4.8	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0
657	SiO2	Pt	-	120	1,4-dioxane	1.9	99.9	0.0	0.0	0.0	0.0	0.0	15.8	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.3	0.0
658	SiO2	Pt	Bi	80	1,4-dioxane	1.8	99.9	0.0	0.0	0.0	0.0	0.0	11.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0
659	SiO2	Pt	Bi	100	1,4-dioxane	4.2	74.4	0.0	0.0	0.0	0.0	0.0	4.7	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
660	SiO2	Pt	Bi	120	1,4-dioxane	4.1	99.9	0.0	0.0	0.0	0.0	0.0	7.1	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0
661	SiO2	Pt	Cr	80	1,4-dioxane	23.5	99.9	0.0	0.0	0.0	0.0	0.0	1.2	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0
662	SiO2	Pt	Cr	100	1,4-dioxane	40.5	99.9	0.0	0.0	0.0	0.0	0.0	0.7	0.0	40.5	0.0	0.0	0.0	0.0	0.0	0.3	0.0
663	SiO2	Pt	Cr	120	1,4-dioxane	65.7	99.9	0.0	0.0	0.0	0.0	0.2	0.5	0.0	65.7	0.0	0.0	0.0	0.0	0.1	0.3	0.0
664	SiO2	Pt	Fe	80	1,4-dioxane	20.0	99.9	0.0	0.0	0.0	0.0	0.5	1.5	0.0	20.0	0.0	0.0	0.0	0.0	0.1	0.3	0.0
665	SiO2	Pt	Fe	100	1,4-dioxane	18.7	99.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0	18.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0
666	SiO2	Pt	Fe	120	1,4-dioxane	21.1	99.9	0.0	0.0	0.0	0.0	0.5	0.9	0.0	21.1	0.0	0.0	0.0	0.0	0.1	0.2	0.0
667	SiO2	Pt	Na	80	1,4-dioxane	2.8	86.2	0.0	0.0	0.0	0.0	3.5	10.3	0.0	2.4	0.0	0.0	0.0	0.0	0.1	0.3	0.0
668	SiO2	Pt	Na	100	1,4-dioxane	0.6	99.9	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0
669	SiO2	Pt	Na	120	1,4-dioxane	3.4	99.9	0.0	0.0	0.0	0.0	0.0	8.8	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.3	0.0
670	SiO2	Pt	Sn	80	1,4-dioxane	15.7	99.9	0.0	0.0	0.0	0.0	0.6	1.9	0.0	15.7	0.0	0.0	0.0	0.0	0.1	0.3	0.0
671	SiO2	Pt	Sn	100	1,4-dioxane	11.2	99.9	0.0	0.0	0.0	0.0	0.9	1.7	0.0	11.2	0.0	0.0	0.0	0.0	0.1	0.2	0.0
672	SiO2	Pt	Sn	120	1,4-dioxane	20.5	99.9	0.0	0.0	0.0	0.0	1.0	1.0	0.0	20.5	0.0	0.0	0.0	0.0	0.2	0.2	0.0
673	SiO2	Pt	W	80	1,4-dioxane	4.0	58.5	0.0	0.0	0.0	0.0	2.4	7.3	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.3	0.0
674	SiO2	Pt	W	100	1,4-dioxane	12.5	22.7	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.3	0.0
675	SiO2	Pt	W	120	1,4-dioxane	5.2	79.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
676	SiO2	-	-	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
677	SiO2	-	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678	SiO2	-	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
679	SiO2	Cu	-	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
680	SiO2	Cu	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
681	SiO2	Cu	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682	SiO2	Cu	Bi	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
683	SiO2	Cu	Bi	100	1,4-dioxane	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
684	SiO2	Cu	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
685	SiO2	Cu	Cr	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
686	SiO2	Cu	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
687	SiO2	Cu	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
688	SiO2	Cu	Fe	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Primary ID	Support	MainMetal ^a	Promotor ^b	T °C	Solvent	c(1) ^c	s(2) ^d	s(3)	s(4)	s(5)	s(6)	s(7)	s(8)	s(9)	y(2) ^e	y(3)	y(4)	y(5)	y(6)	y(7)	y(8)	y(9)
689	SiO2	Cu	Fe	100	1,4-dioxane	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
690	SiO2	Cu	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
691	SiO2	Cu	Na	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
692	SiO2	Cu	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
693	SiO2	Cu	Na	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
694	SiO2	Cu	Sn	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695	SiO2	Cu	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
696	SiO2	Cu	Sn	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
697	SiO2	Cu	W	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698	SiO2	Cu	W	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
699	SiO2	Cu	W	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700	SiO2	Ni	-	80	1,4-dioxane	0.9	33.3	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0
701	SiO2	Ni	-	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
702	SiO2	Ni	-	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
703	SiO2	Ni	Bi	80	1,4-dioxane	1.2	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704	SiO2	Ni	Bi	100	1,4-dioxane	1.3	15.4	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
705	SiO2	Ni	Bi	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
706	SiO2	Ni	Cr	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
707	SiO2	Ni	Cr	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708	SiO2	Ni	Cr	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709	SiO2	Ni	Fe	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
710	SiO2	Ni	Fe	100	1,4-dioxane	1.9	89.5	0.0	0.0	0.0	0.0	21.1	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0
711	SiO2	Ni	Fe	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
712	SiO2	Ni	Na	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
713	SiO2	Ni	Na	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
714	SiO2	Ni	Na	120	1,4-dioxane	0.7	99.9	0.0	0.0	0.0	0.0	28.6	28.6	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.2	0.0
715	SiO2	Ni	Sn	80	1,4-dioxane	1.1	90.9	0.0	0.0	0.0	0.0	18.2	18.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
716	SiO2	Ni	Sn	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717	SiO2	Ni	Sn	120	1,4-dioxane	1.1	99.9	0.0	0.0	0.0	0.0	27.3	18.2	0.0	1.1	0.0	0.0	0.0	0.0	0.3	0.2	0.0
718	SiO2	Ni	W	80	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
719	SiO2	Ni	W	100	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720	SiO2	Ni	W	120	1,4-dioxane	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

^a The loading of the main metal in all cases equals 1 wt% relative to the support

^b The loading of the promotor in all cases equals 10 mol% relative to the main metal

