

Systematic Review and Meta-Analysis of Pregnancy Outcomes in women with Polycystic Ovary Syndrome

Supplementary Table 1. Characteristics of included studies

Study	Country	Design	Quality	PCOS	Controls	Matched characteristics	Outcomes
Diamant et al (1982)	Israel	Prospective	Poor	N: 70 Age*: 31 BMI†: NR	N: 2071 Age: 30 BMI: NR	-	PE Instrumental CS
Levrat et al (1990)	Israel	Prospective	Poor	N: 76 Age: 27 BMI: NR	N: 95 Age: 28 BMI: NR	Age, Weight	GDM
Wortsmann et al (1991)	USA	Retrospective cohort	Poor	N: 53 Age: 29 BMI: NR	N: 2036 Age: NR BMI: NR	-	GDM
Urman et al (1992)	Canada	Prospective	Moderate	N: 4 Age: NR BMI: NR	N: 10 Age: NR BMI: NR	Age	Miscarriage
Homburg et al (1993)	Israel	Prospective	Poor	N: 47 Age: NR BMI: NR	N: 38 Age: NR BMI: NR	-	Miscarriage
Lesser et al (1997)	USA	Retrospective cohort	Poor	N: 24 Age: 30 BMI: 28	N: 44 Age: 32 BMI: 23	-	GDM GWG
Urman et al (1997)	Turkey	Retrospective cohort	Moderate	N: 47 Age: 28 BMI: 25	N: 100 Age: 28 BMI: 23	-	GDM GH PE GWG
Fridstrom et al (1999)	Sweden	Retrospective cohort	Poor	N: 9 Age: 32 BMI: 25	N: 10 Age: 33 BMI: 23	Age	GDM GH PE GWG CS
Kashyap et al (2000)	Canada	Retrospective cohort	Poor	N: 22 Age: NR BMI: NR	N: 27 Age: NR BMI: NR	-	GH
Vollenhoven et al (2000)	Australia	Retrospective cohort	Moderate	N: 60 Age: NR BMI: 27	N: 60 Age: NR BMI: 27	Age BMI Ethnicity	GDM Instrumental
Mikola et al (2001)	Finland	Retrospective cohort	Poor	N: 99 Age: 30 BMI: 26	N: 737 Age: 29 BMI: 23	-	GDM GH PE CS
Wang et al (2001)	Australia	Prospective	Poor	N: 373 Age: 31 BMI: 26	N: 645 Age: 33 BMI: 24	-	Miscarriage
Bjercke et al (2002)	Norway	Retrospective cohort	Poor	N: 52 Age: 31 BMI: 26	N: 355 Age: 33 BMI: 22	-	GDM GH PE Instrumental CS
Sir-Petermann et al (2002)	Chile	Prospective	Moderate	N: 20 Age: NR BMI: NR	N: 26 Age: NR BMI: NR	Age	GDM
Haakova et al (2003)	Czech Republic	Retrospective cohort	High	N: 66 Age: 29 BMI: 24	N: 66 Age: 30 BMI: 23	Age Weight	GDM GH GWG CS
Turhan et al (2003)	Turkey	Retrospective cohort	Poor	N: 38 Age: 28 BMI: 32	N: 136 Age: 27 BMI: 24	-	GDM GH PE GWG IoL