^c Conversion of the substrate **1**

^d s(2)-s(9) indicate the selectivities of components **2-9**

^e y(2)-y(9) indicate the yields of components **2-9**

Table 2 Scores in the PCA model for all experiments

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
1	0.0847	0.784416	-1.47756	1.39938	0.076486	Al2O3	-	Fe	80	diethyl carbonate
2	0.1601	1.37726	-1.53827	1.2668	0.0783405	Al2O3	-	Fe	100	diethyl carbonate
3	0.0482	2.03748	-1.29531	1.50399	0.077097	Al2O3	-	Fe	120	diethyl carbonate
4	0.0947	1.93641	-0.802314	1.37752	0.0543656	Al2O3	Ir	-	80	diethyl carbonate
5	0.2298	2.4859	-1.8244	1.18148	0.108996	Al2O3	Ir	-	100	diethyl carbonate
6	0.7073	3.37659	-2.01317	0.791909	0.0876922	Al2O3	Ir	-	120	diethyl carbonate
7	0.1622	1.32423	-1.31706	1.26389	0.0649128	Al2O3	Ir	Bi	80	diethyl carbonate
8	0.1613	1.58436	-1.50061	1.2652	0.0749725	Al2O3	Ir	Bi	100	diethyl carbonate
9	0.3425	2.4062	-1.6944	1.07355	0.0615509	Al2O3	Ir	Bi	120	diethyl carbonate
10	0.0988	1.85409	-0.744289	1.36899	0.0514469	Al2O3	Ir	Cr	80	diethyl carbonate
11	0.3078	2.28902	-1.72377	1.1043	0.0974016	Al2O3	Ir	Cr	100	diethyl carbonate
12	0.7497	3.39679	-2.00787	0.756936	0.0872317	Al2O3	Ir	Cr	120	diethyl carbonate
13	0.1495	1.48554	-1.35108	1.28201	0.0661738	Al2O3	Ir	Fe	80	diethyl carbonate
14	0.1342	1.71068	-1.53673	1.30545	0.0765448	Al2O3	Ir	Fe	100	diethyl carbonate
15	0.8792	3.26693	-1.96575	0.628345	0.0816923	Al2O3	Ir	Fe	120	diethyl carbonate
16	0.0968	1.86852	-0.754847	1.37305	0.0519837	Al2O3	Ir	Na	80	diethyl carbonate
17	0.4362	2.0818	-1.53955	0.99732	0.0596599	Al2O3	Ir	Na	100	diethyl carbonate
18	0.8761	3.39866	-2.01862	0.632056	0.0839605	Al2O3	Ir	Na	120	diethyl carbonate
19	0.0958	1.92567	-0.793763	1.3752	0.0539007	Al2O3	Ir	Sn	80	diethyl carbonate
20	0.4977	2.27618	-1.57809	0.950514	0.0558241	Al2O3	Ir	Sn	100	diethyl carbonate
21	0.8141	3.31164	-1.95567	0.698792	0.0777548	Al2O3	Ir	Sn	120	diethyl carbonate
22	0.8626	-1.32344	0.706821	0.647978	0.0161237	Al2O3	Ir	W	80	diethyl carbonate
23	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ir	W	100	diethyl carbonate
24	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ir	W	120	diethyl carbonate
25	0.1585	0.525258	-1.2278	1.26917	0.0637194	Al2O3	Ru	-	80	diethyl carbonate
26	0.2237	1.12244	-1.41959	1.18817	0.0724105	Al2O3	Ru	-	100	diethyl carbonate
27	0.1249	2.4766	-1.912	1.32083	0.119096	Al2O3	Ru	-	120	diethyl carbonate
28	0.1544	0.543172	-1.25185	1.27495	0.0650102	Al2O3	Ru	Bi	80	diethyl carbonate
29	0.1987	1.17074	-1.44935	1.21693	0.0738839	Al2O3	Ru	Bi	100	diethyl carbonate
30	0.2983	2.12322	-1.25806	1.113	0.0582776	Al2O3	Ru	Bi	120	diethyl carbonate
31	0.1368	0.596254	-1.29524	1.30136	0.0671761	Al2O3	Ru	Cr	80	diethyl carbonate
32	0.1934	1.17575	-1.46722	1.22334	0.0749037	Al2O3	Ru	Cr	100	diethyl carbonate
33	0.1134	2.54918	-1.94479	1.34099	0.120673	Al2O3	Ru	Cr	120	diethyl carbonate
34	0.1304	0.616539	-1.30058	1.31171	0.0672922	Al2O3	Ru	Fe	80	diethyl carbonate
35	0.1948	1.27585	-1.46789	1.22162	0.0745037	Al2O3	Ru	Fe	100	diethyl carbonate
36	0.1179	2.54074	-1.94307	1.33295	0.120472	Al2O3	Ru	Fe	120	diethyl carbonate
37	0.1434	0.582369	-1.2889	1.29116	0.0668695	Al2O3	Ru	Na	80	diethyl carbonate
38	0.1977	1.16786	-1.46009	1.2181	0.0745318	Al2O3	Ru	Na	100	diethyl carbonate
39	0.1181	2.53709	-1.94233	1.3326	0.120461	Al2O3	Ru	Na	120	diethyl carbonate
40	0.1495	0.548749	-1.24272	1.28205	0.0644278	Al2O3	Ru	Sn	80	diethyl carbonate
41	0.2163	1.29813	-1.42314	1.19645	0.0719606	Al2O3	Ru	Sn	100	diethyl carbonate
42	0.737	2.74945	-1.88882	0.767631	0.0925734	Al2O3	Ru	Sn	120	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
43	0.1412	0.587462	-1.29587	1.29452	0.067268	Al2O3	Ru	W	80	diethyl carbonate
44	0.2033	1.23683	-1.46529	1.21143	0.0746746	Al2O3	Ru	W	100	diethyl carbonate
45	0.1089	2.61573	-1.97133	1.34931	0.121859	Al2O3	Ru	W	120	diethyl carbonate
46	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Fe	80	diethyl carbonate
47	0.7492	-1.43862	-0.122542	0.757378	0.0175791	SiO2	-	Fe	100	diethyl carbonate
48	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Fe	120	diethyl carbonate
49	0.8572	-0.913862	-0.256495	0.654082	0.0180338	SiO2	Ir	-	80	diethyl carbonate
50	0.9198	-1.04252	-0.226769	0.572139	0.017618	SiO2	Ir	-	100	diethyl carbonate
51	0.6966	-0.372175	-0.25758	0.800472	0.0166997	SiO2	Ir	-	120	diethyl carbonate
52	0.9348	-1.06739	-0.216096	0.546727	0.0171455	SiO2	Ir	Bi	80	diethyl carbonate
53	0.9781	-1.32559	-0.132119	0.436958	0.0149439	SiO2	Ir	Bi	100	diethyl carbonate
54	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Bi	120	diethyl carbonate
55	0.8572	-0.913862	-0.256495	0.654082	0.0180338	SiO2	Ir	Cr	80	diethyl carbonate
56	0.9042	-0.992857	-0.239837	0.595356	0.0178528	SiO2	Ir	Cr	100	diethyl carbonate
57	0.7977	-0.532743	-0.257428	0.714383	0.0170674	SiO2	Ir	Cr	120	diethyl carbonate
58	0.827	-0.881603	-0.264983	0.686008	0.0182754	SiO2	Ir	Fe	80	diethyl carbonate
59	0.875	-0.936071	-0.25478	0.633463	0.0181788	SiO2	Ir	Fe	100	diethyl carbonate
60	0.7822	-0.504463	-0.271456	0.728572	0.0176715	SiO2	Ir	Fe	120	diethyl carbonate
61	0.8775	-0.93976	-0.24968	0.630412	0.017853	SiO2	Ir	Na	80	diethyl carbonate
62	0.8318	-0.878944	-0.276294	0.681198	0.0190315	SiO2	Ir	Na	100	diethyl carbonate
63	0.7591	-0.477099	-0.278656	0.748889	0.0178718	SiO2	Ir	Na	120	diethyl carbonate
64	0.9381	-1.08465	-0.211555	0.5405	0.0170746	SiO2	Ir	Sn	80	diethyl carbonate
65	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Sn	100	diethyl carbonate
66	0.6136	-0.309485	-0.290781	0.864146	0.0282867	SiO2	Ir	Sn	120	diethyl carbonate
67	0.7942	-0.851799	-0.272826	0.717621	0.0185142	SiO2	Ir	W	80	diethyl carbonate
68	0.7377	-0.423107	-0.244736	0.767093	0.016358	SiO2	Ir	W	100	diethyl carbonate
69	0.5509	-0.209055	-0.253781	0.910815	0.0162438	SiO2	Ir	W	120	diethyl carbonate
70	0.9381	-1.08465	-0.211555	0.5405	0.0170746	SiO2	Ru	-	80	diethyl carbonate
71	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	-	100	diethyl carbonate
72	0.8723	-0.931798	-0.255346	0.636584	0.0181642	SiO2	Ru	-	120	diethyl carbonate
73	0.7778	-1.46349	-0.111868	0.732498	0.0171327	SiO2	Ru	Bi	80	diethyl carbonate
74	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Bi	100	diethyl carbonate
75	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Bi	120	diethyl carbonate
76	0.9174	-1.01155	-0.23079	0.575769	0.0174161	SiO2	Ru	Cr	80	diethyl carbonate
77	0.9198	-1.04252	-0.226769	0.572139	0.017618	SiO2	Ru	Cr	100	diethyl carbonate
78	0.8782	-0.940865	-0.25296	0.629476	0.0181068	SiO2	Ru	Cr	120	diethyl carbonate
79	0.9078	-0.990028	-0.236453	0.590285	0.017537	SiO2	Ru	Fe	80	diethyl carbonate
80	0.869	-0.92709	-0.257143	0.64049	0.0182358	SiO2	Ru	Fe	100	diethyl carbonate
81	0.6763	-0.350804	-0.263203	0.816389	0.0168711	SiO2	Ru	Fe	120	diethyl carbonate
82	0.9266	-1.03681	-0.224142	0.561016	0.017286	SiO2	Ru	Na	80	diethyl carbonate
83	0.9238	-1.06315	-0.221342	0.565583	0.0175349	SiO2	Ru	Na	100	diethyl carbonate
84	0.7925	-0.842218	-0.278917	0.719232	0.0188087	SiO2	Ru	Na	120	diethyl carbonate
85	0.8722	-0.932548	-0.251578	0.636815	0.0179021	SiO2	Ru	Sn	80	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
86	0.816	-0.863499	-0.273876	0.696927	0.0186799	SiO2	Ru	Sn	100	diethyl carbonate
87	0.4634	-0.12298	-0.339857	0.976446	0.0293781	SiO2	Ru	Sn	120	diethyl carbonate
88	0.9381	-1.08465	-0.211555	0.5405	0.0170746	SiO2	Ru	W	80	diethyl carbonate
89	0.9096	-1.00722	-0.236058	0.587607	0.0177799	SiO2	Ru	W	100	diethyl carbonate
90	0.763	-0.466432	-0.232777	0.745518	0.0160475	SiO2	Ru	W	120	diethyl carbonate
91	0.1307	0.614544	-1.4014	1.31114	0.0732854	Al2O3	-	Bi	80	diethyl carbonate
92	0.2219	1.15355	-1.44245	1.19022	0.0741203	Al2O3	-	Bi	100	diethyl carbonate
93	0.3456	2.21927	-1.67456	1.07095	0.0615154	Al2O3	-	Bi	120	diethyl carbonate
94	0.1595	1.60013	-1.38077	1.2677	0.0688206	Al2O3	Au	-	80	diethyl carbonate
95	0.4526	2.37651	-1.51576	0.984648	0.0494943	Al2O3	Au	-	100	diethyl carbonate
96	0.81	3.80454	-1.38316	0.702693	0.0582364	Al2O3	Au	-	120	diethyl carbonate
97	0.1663	1.60367	-1.37479	1.2583	0.0682007	Al2O3	Au	Bi	80	diethyl carbonate
98	0.5231	2.16235	-1.47934	0.931469	0.0509223	Al2O3	Au	Bi	100	diethyl carbonate
99	0.2461	3.00084	-1.12367	1.16416	0.0442725	Al2O3	Au	Bi	120	diethyl carbonate
100	0.2308	1.35845	-1.31236	1.18042	0.0660928	Al2O3	Au	Cr	80	diethyl carbonate
101	0.5274	2.09707	-1.44192	0.928322	0.0492908	Al2O3	Au	Cr	100	diethyl carbonate
102	0.2333	3.0519	-1.31025	1.17765	0.046938	Al2O3	Au	Cr	120	diethyl carbonate
103	0.5341	2.25198	-1.43079	0.923275	0.047077	Al2O3	Au	Fe	80	diethyl carbonate
104	0.4386	2.46764	-1.50581	0.99548	0.0472061	Al2O3	Au	Fe	100	diethyl carbonate
105	0.8216	3.92234	-1.37905	0.691465	0.0538239	Al2O3	Au	Fe	120	diethyl carbonate
106	0.6323	1.98685	-1.33884	0.850068	0.0435694	Al2O3	Au	Na	80	diethyl carbonate
107	0.4619	2.37625	-1.47016	0.977563	0.0458697	Al2O3	Au	Na	100	diethyl carbonate
108	0.196	2.92165	-1.70615	1.22019	0.05248	Al2O3	Au	Na	120	diethyl carbonate
109	0.1619	1.59453	-1.39495	1.26434	0.0696102	Al2O3	Au	Sn	80	diethyl carbonate
110	0.4515	2.37009	-1.53248	0.985538	0.0503972	Al2O3	Au	Sn	100	diethyl carbonate
111	0.7929	3.80199	-1.38508	0.718863	0.0564143	Al2O3	Au	Sn	120	diethyl carbonate
112	0.171	1.56204	-1.36648	1.25202	0.0681712	Al2O3	Au	W	80	diethyl carbonate
113	0.4671	2.34458	-1.49944	0.973601	0.0487957	Al2O3	Au	W	100	diethyl carbonate
114	0.8146	3.86063	-1.38275	0.698288	0.0560086	Al2O3	Au	W	120	diethyl carbonate
115	0.0559	3.53315	1.36864	1.47754	0.0482585	Al2O3	Rh	-	80	diethyl carbonate
116	0.8188	3.84573	-0.989308	0.694224	0.0545086	Al2O3	Rh	-	100	diethyl carbonate
117	0.0039	4.77357	-2.3091	1.89462	0.101173	Al2O3	Rh	-	120	diethyl carbonate
118	0.0183	3.18129	-0.128862	1.66578	0.0761928	Al2O3	Rh	Bi	80	diethyl carbonate
119	0.715	3.36773	-1.87892	0.785729	0.0833214	Al2O3	Rh	Bi	100	diethyl carbonate
120	0.0026	4.64677	-2.31939	1.9532	0.111806	Al2O3	Rh	Bi	120	diethyl carbonate
121	0.0309	4.02677	2.07217	1.58074	0.062182	Al2O3	Rh	Cr	80	diethyl carbonate
122	0.5804	4.12514	-1.1811	0.888912	0.0641144	Al2O3	Rh	Cr	100	diethyl carbonate
123	0.0006	5.15395	-1.95319	2.1451	0.0974253	Al2O3	Rh	Cr	120	diethyl carbonate
124	0.0461	4.01787	2.19217	1.51189	0.0601173	Al2O3	Rh	Fe	80	diethyl carbonate
125	0.7674	4.38575	-1.04	0.741707	0.0519614	Al2O3	Rh	Fe	100	diethyl carbonate
126	0.0058	4.91715	-2.31781	1.83908	0.0937923	Al2O3	Rh	Fe	120	diethyl carbonate
127	0.0299	4.08669	2.06774	1.58645	0.0621616	Al2O3	Rh	Na	80	diethyl carbonate
128	0.5137	4.10411	-1.40588	0.938534	0.0720113	Al2O3	Rh	Na	100	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
129	0.0002	5.3299	-1.83273	2.28529	0.100537	Al2O3	Rh	Na	120	diethyl carbonate
130	0.0351	3.90129	2.03189	1.55924	0.0613425	Al2O3	Rh	Sn	80	diethyl carbonate
131	0.6611	4.00982	-1.35763	0.828167	0.0674983	Al2O3	Rh	Sn	100	diethyl carbonate
132	0.0011	5.23216	-1.79128	2.07189	0.0951155	Al2O3	Rh	Sn	120	diethyl carbonate
133	0.0413	3.81193	1.3552	1.53113	0.0549266	Al2O3	Rh	W	80	diethyl carbonate
134	0.6218	4.13664	-1.24384	0.858019	0.0621953	Al2O3	Rh	W	100	diethyl carbonate
135	0.0006	4.99295	-2.36591	2.14184	0.1048	Al2O3	Rh	W	120	diethyl carbonate
136	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Bi	80	diethyl carbonate
137	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Bi	100	diethyl carbonate
138	0.7654	-1.45244	-0.116613	0.7435	0.0173305	SiO2	-	Bi	120	diethyl carbonate
139	0.7572	-1.4454	-0.119631	0.750546	0.0174567	SiO2	Au	-	80	diethyl carbonate
140	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	-	100	diethyl carbonate
141	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	-	120	diethyl carbonate
142	0.7076	-1.40508	-0.136935	0.791637	0.0181905	SiO2	Au	Bi	80	diethyl carbonate
143	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Bi	100	diethyl carbonate
144	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	Bi	120	diethyl carbonate
145	0.7572	-1.4454	-0.119631	0.750546	0.0174567	SiO2	Au	Cr	80	diethyl carbonate
146	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Cr	100	diethyl carbonate
147	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	Cr	120	diethyl carbonate
148	0.7076	-1.40508	-0.136935	0.791637	0.0181905	SiO2	Au	Fe	80	diethyl carbonate
149	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Fe	100	diethyl carbonate
150	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	Fe	120	diethyl carbonate
151	0.7076	-1.40508	-0.136935	0.791637	0.0181905	SiO2	Au	Na	80	diethyl carbonate
152	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Na	100	diethyl carbonate
153	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	Na	120	diethyl carbonate
154	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Sn	80	diethyl carbonate
155	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Sn	100	diethyl carbonate
156	0.7186	-1.41366	-0.133253	0.7828	0.0180331	SiO2	Au	Sn	120	diethyl carbonate
157	0.7572	-1.4454	-0.119631	0.750546	0.0174567	SiO2	Au	W	80	diethyl carbonate
158	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	W	100	diethyl carbonate
159	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	W	120	diethyl carbonate
160	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	-	80	diethyl carbonate
161	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	-	100	diethyl carbonate
162	0.0493	0.586351	-0.556145	1.50002	0.0648786	SiO2	Rh	-	120	diethyl carbonate
163	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Bi	80	diethyl carbonate
164	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Bi	100	diethyl carbonate
165	0.0464	-0.187306	-0.540178	1.51089	0.0649796	SiO2	Rh	Bi	120	diethyl carbonate
166	0.8363	-0.886286	-0.266754	0.676564	0.018436	SiO2	Rh	Cr	80	diethyl carbonate
167	0.519	-0.150301	-0.275827	0.934509	0.0170127	SiO2	Rh	Cr	100	diethyl carbonate
168	0.0101	1.89575	-0.696532	1.75809	0.0377813	SiO2	Rh	Cr	120	diethyl carbonate
169	0.5274	-0.667679	-0.324276	0.928314	0.020402	SiO2	Rh	Fe	80	diethyl carbonate
170	0.4879	0.551572	-0.302727	0.957845	0.0225151	SiO2	Rh	Fe	100	diethyl carbonate
171	0.0021	2.50839	-0.740411	1.98005	0.0291152	SiO2	Rh	Fe	120	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
172	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Na	80	diethyl carbonate
173	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Na	100	diethyl carbonate
174	0.0212	1.61107	-0.651957	1.64291	0.036268	SiO2	Rh	Na	120	diethyl carbonate
175	0.9902	-1.50647	-0.0668544	0.374466	0.0131602	SiO2	Rh	Sn	80	diethyl carbonate
176	0.6126	-0.250631	-0.274696	0.8649	0.0172816	SiO2	Rh	Sn	100	diethyl carbonate
177	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Sn	120	diethyl carbonate
178	0.2445	0.13531	-0.266375	1.1658	0.0162282	SiO2	Rh	W	80	diethyl carbonate
179	0.1023	1.02225	-0.28223	1.36192	0.0430153	SiO2	Rh	W	100	diethyl carbonate
180	0.0025	3.3399	0.064353	1.95908	0.0369198	SiO2	Rh	W	120	diethyl carbonate
181	0.0751	0.801002	-1.50336	1.42264	0.0780893	Al2O3	-	Sn	80	diethyl carbonate
182	0.119	1.52727	-1.61427	1.33099	0.0819702	Al2O3	-	Sn	100	diethyl carbonate
183	0.0301	3.12624	-1.31581	1.58551	0.112345	Al2O3	-	Sn	120	diethyl carbonate
184	0.0019	1.19413	5.12894	1.99527	0.161672	Al2O3	Pd	-	80	diethyl carbonate
185	0.0738	4.86529	4.82893	1.42595	0.218255	Al2O3	Pd	-	100	diethyl carbonate
186	0.1062	6.21988	3.71089	1.35444	0.146314	Al2O3	Pd	-	120	diethyl carbonate
187	0.0717	2.57213	2.82601	1.43151	0.0776577	Al2O3	Pd	Bi	80	diethyl carbonate
188	0.3986	2.88799	-0.777449	1.02703	0.0332917	Al2O3	Pd	Bi	100	diethyl carbonate
189	0.0015	5.72515	0.366056	2.02757	0.0531829	Al2O3	Pd	Bi	120	diethyl carbonate
190	0.0014	1.22908	5.18541	2.03929	0.164631	Al2O3	Pd	Cr	80	diethyl carbonate
191	0.4438	5.82314	3.97402	0.991445	0.158104	Al2O3	Pd	Cr	100	diethyl carbonate
192	0.0379	6.16891	3.7218	1.54618	0.139448	Al2O3	Pd	Cr	120	diethyl carbonate
193	0.0013	1.24692	5.19603	2.04763	0.164766	Al2O3	Pd	Fe	80	diethyl carbonate
194	0.1002	5.14922	4.17369	1.36615	0.182237	Al2O3	Pd	Fe	100	diethyl carbonate
195	0.08	6.15444	3.47614	1.41038	0.130965	Al2O3	Pd	Fe	120	diethyl carbonate
196	0.0013	1.22668	5.08937	2.04741	0.161343	Al2O3	Pd	Na	80	diethyl carbonate
197	0.0005	3.95787	5.54966	2.163	0.239588	Al2O3	Pd	Na	100	diethyl carbonate
198	0.0001	5.46706	3.96618	2.40647	0.159378	Al2O3	Pd	Na	120	diethyl carbonate
199	0.0013	1.24545	5.13349	2.04685	0.162332	Al2O3	Pd	Sn	80	diethyl carbonate
200	0.0429	5.1559	4.67171	1.52468	0.201647	Al2O3	Pd	Sn	100	diethyl carbonate
201	0.0064	6.14776	3.5444	1.82439	0.140886	Al2O3	Pd	Sn	120	diethyl carbonate
202	0.0012	1.24688	5.21038	2.05115	0.165476	Al2O3	Pd	W	80	diethyl carbonate
203	0.0339	4.84387	4.73637	1.56538	0.219898	Al2O3	Pd	W	100	diethyl carbonate
204	0.0314	6.28215	3.6819	1.57821	0.145765	Al2O3	Pd	W	120	diethyl carbonate
205	0.026	2.33845	-0.0642038	1.60966	0.0384285	Al2O3	Pt	-	80	diethyl carbonate
206	0.1155	2.86515	-1.93351	1.33718	0.119709	Al2O3	Pt	-	100	diethyl carbonate
207	0.0036	4.57461	-2.36266	1.90561	0.11243	Al2O3	Pt	-	120	diethyl carbonate
208	0.0494	2.08904	-0.240807	1.49965	0.0403188	Al2O3	Pt	Bi	80	diethyl carbonate
209	0.0767	2.06794	-1.60519	1.41869	0.078677	Al2O3	Pt	Bi	100	diethyl carbonate
210	0.0195	4.4518	-2.3077	1.656	0.107281	Al2O3	Pt	Bi	120	diethyl carbonate
211	0.0136	2.4137	0.263375	1.71266	0.0308383	Al2O3	Pt	Cr	80	diethyl carbonate
212	0.1206	2.83073	-1.90183	1.32823	0.118112	Al2O3	Pt	Cr	100	diethyl carbonate
213	0.0028	4.69232	-2.3927	1.94286	0.112937	Al2O3	Pt	Cr	120	diethyl carbonate
214	0.0656	2.02777	-0.345639	1.44804	0.0414423	Al2O3	Pt	Fe	80	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
215	0.4556	2.498	-1.58747	0.982411	0.0541119	Al2O3	Pt	Fe	100	diethyl carbonate
216	0.0407	4.4305	-2.28606	1.53366	0.101469	Al2O3	Pt	Fe	120	diethyl carbonate
217	0.0148	2.44387	0.175597	1.69925	0.0334068	Al2O3	Pt	Na	80	diethyl carbonate
218	0.1202	2.78834	-1.90269	1.32888	0.118382	Al2O3	Pt	Na	100	diethyl carbonate
219	0.0014	4.80478	-2.44083	2.03729	0.117542	Al2O3	Pt	Na	120	diethyl carbonate
220	0.0422	2.18798	-0.217263	1.52762	0.0410697	Al2O3	Pt	Sn	80	diethyl carbonate
221	0.45	2.60917	-1.64017	0.986649	0.0540849	Al2O3	Pt	Sn	100	diethyl carbonate
222	0.008	4.50368	-2.32366	1.79157	0.10612	Al2O3	Pt	Sn	120	diethyl carbonate
223	0.0226	2.29228	0.107856	1.6325	0.0336679	Al2O3	Pt	W	80	diethyl carbonate
224	0.1877	2.67559	-1.84989	1.23041	0.111499	Al2O3	Pt	W	100	diethyl carbonate
225	0.0049	4.62498	-2.37433	1.86408	0.11266	Al2O3	Pt	W	120	diethyl carbonate
226	0.3234	0.694467	-1.06563	1.09029	0.0367775	Al2O3	-	-	80	diethyl carbonate
227	0.0924	1.38792	-1.43668	1.38235	0.0488242	Al2O3	-	-	100	diethyl carbonate
228	0.111	2.56819	-1.61128	1.34543	0.051993	Al2O3	-	-	120	diethyl carbonate