							CS
Glueck et al (2004)	USA	Prospective	Poor	N: 119 Age: 31 BMI: 34	N: 251 Age: 29 BMI: 26	-	GDM PE
Glueck et al (2004)	USA	Prospective	Poor	N: 95 Age: 33 BMI: 34	N: 251 Age: 29 BMI: 26	-	GDM PE
Weerakiet et al (2004)	Thiland	Retrospective cohort	Moderate	N: 36 Age: 32 BMI: 24	N: 100 Age: 31 BMI: 22	Age	GDM GH PE GWG CS
Sir-Petermann et al (2005)	Chile	Prospective	Poor	N: 47 Age: 25 BMI: 28	N: 180 Age: 26 BMI: 26	Age BMI SES	GDM GWG
Al-Ojaimi et al (2006)	Bahrain	Prospective	Poor	N: 134 Age: 29 BMI: 31	N: 479 Age: 28 BMI: 29	-	GDM GH PE GWG
Dokras et al (2006)	USA	Retrospective cohort	High	N: 46 Age: NR BMI: NR	N: 108 Age: NR BMI: NR	Weight	Miscarriage GDM CS
Kovo et al (2006)	Israel	Retrospective cohort	Moderate	N: 33 Age: 30 BMI: 28	N: 66 Age: 31 BMI: 25	Age	GDM GH CS
Hu et al (2007)	UK	Prospective	High	N: 22 Age: 32 BMI: 24	N: 22 Age: 32 BMI: 24	Age BMI Ethnicity Parity	GH PE EC
Palep-Singh et al (2007)	UK	Retrospective cohort	Poor	N: 120 Age: NR BMI: NR	N: 95 Age: NR BMI: NR	-	Miscarriage
Sir-Petermann et al (2007)	Chile	Prospective	High	N: 48 Age: NR BMI: NR	N: 51 Age: NR BMI: NR	Age SES	GDM GH
Beydoun et al (2009)	USA	Retrospective cohort	Poor	N: 28 Age: 32 BMI: 31	N: 23 Age: 32 BMI: 24	-	Miscarriage
Bolton et al (2009)	Ireland	Retrospective cohort	Poor	N: 66 Age: 32 BMI: NR	N: 66 Age: 32 BMI: NR	Age Parity	GDM
Gupta et al (2009)	India	Prospective	Moderate	N: 56 Age: NR BMI: NR	N: 56 Age: NR BMI: NR	Age Weight	GDM GH
Maliqueo et al (2009)	Chile	Prospective	Moderate	N: 30 Age: 27 BMI: 29	N: 34 Age: 27 BMI: 24	SES	GWG
Anderson et al (2010)	USA	Prospective	Poor	N: 39 Age: 30 BMI: 31	N: 31 Age: 32 BMI: 25	-	GWG CS
Falbo et al (2010)	Italy	Prospective	High	N: 45 Age: 28 BMI: 25	N: 42 Age: 28 BMI: 25	Age BMI	GH PE
Li et al (2010)	China	Retrospective cohort	Poor	N: 34 Age: 32 BMI: NR	N: 70 Age: 32 BMI: NR	-	PE
Palomba et al (2010)	Italy	Prospective	Poor	N: 93 Age: NR BMI: NR	N: 69 Age: NR BMI: NR	-	Miscarriage GDM GH PE
Palomba et al (2010)	Italy	Prospective	High	N: 70 Age: NR BMI: NR	N: 69 Age: NR BMI: NR	Age BMI	Miscarriage GDM GH PE Instrumental CS