229	0.3927	0.417647	-0.860943	1.03181	0.0328718	Al2O3	Cu	-	80	diethyl carbonate
230	0.1489	1.12019	-1.2785	1.2829	0.0440732	Al2O3	Cu	-	100	diethyl carbonate
231	0.128	2.32927	-1.54725	1.31566	0.0506281	Al2O3	Cu	-	120	diethyl carbonate
232	0.1977	-0.0281941	-0.643605	1.21813	0.0312125	Al2O3	Cu	Bi	80	diethyl carbonate
233	0.4147	1.86861	-1.17877	1.01419	0.0383573	Al2O3	Cu	Bi	100	diethyl carbonate
234	0.1878	2.47225	-1.52542	1.23026	0.0490434	Al2O3	Cu	Bi	120	diethyl carbonate
235	0.2957	0.569511	-0.952594	1.11544	0.0352237	Al2O3	Cu	Cr	80	diethyl carbonate
236	0.1325	1.21056	-1.33406	1.30825	0.045616	Al2O3	Cu	Cr	100	diethyl carbonate
237	0.1333	2.50204	-1.61749	1.30703	0.0521393	Al2O3	Cu	Cr	120	diethyl carbonate
238	0.2957	0.569511	-0.952594	1.11544	0.0352237	Al2O3	Cu	Fe	80	diethyl carbonate
239	0.1362	1.23175	-1.36076	1.30242	0.0461774	Al2O3	Cu	Fe	100	diethyl carbonate
240	0.1295	2.60126	-1.6337	1.31308	0.0524553	Al2O3	Cu	Fe	120	diethyl carbonate
241	0.1182	0.135532	-0.761502	1.33228	0.0338628	Al2O3	Cu	Na	80	diethyl carbonate
242	0.1398	1.20114	-1.33925	1.29668	0.0455817	Al2O3	Cu	Na	100	diethyl carbonate
243	0.1392	2.40581	-1.57198	1.2976	0.0511041	Al2O3	Cu	Na	120	diethyl carbonate
244	0.2591	0.686286	-0.991563	1.15083	0.0371655	Al2O3	Cu	Sn	80	diethyl carbonate
245	0.0967	1.2928	-1.3424	1.37338	0.0467694	Al2O3	Cu	Sn	100	diethyl carbonate
246	0.0943	2.5466	-1.59467	1.37827	0.0527081	Al2O3	Cu	Sn	120	diethyl carbonate
247	0.1372	0.0759541	-0.716111	1.3008	0.0335962	Al2O3	Cu	W	80	diethyl carbonate
248	0.1334	1.21402	-1.3308	1.30677	0.0455387	Al2O3	Cu	W	100	diethyl carbonate
249	0.1217	2.52475	-1.6031	1.32627	0.0522712	Al2O3	Cu	W	120	diethyl carbonate
250	0.2196	0.752728	-1.03931	1.19275	0.0384683	Al2O3	Ni	-	80	diethyl carbonate
251	0.0764	1.3674	-1.38417	1.41929	0.0482612	Al2O3	Ni	-	100	diethyl carbonate
252	0.1045	2.54884	-1.60543	1.35777	0.0528175	Al2O3	Ni	-	120	diethyl carbonate
253	0.1105	0.132588	-0.744152	1.34622	0.0348718	Al2O3	Ni	Bi	80	diethyl carbonate
254	0.1486	1.04382	-1.21088	1.28334	0.0429445	Al2O3	Ni	Bi	100	diethyl carbonate
255	0.0247	1.70593	-1.54246	1.61774	0.0542332	Al2O3	Ni	Bi	120	diethyl carbonate
256	0.154	-0.0726235	-0.558203	1.27549	0.0368698	Al2O3	Ni	Cr	80	diethyl carbonate
257	0.168	0.89056	-1.10674	1.25598	0.0410398	Al2O3	Ni	Cr	100	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
258	0.0455	1.45723	-1.41574	1.51443	0.050287	Al2O3	Ni	Cr	120	diethyl carbonate
259	0.2887	0.572603	-0.930929	1.12195	0.0361126	Al2O3	Ni	Fe	80	diethyl carbonate
260	0.1288	1.15226	-1.27199	1.31432	0.0445192	Al2O3	Ni	Fe	100	diethyl carbonate
261	0.1488	2.28156	-1.50197	1.28318	0.0496116	Al2O3	Ni	Fe	120	diethyl carbonate
262	0.2139	0.724165	-1.00228	1.19917	0.0385383	Al2O3	Ni	Na	80	diethyl carbonate
263	0.1173	1.16479	-1.27629	1.33392	0.0449072	Al2O3	Ni	Na	100	diethyl carbonate
264	0.0717	2.47514	-1.54073	1.43149	0.0528364	Al2O3	Ni	Na	120	diethyl carbonate
265	0.232	0.780743	-1.08177	1.17914	0.0386487	Al2O3	Ni	Sn	80	diethyl carbonate
266	0.0926	1.27539	-1.35372	1.38182	0.0469776	Al2O3	Ni	Sn	100	diethyl carbonate
267	0.112	2.5897	-1.63147	1.34346	0.0526966	Al2O3	Ni	Sn	120	diethyl carbonate
268	0.2519	0.702039	-1.02247	1.15811	0.0375395	Al2O3	Ni	W	80	diethyl carbonate
269	0.1059	1.18499	-1.28552	1.35506	0.0453807	Al2O3	Ni	W	100	diethyl carbonate
270	0.1795	2.25177	-1.50384	1.24086	0.0486406	Al2O3	Ni	W	120	diethyl carbonate
271	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Sn	80	diethyl carbonate
272	0.7076	-1.40508	-0.136935	0.791637	0.0181905	SiO2	-	Sn	100	diethyl carbonate
273	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Sn	120	diethyl carbonate
274	0.0097	1.87004	0.910458	1.76416	0.0210225	SiO2	Pd	-	80	diethyl carbonate
275	0.0234	2.93192	1.00748	1.62705	0.0536693	SiO2	Pd	-	100	diethyl carbonate
276	0.0398	2.71633	0.952564	1.53786	0.0568305	SiO2	Pd	-	120	diethyl carbonate
277	0.4271	0.673777	-0.356777	1.00444	0.0224924	SiO2	Pd	Bi	80	diethyl carbonate
278	0.2062	0.994567	-0.368207	1.20805	0.0397084	SiO2	Pd	Bi	100	diethyl carbonate
279	0.0667	1.23699	-0.372771	1.44486	0.0534825	SiO2	Pd	Bi	120	diethyl carbonate
280	0.0131	1.78896	0.851604	1.71856	0.0199702	SiO2	Pd	Cr	80	diethyl carbonate
281	0.032	2.76689	1.00171	1.57513	0.0518373	SiO2	Pd	Cr	100	diethyl carbonate
282	0.0489	2.56186	0.980632	1.50163	0.0536801	SiO2	Pd	Cr	120	diethyl carbonate
283	0.0155	1.59387	0.948948	1.69225	0.0213101	SiO2	Pd	Fe	80	diethyl carbonate
284	0.0401	2.55705	1.03533	1.53632	0.0501882	SiO2	Pd	Fe	100	diethyl carbonate
285	0.0589	1.8628	1.20916	1.46795	0.060741	SiO2	Pd	Fe	120	diethyl carbonate
286	0.0204	1.62895	0.831004	1.64911	0.0197301	SiO2	Pd	Na	80	diethyl carbonate
287	0.0528	2.5029	0.919676	1.4878	0.0466035	SiO2	Pd	Na	100	diethyl carbonate
288	0.128	1.60553	0.950733	1.3156	0.0576373	SiO2	Pd	Na	120	diethyl carbonate
289	0.0058	3.83402	0.540087	1.83806	0.077069	SiO2	Pd	Sn	80	diethyl carbonate
290	0.0002	4.12696	1.01783	2.25449	0.107994	SiO2	Pd	Sn	100	diethyl carbonate
291	0	3.51294	1.4479	2.5011	0.128072	SiO2	Pd	Sn	120	diethyl carbonate
292	0.0375	2.76583	0.904168	1.54795	0.0447036	SiO2	Pd	W	80	diethyl carbonate
293	0.015	3.09389	1.10705	1.69756	0.0638904	SiO2	Pd	W	100	diethyl carbonate
294	0.0225	3.01221	0.973828	1.63284	0.0634731	SiO2	Pd	W	120	diethyl carbonate
295	0.7363	-0.783621	-0.299994	0.768264	0.019633	SiO2	Pt	-	80	diethyl carbonate
296	0.5635	-0.200816	-0.28189	0.901497	0.0173445	SiO2	Pt	-	100	diethyl carbonate
297	0.2927	0.113012	-0.29771	1.11818	0.0174532	SiO2	Pt	-	120	diethyl carbonate
298	0.9902	-1.50647	-0.0668544	0.374466	0.0131602	SiO2	Pt	Bi	80	diethyl carbonate
299	0.6106	-0.693819	-0.324091	0.866415	0.0204493	SiO2	Pt	Bi	100	diethyl carbonate
300	0.2709	0.139641	-0.313687	1.13913	0.0181085	SiO2	Pt	Bi	120	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
301	0.2064	0.0327035	-0.372301	1.20785	0.0212719	SiO2	Pt	Cr	80	diethyl carbonate
302	0.1226	0.386933	-0.357094	1.32474	0.0197614	SiO2	Pt	Cr	100	diethyl carbonate
303	0.2895	1.76464	-0.860221	1.12127	0.0296889	SiO2	Pt	Cr	120	diethyl carbonate
304	0.3986	-0.56752	-0.356857	1.02707	0.0217229	SiO2	Pt	Fe	80	diethyl carbonate
305	0.2785	0.147069	-0.320161	1.13174	0.0183158	SiO2	Pt	Fe	100	diethyl carbonate
306	0.3383	1.59758	-0.766489	1.07722	0.0321445	SiO2	Pt	Fe	120	diethyl carbonate
307	0.7317	-0.779959	-0.300957	0.772053	0.019663	SiO2	Pt	Na	80	diethyl carbonate
308	0.5493	-0.170607	-0.295365	0.912013	0.0178599	SiO2	Pt	Na	100	diethyl carbonate
309	0.3016	0.101006	-0.294551	1.10997	0.017339	SiO2	Pt	Na	120	diethyl carbonate
310	0.2187	0.88092	-0.380573	1.19379	0.0305529	SiO2	Pt	Sn	80	diethyl carbonate
311	0.0699	2.23516	-0.895068	1.4363	0.0489331	SiO2	Pt	Sn	100	diethyl carbonate
312	0.0115	2.82483	-1.03101	1.73762	0.0616513	SiO2	Pt	Sn	120	diethyl carbonate
313	0.6912	-0.749354	-0.309011	0.804728	0.0199215	SiO2	Pt	W	80	diethyl carbonate
314	0.4323	-0.0654107	-0.26994	1.00041	0.0166372	SiO2	Pt	W	100	diethyl carbonate
315	0.2653	0.838087	-0.318703	1.14466	0.0278009	SiO2	Pt	W	120	diethyl carbonate
316	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	80	diethyl carbonate
317	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	100	diethyl carbonate
318	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	120	diethyl carbonate
319	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	80	diethyl carbonate
320	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	100	diethyl carbonate
321	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	120	diethyl carbonate
322	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	80	diethyl carbonate
323	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	100	diethyl carbonate
324	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	120	diethyl carbonate
325	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	80	diethyl carbonate
326	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	100	diethyl carbonate
327	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	120	diethyl carbonate
328	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	80	diethyl carbonate
329	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	100	diethyl carbonate
330	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	120	diethyl carbonate
331	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	80	diethyl carbonate
332	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	100	diethyl carbonate
333	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	120	diethyl carbonate
334	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	80	diethyl carbonate
335	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	100	diethyl carbonate
336	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	120	diethyl carbonate
337	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	80	diethyl carbonate
338	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	100	diethyl carbonate
339	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	120	diethyl carbonate
340	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	-	80	diethyl carbonate
341	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	-	100	diethyl carbonate
342	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	-	120	diethyl carbonate
343	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Bi	80	diethyl carbonate

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
344	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Bi	100	diethyl carbonate
345	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Bi	120	diethyl carbonate
346	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	80	diethyl carbonate
347	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	100	diethyl carbonate
348	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	120	diethyl carbonate
349	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Fe	80	diethyl carbonate
350	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Fe	100	diethyl carbonate
351	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Fe	120	diethyl carbonate
352	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Na	80	diethyl carbonate
353	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Na	100	diethyl carbonate
354	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Na	120	diethyl carbonate
355	0.95	-1.40871	-0.0493838	0.516671	0.0108735	SiO2	Ni	Sn	80	diethyl carbonate
356	0.9574	-1.42073	-0.0462233	0.499519	0.0107689	SiO2	Ni	Sn	100	diethyl carbonate
357	0.9933	-1.5352	-0.0161008	0.348323	0.00998637	SiO2	Ni	Sn	120	diethyl carbonate
358	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	80	diethyl carbonate
359	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	100	diethyl carbonate
360	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	120	diethyl carbonate
361	0.9547	-1.18593	-0.142947	0.506016	0.0136008	Al2O3	-	Fe	80	1,4-dioxane
362	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	-	Fe	100	1,4-dioxane
363	0.9314	-0.856961	-0.128637	0.552675	0.0208347	Al2O3	-	Fe	120	1,4-dioxane
364	0.2172	0.338522	0.184684	1.19541	0.0266071	Al2O3	Ir	-	80	1,4-dioxane
365	0.2899	-0.205863	-0.317917	1.12087	0.0242296	Al2O3	Ir	-	100	1,4-dioxane
366	0.6792	-0.344803	-0.299773	0.814126	0.0209802	Al2O3	Ir	-	120	1,4-dioxane
367	0.1686	-0.17691	-0.330255	1.25512	0.0233246	Al2O3	Ir	Bi	80	1,4-dioxane
368	0.2981	-0.147181	-0.343881	1.11316	0.0238235	Al2O3	Ir	Bi	100	1,4-dioxane
369	0.4515	-0.199048	-0.338126	0.985544	0.0224632	Al2O3	Ir	Bi	120	1,4-dioxane
370	0.2324	0.524339	0.159935	1.17865	0.026022	Al2O3	Ir	Cr	80	1,4-dioxane
371	0.2442	-0.109029	-0.35392	1.16607	0.0242823	Al2O3	Ir	Cr	100	1,4-dioxane
372	0.5248	0.0557028	-0.308595	0.930255	0.0226351	Al2O3	Ir	Cr	120	1,4-dioxane
373	0.222	0.0878243	-0.31666	1.1901	0.0230559	Al2O3	Ir	Fe	80	1,4-dioxane
374	0.3235	-0.22791	-0.312116	1.09013	0.0239762	Al2O3	Ir	Fe	100	1,4-dioxane
375	0.568	-0.311633	-0.300608	0.898116	0.0220158	Al2O3	Ir	Fe	120	1,4-dioxane
376	0.1729	-0.180704	-0.329257	1.24946	0.0232732	Al2O3	Ir	Na	80	1,4-dioxane
377	0.3194	-0.225273	-0.31281	1.09379	0.0240062	Al2O3	Ir	Na	100	1,4-dioxane
378	0.607	-0.335616	-0.294297	0.869121	0.0217779	Al2O3	Ir	Na	120	1,4-dioxane
379	0.2272	0.158585	-0.3464	1.18428	0.0226879	Al2O3	Ir	Sn	80	1,4-dioxane
380	0.325	-0.164921	-0.339213	1.08888	0.0236148	Al2O3	Ir	Sn	100	1,4-dioxane
381	0.6329	0.0382949	-0.311908	0.84963	0.0216285	Al2O3	Ir	Sn	120	1,4-dioxane
382	0.2214	0.455434	0.189187	1.19068	0.0268468	Al2O3	Ir	W	80	1,4-dioxane
383	0.2365	-0.168022	-0.327875	1.17429	0.0246751	Al2O3	Ir	W	100	1,4-dioxane
384	0.7949	0.0272127	-0.26621	0.717002	0.0202504	Al2O3	Ir	W	120	1,4-dioxane
385	0.7013	-0.467354	0.30061	0.796711	0.0178319	Al2O3	Ru	-	80	1,4-dioxane
386	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	-	100	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
387	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	-	120	1,4-dioxane
388	0.8152	-0.955523	-0.0756352	0.697682	0.0212889	Al2O3	Ru	Bi	80	1,4-dioxane
389	0.8895	-1.09498	-0.0287925	0.615255	0.0236543	Al2O3	Ru	Bi	100	1,4-dioxane
390	0.9342	-0.872241	-0.124617	0.547791	0.0207811	Al2O3	Ru	Bi	120	1,4-dioxane
391	0.7994	-0.941654	-0.0792848	0.71282	0.0213727	Al2O3	Ru	Cr	80	1,4-dioxane
392	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Cr	100	1,4-dioxane
393	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Cr	120	1,4-dioxane
394	0.8175	-0.677386	-0.183763	0.69548	0.0193356	Al2O3	Ru	Fe	80	1,4-dioxane
395	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Fe	100	1,4-dioxane
396	0.3872	-0.469515	-0.237737	1.03626	0.0167443	Al2O3	Ru	Fe	120	1,4-dioxane
397	0.693	-0.389485	0.307792	0.80329	0.025983	Al2O3	Ru	Na	80	1,4-dioxane
398	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Na	100	1,4-dioxane
399	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Na	120	1,4-dioxane
400	0.7316	-0.616012	-0.199912	0.772162	0.0198759	Al2O3	Ru	Sn	80	1,4-dioxane
401	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	Sn	100	1,4-dioxane
402	0.8733	-0.621053	-0.208667	0.635397	0.0204272	Al2O3	Ru	Sn	120	1,4-dioxane
403	0.823	-0.681899	-0.182575	0.69007	0.019298	Al2O3	Ru	W	80	1,4-dioxane
404	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ru	W	100	1,4-dioxane
405	0.2104	-0.0780226	-0.399368	1.2032	0.0246161	Al2O3	Ru	W	120	1,4-dioxane
406	0.9139	-1.24862	0.00925471	0.581256	0.0226976	SiO2	-	Fe	80	1,4-dioxane
407	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Fe	100	1,4-dioxane
408	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Fe	120	1,4-dioxane
409	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	-	80	1,4-dioxane
410	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	-	100	1,4-dioxane
411	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	-	120	1,4-dioxane
412	0.7621	-1.03097	-0.0259645	0.746365	0.0298015	SiO2	Ir	Bi	80	1,4-dioxane
413	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Bi	100	1,4-dioxane
414	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Bi	120	1,4-dioxane
415	0.8659	-1.02794	-0.0488124	0.644153	0.0231566	SiO2	Ir	Cr	80	1,4-dioxane
416	0.8279	-0.97661	-0.0623195	0.685151	0.0233723	SiO2	Ir	Cr	100	1,4-dioxane
417	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Cr	120	1,4-dioxane
418	0.8019	-0.948796	-0.0696383	0.710443	0.0235056	SiO2	Ir	Fe	80	1,4-dioxane
419	0.8074	-0.954363	-0.0681736	0.705224	0.023478	SiO2	Ir	Fe	100	1,4-dioxane
420	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Fe	120	1,4-dioxane
421	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Na	80	1,4-dioxane
422	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Na	100	1,4-dioxane
423	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Na	120	1,4-dioxane
424	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Sn	80	1,4-dioxane
425	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Sn	100	1,4-dioxane
426	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	Sn	120	1,4-dioxane
427	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	W	80	1,4-dioxane
428	0.8024	-0.949293	-0.0695074	0.709973	0.0235031	SiO2	Ir	W	100	1,4-dioxane
429	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ir	W	120	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
430	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	-	80	1,4-dioxane
431	0.7543	-1.504	0.0764531	0.753054	0.023143	SiO2	Ru	-	100	1,4-dioxane
432	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	-	120	1,4-dioxane
433	0.9032	-1.29921	0.0225674	0.59677	0.0227027	SiO2	Ru	Bi	80	1,4-dioxane
434	0.7543	-1.504	0.0764531	0.753054	0.023143	SiO2	Ru	Bi	100	1,4-dioxane
435	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Bi	120	1,4-dioxane
436	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Cr	80	1,4-dioxane
437	0.9032	-1.29921	0.0225674	0.59677	0.0227027	SiO2	Ru	Cr	100	1,4-dioxane
438	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Cr	120	1,4-dioxane
439	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Fe	80	1,4-dioxane
440	0.9164	-1.19149	-0.00577752	0.577356	0.0227418	SiO2	Ru	Fe	100	1,4-dioxane
441	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Fe	120	1,4-dioxane
442	0.7543	-1.504	0.0764531	0.753054	0.023143	SiO2	Ru	Na	80	1,4-dioxane
443	0.7543	-1.504	0.0764531	0.753054	0.023143	SiO2	Ru	Na	100	1,4-dioxane
444	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Na	120	1,4-dioxane
445	0.7573	-1.01537	-0.0300693	0.750474	0.0298317	SiO2	Ru	Sn	80	1,4-dioxane
446	0.8796	-1.05205	-0.0424682	0.627773	0.0230691	SiO2	Ru	Sn	100	1,4-dioxane
447	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	Sn	120	1,4-dioxane
448	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ru	W	80	1,4-dioxane
449	0.7543	-1.504	0.0764531	0.753054	0.023143	SiO2	Ru	W	100	1,4-dioxane
450	0.8804	-1.26903	0.0192919	0.626802	0.0241713	SiO2	Ru	W	120	1,4-dioxane
451	0.9316	-0.738834	-0.179934	0.552323	0.0186427	Al2O3	-	Bi	80	1,4-dioxane
452	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	-	Bi	100	1,4-dioxane
453	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	-	Bi	120	1,4-dioxane
454	0.9551	-0.844931	-0.165371	0.505114	0.011998	Al2O3	Au	-	80	1,4-dioxane
455	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	-	100	1,4-dioxane
456	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	-	120	1,4-dioxane
457	0.7774	-0.924069	-0.0786227	0.732841	0.022939	Al2O3	Au	Bi	80	1,4-dioxane
458	0.9474	-0.94094	-0.108919	0.522128	0.0198664	Al2O3	Au	Bi	100	1,4-dioxane
459	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Bi	120	1,4-dioxane
460	0.911	-0.685472	-0.193975	0.585503	0.0189455	Al2O3	Au	Cr	80	1,4-dioxane
461	0.9301	-0.826846	-0.13894	0.555057	0.0202611	Al2O3	Au	Cr	100	1,4-dioxane
462	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Cr	120	1,4-dioxane
463	0.9599	-0.853981	-0.16299	0.493508	0.0119009	Al2O3	Au	Fe	80	1,4-dioxane
464	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Fe	100	1,4-dioxane
465	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Fe	120	1,4-dioxane
466	0.8432	-0.989431	-0.0614238	0.669308	0.0225997	Al2O3	Au	Na	80	1,4-dioxane
467	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Na	100	1,4-dioxane
468	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Na	120	1,4-dioxane
469	0.9766	-0.819199	-0.187499	0.442591	0.0108275	Al2O3	Au	Sn	80	1,4-dioxane
470	0.9301	-0.826846	-0.13894	0.555057	0.0202611	Al2O3	Au	Sn	100	1,4-dioxane
471	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	Sn	120	1,4-dioxane
472	0.9525	-0.840384	-0.166568	0.511004	0.0120473	Al2O3	Au	W	80	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
473	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	W	100	1,4-dioxane
474	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Au	W	120	1,4-dioxane
475	0.0695	1.19017	0.841095	1.43721	0.0292114	Al2O3	Rh	-	80	1,4-dioxane
476	0.4894	-0.207683	-0.346225	0.956742	0.0161714	Al2O3	Rh	-	100	1,4-dioxane
477	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	-	120	1,4-dioxane
478	0.0548	0.649561	0.653052	1.48119	0.0241243	Al2O3	Rh	Bi	80	1,4-dioxane
479	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Bi	100	1,4-dioxane
480	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Bi	120	1,4-dioxane
481	0.0528	1.34919	0.590534	1.48799	0.0283401	Al2O3	Rh	Cr	80	1,4-dioxane
482	0.6137	-0.417373	-0.291049	0.864039	0.0133143	Al2O3	Rh	Cr	100	1,4-dioxane
483	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Cr	120	1,4-dioxane
484	0.0534	1.40049	0.836407	1.48575	0.0286837	Al2O3	Rh	Fe	80	1,4-dioxane
485	0.2091	0.77652	-0.48741	1.20474	0.0276764	Al2O3	Rh	Fe	100	1,4-dioxane
486	0.0053	2.27226	-0.119278	1.85228	0.0398628	Al2O3	Rh	Fe	120	1,4-dioxane
487	0.0772	1.16392	0.818782	1.41746	0.0287907	Al2O3	Rh	Na	80	1,4-dioxane
488	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Na	100	1,4-dioxane
489	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Na	120	1,4-dioxane
490	0.0787	1.1665	0.768404	1.41367	0.0280015	Al2O3	Rh	Sn	80	1,4-dioxane
491	0.593	-0.353527	-0.307849	0.879527	0.0141242	Al2O3	Rh	Sn	100	1,4-dioxane
492	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Rh	Sn	120	1,4-dioxane
493	0.0651	1.2892	0.528095	1.44954	0.0277748	Al2O3	Rh	W	80	1,4-dioxane
494	0.1185	0.570169	-0.455347	1.33187	0.032761	Al2O3	Rh	W	100	1,4-dioxane
495	0.0006	2.03726	-0.329408	2.1547	0.0554617	Al2O3	Rh	W	120	1,4-dioxane
496	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Bi	80	1,4-dioxane
497	0.9139	-1.31521	0.0243002	0.581141	0.0219243	SiO2	-	Bi	100	1,4-dioxane
498	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	-	Bi	120	1,4-dioxane
499	0.9243	-1.267	0.0116142	0.564792	0.0219133	SiO2	Au	-	80	1,4-dioxane
500	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	-	100	1,4-dioxane
501	0.9241	-1.33189	0.0261033	0.565092	0.0211134	SiO2	Au	-	120	1,4-dioxane
502	0.9243	-1.267	0.0116142	0.564792	0.0219133	SiO2	Au	Bi	80	1,4-dioxane
503	0.772	-1.51439	0.076711	0.737692	0.0223783	SiO2	Au	Bi	100	1,4-dioxane
504	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	Au	Bi	120	1,4-dioxane
505	0.9243	-1.267	0.0116142	0.564792	0.0219133	SiO2	Au	Cr	80	1,4-dioxane
506	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Cr	100	1,4-dioxane
507	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	Au	Cr	120	1,4-dioxane
508	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Fe	80	1,4-dioxane
509	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Fe	100	1,4-dioxane
510	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	Au	Fe	120	1,4-dioxane
511	0.9139	-1.31521	0.0243002	0.581141	0.0219243	SiO2	Au	Na	80	1,4-dioxane
512	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Na	100	1,4-dioxane
513	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	Au	Na	120	1,4-dioxane
514	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Sn	80	1,4-dioxane
515	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	Sn	100	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
516	0.6343	-1.44129	0.0748978	0.848576	0.0277794	SiO2	Au	Sn	120	1,4-dioxane
517	0.9139	-1.31521	0.0243002	0.581141	0.0219243	SiO2	Au	W	80	1,4-dioxane
518	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Au	W	100	1,4-dioxane
519	0.7896	-1.52524	0.0769801	0.721831	0.0215822	SiO2	Au	W	120	1,4-dioxane
520	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	-	80	1,4-dioxane
521	0.784	-0.278257	-0.138955	0.726973	0.0265548	SiO2	Rh	-	100	1,4-dioxane
522	0.3801	0.748703	-0.362103	1.04202	0.019363	SiO2	Rh	-	120	1,4-dioxane
523	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Rh	Bi	80	1,4-dioxane
524	0.9172	-1.13064	-0.0242683	0.576128	0.0220934	SiO2	Rh	Bi	100	1,4-dioxane
525	0.2281	-0.480917	-0.258837	1.18334	0.0228069	SiO2	Rh	Bi	120	1,4-dioxane
526	0.7457	-0.898382	-0.0853819	0.760388	0.0230897	SiO2	Rh	Cr	80	1,4-dioxane
527	0.7428	-0.504502	-0.241595	0.762838	0.0203261	SiO2	Rh	Cr	100	1,4-dioxane
528	0.0517	0.850256	-0.498865	1.49161	0.0341623	SiO2	Rh	Cr	120	1,4-dioxane
529	0.4405	-0.257369	-0.317899	0.993986	0.0217692	SiO2	Rh	Fe	80	1,4-dioxane
530	0.423	0.117933	-0.340966	1.00765	0.0219371	SiO2	Rh	Fe	100	1,4-dioxane
531	0.0302	1.10369	-0.5313	1.58451	0.0358032	SiO2	Rh	Fe	120	1,4-dioxane
532	0.7623	-0.979122	-0.0430542	0.746168	0.0288684	SiO2	Rh	Na	80	1,4-dioxane
533	0.818	-0.961697	-0.0687216	0.69501	0.0227359	SiO2	Rh	Na	100	1,4-dioxane
534	0.2515	0.0531484	-0.450554	1.15856	0.0251677	SiO2	Rh	Na	120	1,4-dioxane
535	0.6782	-0.871232	-0.0714437	0.814921	0.0292353	SiO2	Rh	Sn	80	1,4-dioxane
536	0.6357	-0.549669	-0.0746038	0.847463	0.0295233	SiO2	Rh	Sn	100	1,4-dioxane
537	0.2557	0.776069	-0.439316	1.15431	0.0210782	SiO2	Rh	Sn	120	1,4-dioxane
538	0.4608	0.161678	-0.153005	0.97843	0.0280124	SiO2	Rh	W	80	1,4-dioxane
539	0.1732	0.688143	-0.210611	1.24899	0.0321712	SiO2	Rh	W	100	1,4-dioxane
540	0.0255	2.28529	-0.0376497	1.61261	0.0272882	SiO2	Rh	W	120	1,4-dioxane
541	0.8501	-0.993128	-0.063037	0.661861	0.0218422	Al2O3	-	Sn	80	1,4-dioxane
542	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	-	Sn	100	1,4-dioxane
543	0.9348	-1.17788	-0.0144234	0.546609	0.021202	Al2O3	-	Sn	120	1,4-dioxane
544	0.7112	1.48069	4.99182	0.788784	0.174102	Al2O3	Pd	-	80	1,4-dioxane
545	0.3646	1.57037	2.22589	1.05485	0.0777887	Al2O3	Pd	-	100	1,4-dioxane
546	0.3379	3.32617	3.34546	1.07752	0.113816	Al2O3	Pd	-	120	1,4-dioxane
547	0.3371	1.59497	3.01381	1.07823	0.105425	Al2O3	Pd	Bi	80	1,4-dioxane
548	0.3215	0.931989	0.756869	1.09192	0.0374231	Al2O3	Pd	Bi	100	1,4-dioxane
549	0.1129	1.16077	1.04752	1.34184	0.0450314	Al2O3	Pd	Bi	120	1,4-dioxane
550	0.6804	1.49835	5.09508	0.813184	0.178369	Al2O3	Pd	Cr	80	1,4-dioxane
551	0.2643	2.29535	2.94869	1.14564	0.109081	Al2O3	Pd	Cr	100	1,4-dioxane
552	0.3829	3.51892	3.32477	1.03973	0.115334	Al2O3	Pd	Cr	120	1,4-dioxane
553	0.9409	2.1278	4.86734	0.535147	0.175802	Al2O3	Pd	Fe	80	1,4-dioxane
554	0.3295	1.97498	2.53998	1.08488	0.0951752	Al2O3	Pd	Fe	100	1,4-dioxane
555	0.3007	3.31273	3.20479	1.11082	0.107988	Al2O3	Pd	Fe	120	1,4-dioxane
556	0.8359	1.75792	5.0484	0.6769	0.17748	Al2O3	Pd	Na	80	1,4-dioxane
557	0.3355	2.19842	2.90533	1.07966	0.107888	Al2O3	Pd	Na	100	1,4-dioxane
558	0.3925	3.5734	3.4418	1.03198	0.119258	Al2O3	Pd	Na	120	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
559	0.8472	1.71119	4.93239	0.664995	0.172877	Al2O3	Pd	Sn	80	1,4-dioxane
560	0.2886	2.13116	2.53666	1.12204	0.100386	Al2O3	Pd	Sn	100	1,4-dioxane
561	0.2097	3.61551	3.14941	1.20406	0.108373	Al2O3	Pd	Sn	120	1,4-dioxane
562	0.898	2.12405	5.10842	0.604001	0.181068	Al2O3	Pd	W	80	1,4-dioxane
563	0.3552	2.50175	3.24343	1.06277	0.12494	Al2O3	Pd	W	100	1,4-dioxane
564	0.4614	3.74389	3.61466	0.977913	0.127514	Al2O3	Pd	W	120	1,4-dioxane
565	0.3098	0.723185	0.327732	1.10249	0.0193846	Al2O3	Pt	-	80	1,4-dioxane
566	0.2071	-0.129862	0.0580222	1.207	0.016081	Al2O3	Pt	-	100	1,4-dioxane
567	0.0826	0.699126	-0.521775	1.4042	0.0380962	Al2O3	Pt	-	120	1,4-dioxane
568	0.1481	1.03034	0.637506	1.28421	0.028405	Al2O3	Pt	Bi	80	1,4-dioxane
569	0.5232	-0.296289	0.143402	0.931389	0.0256685	Al2O3	Pt	Bi	100	1,4-dioxane
570	0.2983	0.389096	-0.455697	1.113	0.0258678	Al2O3	Pt	Bi	120	1,4-dioxane
571	0.4068	0.872255	0.261559	1.02047	0.0167978	Al2O3	Pt	Cr	80	1,4-dioxane
572	0.701	-0.573914	-0.207973	0.796948	0.0212909	Al2O3	Pt	Cr	100	1,4-dioxane
573	0.1675	0.456032	-0.486067	1.25671	0.0320833	Al2O3	Pt	Cr	120	1,4-dioxane
574	0.3132	0.720177	0.328523	1.09934	0.0193704	Al2O3	Pt	Fe	80	1,4-dioxane
575	0.4566	-0.00302461	0.0218717	0.981615	0.0137556	Al2O3	Pt	Fe	100	1,4-dioxane
576	0.0809	0.709521	-0.52451	1.40843	0.0381843	Al2O3	Pt	Fe	120	1,4-dioxane
577	0.43	0.69881	0.268486	1.00218	0.0159788	Al2O3	Pt	Na	80	1,4-dioxane
578	0.3958	-0.107414	-0.354005	1.02926	0.0159513	Al2O3	Pt	Na	100	1,4-dioxane
579	0.122	0.152004	-0.489323	1.32566	0.0317993	Al2O3	Pt	Na	120	1,4-dioxane
580	0.5116	-0.319654	0.123316	0.940075	0.0247947	Al2O3	Pt	Sn	80	1,4-dioxane
581	0.4443	0.00943914	0.0185921	0.991051	0.0138793	Al2O3	Pt	Sn	100	1,4-dioxane
582	0.1704	0.600092	-0.485263	1.2527	0.0322868	Al2O3	Pt	Sn	120	1,4-dioxane
583	0.5178	0.734767	0.0845247	0.935409	0.0148584	Al2O3	Pt	W	80	1,4-dioxane
584	0.2895	-0.28506	-0.34665	1.12125	0.0225304	Al2O3	Pt	W	100	1,4-dioxane
585	0.0483	0.731952	-0.537854	1.50382	0.0420214	Al2O3	Pt	W	120	1,4-dioxane
586	0.7412	-0.895365	-0.0836979	0.764136	0.0237932	Al2O3	-	-	80	1,4-dioxane
587	0.9883	-1.25939	-0.0191009	0.387357	0.0131348	Al2O3	-	-	100	1,4-dioxane
588	0.9923	-1.38342	0.0135372	0.357508	0.0128853	Al2O3	-	-	120	1,4-dioxane
589	0.7283	-0.885391	-0.0863222	0.774815	0.0238515	Al2O3	Cu	-	80	1,4-dioxane
590	0.995	-1.55132	-0.0118597	0.329839	0.00991043	Al2O3	Cu	-	100	1,4-dioxane
591	0.9209	-1.07966	-0.0663922	0.570308	0.0142138	Al2O3	Cu	-	120	1,4-dioxane
592	0.5355	-0.760372	-0.119219	0.922258	0.0246953	Al2O3	Cu	Bi	80	1,4-dioxane
593	0.8435	-1.00513	-0.0860051	0.668993	0.0148746	Al2O3	Cu	Bi	100	1,4-dioxane
594	0.4982	-0.738524	-0.124968	0.950101	0.0248637	Al2O3	Cu	Bi	120	1,4-dioxane
595	0.8122	-0.982305	-0.0920107	0.700586	0.0150981	Al2O3	Cu	Cr	80	1,4-dioxane
596	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Cu	Cr	100	1,4-dioxane
597	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Cu	Cr	120	1,4-dioxane
598	0.8049	-0.977301	-0.0933274	0.707582	0.0151484	Al2O3	Cu	Fe	80	1,4-dioxane
599	0.9741	-1.18292	-0.0392221	0.451564	0.013497	Al2O3	Cu	Fe	100	1,4-dioxane
600	0.8519	-0.693827	-0.173942	0.659953	0.0210023	Al2O3	Cu	Fe	120	1,4-dioxane
601	0.6463	-0.828194	-0.101373	0.839438	0.0242117	Al2O3	Cu	Na	80	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
602	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Cu	Na	100	1,4-dioxane
603	0.7167	-0.876661	-0.0886194	0.784317	0.0239035	Al2O3	Cu	Na	120	1,4-dioxane
604	0.7042	-0.867569	-0.0910118	0.794358	0.0239589	Al2O3	Cu	Sn	80	1,4-dioxane
605	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Cu	Sn	100	1,4-dioxane
606	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Cu	Sn	120	1,4-dioxane
607	0.7804	-0.961249	-0.0975513	0.730178	0.0153126	Al2O3	Cu	W	80	1,4-dioxane
608	0.9899	-1.27751	-0.0143316	0.376522	0.0130717	Al2O3	Cu	W	100	1,4-dioxane
609	0.8019	-0.948796	-0.0696383	0.710443	0.0235056	Al2O3	Cu	W	120	1,4-dioxane
610	0.8419	-1.00394	-0.0863171	0.670621	0.0148859	Al2O3	Ni	-	80	1,4-dioxane
611	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	-	100	1,4-dioxane
612	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	-	120	1,4-dioxane
613	0.8535	-1.01308	-0.0839124	0.658115	0.0147989	Al2O3	Ni	Bi	80	1,4-dioxane
614	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Bi	100	1,4-dioxane
615	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Bi	120	1,4-dioxane
616	0.7283	-0.885391	-0.0863222	0.774815	0.0238515	Al2O3	Ni	Cr	80	1,4-dioxane
617	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Cr	100	1,4-dioxane
618	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Cr	120	1,4-dioxane
619	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Fe	80	1,4-dioxane
620	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Fe	100	1,4-dioxane
621	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Fe	120	1,4-dioxane
622	0.9645	-1.1546	-0.0466745	0.481284	0.0136688	Al2O3	Ni	Na	80	1,4-dioxane
623	0.9984	-1.61429	0.00470982	0.269931	0.00970288	Al2O3	Ni	Na	100	1,4-dioxane
624	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Na	120	1,4-dioxane
625	0.9577	-1.13887	-0.0508126	0.498841	0.0137725	Al2O3	Ni	Sn	80	1,4-dioxane
626	0.9912	-1.29822	-0.00888364	0.366633	0.0130106	Al2O3	Ni	Sn	100	1,4-dioxane
627	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	Sn	120	1,4-dioxane
628	0.9966	-1.12394	-0.0919551	0.308435	0.0100121	Al2O3	Ni	W	80	1,4-dioxane
629	0.9912	-1.29822	-0.00888364	0.366633	0.0130106	Al2O3	Ni	W	100	1,4-dioxane
630	0.9748	-1.92679	0.0869404	0.449312	0.010824	Al2O3	Ni	W	120	1,4-dioxane
631	0.959	-1.48856	0.67175	0.495585	0.0229759	SiO2	-	Sn	80	1,4-dioxane
632	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Sn	100	1,4-dioxane
633	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	Sn	120	1,4-dioxane
634	0.28	-0.639497	1.11703	1.13029	0.0737935	SiO2	Pd	-	80	1,4-dioxane
635	0.2794	-0.620736	1.1121	1.13083	0.0737088	SiO2	Pd	-	100	1,4-dioxane
636	0.3715	-0.266195	1.47189	1.04914	0.0843188	SiO2	Pd	-	120	1,4-dioxane
637	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Pd	Bi	80	1,4-dioxane
638	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Pd	Bi	100	1,4-dioxane
639	0.3363	-0.577614	0.904795	1.07894	0.0667565	SiO2	Pd	Bi	120	1,4-dioxane
640	0.2615	-0.500839	0.894782	1.14844	0.0695412	SiO2	Pd	Cr	80	1,4-dioxane
641	0.4159	-0.135422	1.60927	1.01328	0.0870288	SiO2	Pd	Cr	100	1,4-dioxane
642	0.469	0.085061	1.905	0.972151	0.0910539	SiO2	Pd	Cr	120	1,4-dioxane
643	0.2559	-0.498391	1.0799	1.15407	0.0731978	SiO2	Pd	Fe	80	1,4-dioxane
644	0.3518	-0.422581	0.566519	1.06565	0.0484122	SiO2	Pd	Fe	100	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
645	0.3352	0.354976	2.24457	1.07993	0.101498	SiO2	Pd	Fe	120	1,4-dioxane
646	0.2794	-0.663638	1.12338	1.13081	0.0739048	SiO2	Pd	Na	80	1,4-dioxane
647	0.2794	-0.663638	1.12338	1.13081	0.0739048	SiO2	Pd	Na	100	1,4-dioxane
648	0.2102	-0.49812	1.10849	1.20346	0.0768294	SiO2	Pd	Na	120	1,4-dioxane
649	0.4157	-0.0790742	1.58426	1.01343	0.0837711	SiO2	Pd	Sn	80	1,4-dioxane
650	0.3256	0.258233	1.93591	1.08829	0.0915835	SiO2	Pd	Sn	100	1,4-dioxane
651	0.1649	0.532762	2.28131	1.26021	0.0747798	SiO2	Pd	Sn	120	1,4-dioxane
652	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Pd	W	80	1,4-dioxane
653	0.2665	-0.535738	1.08973	1.14339	0.0733462	SiO2	Pd	W	100	1,4-dioxane
654	0.4372	0.0799378	1.91654	0.996558	0.0940478	SiO2	Pd	W	120	1,4-dioxane
655	0.6819	-0.807209	0.887578	0.81198	0.0457292	SiO2	Pt	-	80	1,4-dioxane
656	0.4458	-0.994406	1.06321	0.9899	0.0390277	SiO2	Pt	-	100	1,4-dioxane
657	0.5511	-1.09428	1.10797	0.910679	0.0404225	SiO2	Pt	-	120	1,4-dioxane
658	0.7086	-1.16205	0.911374	0.790882	0.0326667	SiO2	Pt	Bi	80	1,4-dioxane
659	0.6116	-1.07965	0.889691	0.865653	0.0321154	SiO2	Pt	Bi	100	1,4-dioxane
660	0.4247	-0.981521	1.0783	1.00635	0.0396515	SiO2	Pt	Bi	120	1,4-dioxane
661	0.1495	-0.735126	0.994989	1.28209	0.0376588	SiO2	Pt	Cr	80	1,4-dioxane
662	0.0914	-0.655954	0.974156	1.38443	0.0373631	SiO2	Pt	Cr	100	1,4-dioxane
663	0.0745	-0.288654	0.965556	1.4241	0.0518558	SiO2	Pt	Cr	120	1,4-dioxane
664	0.2154	-0.466708	0.993935	1.19743	0.0516406	SiO2	Pt	Fe	80	1,4-dioxane
665	0.2419	-0.822213	0.821951	1.16852	0.0308554	SiO2	Pt	Fe	100	1,4-dioxane
666	0.272	-0.512475	0.810024	1.13805	0.0447565	SiO2	Pt	Fe	120	1,4-dioxane
667	0.5729	-0.769758	1.07368	0.894481	0.0528819	SiO2	Pt	Na	80	1,4-dioxane
668	0.6763	-1.25716	1.13235	0.816344	0.0409886	SiO2	Pt	Na	100	1,4-dioxane
669	0.4607	-1.0115	1.08618	0.978513	0.0398465	SiO2	Pt	Na	120	1,4-dioxane
670	0.2542	-0.5018	1.00317	1.15577	0.0517524	SiO2	Pt	Sn	80	1,4-dioxane
671	0.4019	-0.603838	0.834064	1.0244	0.0449842	SiO2	Pt	Sn	100	1,4-dioxane
672	0.2256	-0.385734	0.807864	1.18609	0.0528497	SiO2	Pt	Sn	120	1,4-dioxane
673	0.5786	-0.775694	1.07524	0.890218	0.0529123	SiO2	Pt	W	80	1,4-dioxane
674	0.5011	-1.0406	1.07537	0.947935	0.0393328	SiO2	Pt	W	100	1,4-dioxane
675	0.8621	-1.3192	-0.072938	0.648572	0.0117665	SiO2	Pt	W	120	1,4-dioxane
676	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	80	1,4-dioxane
677	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	100	1,4-dioxane
678	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	-	-	120	1,4-dioxane
679	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	80	1,4-dioxane
680	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	100	1,4-dioxane
681	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	-	120	1,4-dioxane
682	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	80	1,4-dioxane
683	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	100	1,4-dioxane
684	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Bi	120	1,4-dioxane
685	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	80	1,4-dioxane
686	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	100	1,4-dioxane
687	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Cr	120	1,4-dioxane

Primary ID	PModXPS+[2] ^a	tPS[1] ^b	tPS[2] ^c	DModXPS+[2] ^d	C.I. tPS[1] ^e	Support	MainMetal	Promotor	Temperature	Solvent
688	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	80	1,4-dioxane
689	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	100	1,4-dioxane
690	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Fe	120	1,4-dioxane
691	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	80	1,4-dioxane
692	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	100	1,4-dioxane
693	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Na	120	1,4-dioxane
694	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	80	1,4-dioxane
695	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	100	1,4-dioxane
696	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	Sn	120	1,4-dioxane
697	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	80	1,4-dioxane
698	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	100	1,4-dioxane
699	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Cu	W	120	1,4-dioxane
700	0.9589	-1.48451	0.670685	0.495828	0.0229374	SiO2	Ni	-	80	1,4-dioxane
701	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	-	100	1,4-dioxane
702	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	-	120	1,4-dioxane
703	0.9992	-1.67536	0.0207784	0.240536	0.00964302	SiO2	Ni	Bi	80	1,4-dioxane
704	0.9579	-1.53117	0.682962	0.49827	0.0233929	SiO2	Ni	Bi	100	1,4-dioxane
705	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Bi	120	1,4-dioxane
706	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	80	1,4-dioxane
707	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	100	1,4-dioxane
708	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Cr	120	1,4-dioxane
709	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Fe	80	1,4-dioxane
710	0.5979	-0.874825	-0.0536141	0.875892	0.0342572	SiO2	Ni	Fe	100	1,4-dioxane
711	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Fe	120	1,4-dioxane
712	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Na	80	1,4-dioxane
713	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Na	100	1,4-dioxane
714	0.6778	-0.86515	0.934014	0.815186	0.0544807	SiO2	Ni	Na	120	1,4-dioxane
715	0.7724	-1.23703	0.931102	0.737366	0.0332256	SiO2	Ni	Sn	80	1,4-dioxane
716	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	Sn	100	1,4-dioxane
717	0.5277	-0.718461	0.915769	0.928052	0.0596294	SiO2	Ni	Sn	120	1,4-dioxane
718	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	80	1,4-dioxane
719	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	100	1,4-dioxane
720	0.9748	-1.92679	0.0869404	0.449312	0.010824	SiO2	Ni	W	120	1,4-dioxane

^a membership probability (>= 0.05 indicates observation that fits the model)

^b score on the first PC

^c score on the second PC

^d distance to from the model plane (<= 1.5 indicates observation that fits the model)

^e confidence interval (one sided) of the first principal component

Table 3 Loadings of the individual variables in the PCA model

Var ID (Primary)	M14.p[1]	M14.p[2]
y(2)	0.359885	-0.0946976
y(3)	0.285528	0.58505
y(4)	0.315238	-0.117102
y(5)	0.375792	-0.398734
y(6)	0.457358	0.0221801
y(7)	0.328882	-0.00815777
y(8)	0.194767	0.663275
y(9)	0.439419	-0.188561