De Leo et al (2011)	Italy	Prospective	Poor	N: 98 Age: 32 BMI: 28	N: 110 Age: 33 BMI: 27	-	Miscarriage GDM GH PE
Dmitrovic et al (2011)	USA	Retrospective cohort	Poor	N: 17 Age: 29 BMI: 32	N: 17 Age: 31 BMI: 26	-	GDM
Nejad et al (2011)	Iran	Prospective	Moderate	N: 52 Age: NR BMI: NR	N: 47 Age: NR BMI: NR	-	Miscarriage
Nouh et al (2011)	Egypt	Prospective	High	N: 40 Age: NR BMI: NR	N: 40 Age: NR BMI: NR	Age BMI	Miscarriage GDM GH PE CS
Mehrabian et al (2012)	Iran	Retrospective cohort	High	N: 40 Age: 27 BMI: 26	N: 40 Age: 28 BMI: 26	Age, BMI SES	GWG
Palomba et al (2012)	Italy	Prospective	High	N: 42 Age: 28 BMI: 28	N: 84 Age: 28 BMI: 27	Age BMI	GDM GH PE GWG IoL Instrumental CS
Reyes-Munoz et al (2012)	Mexico	Retrospective cohort	Moderate	N: 52 Age: 29 BMI: 28	N: 52 Age: 29 BMI: 28	Age BMI Parity	Miscarriage GDM PE GWG
Boutzios et al (2013)	Greece	Prospective	Poor	N: 41 Age: 31 BMI: 25	N: 110 Age: 32 BMI: 24	-	GDM
Wang et al (2013)	China	Prospective	High	N: 220 Age: 31 BMI: 23	N: 652 Age: 29 BMI: 20	-	Miscarriage GDM GH
Ashrafi et al (2014)	Iran	Retrospective cohort	Poor	N: 234 Age: 30 BMI: 26	N: 468 Age: 29 BMI: 26	-	GDM
Elkholi et al (2014)	Egypt	Prospective	Moderate	N: 200 Age: 23 BMI: 32	N: 200 Age: 23 BMI: 32	Age BMI SES	Miscarriage GDM GH PE CS
Foroozanfard et al (2014)	Iran	Retrospective cohort	Moderate	N: 130 Age: 29 BMI: 28	N: 131 Age: 29 BMI: 28	-	GDM GH PE CS
Huang et al (2014)	China	Retrospective cohort	Moderate	N: 50 Age: 30 BMI: 23	N: 39 Age: 30 BMI: 21	-	Miscarriage
Lathi et al (2014)	USA	Prospective	Poor	N: 59 Age: 33 BMI: 26	N: 287 Age: 36 BMI: 23	-	Miscarriage
Li et al (2014)	China	Retrospective cohort	Poor	N: 38 Age: NR BMI: NR	N: 289 Age: NR BMI: NR	-	Miscarriage
Liu et al (2014)	China	Retrospective cohort	Poor	N: 20 Age: 31 BMI: NR	N: 166 Age: 32 BMI: NR	-	Miscarriage
Naver et al (2014)	Denmark	Prospective	Poor	N: 459 Age: 32 BMI: 23	N: 5409 Age: 31 BMI: 23	-	GDM GH PE IoL CS
Palomba et al (2014)	Italy	Prospective	High	N: 150 Age: 28	N: 150 Age: 27	Age BMI	Miscarriage GH

				BMI: 27	BMI: 27		
Palomba et al (2014)	Italy	Prospective	High	N: 150 Age: 28 BMI: NR	N: 150 Age: 28 BMI: NR	Age BMI	GDM PE Instrumental CS
Zhang et al (2014)	China	Prospective	Poor	N: 27 Age: 30 BMI: 24	N: 27 Age: 30 BMI: 23	-	Miscarriage
Kollmann et al (2015)	Austria	Retrospective cohort	Poor	N: 177 Age: NR BMI: NR	N: 708 Age: NR BMI: NR	-	GDM GH PE Instrumental CS
Koster et al (2015)	Netherlands	Prospective	Poor	N: 73 Age: 31 BMI: NR	N: 209 Age: 32 BMI: NR	-	GDM IoL CS
Mumm et al (2015)	Denmark	Prospective	Poor	N: 157 Age: NR BMI: NR	N: 1037 Age: NR BMI: NR	-	GDM GH PE IoL Instrumental CS
Sawada et al (2015)	Japan	Retrospective cohort	High	N: 49 Age: 32 BMI: 24	N: 49 Age: 32 BMI: 24	Age BMI Parity	GDM GH CS
Wan et al (2015)	China	Retrospective cohort	Moderate	N: 24 Age: 31 BMI: 23	N: 224 Age: 33 BMI: 21	Age	GDM GH PE EC
Aktun et al (2016)	Turkey	Prospective	Poor	N: 150 Age: 29 BMI: 23	N: 160 Age: 31 BMI: 21	-	GH PE GWG CS
Sterling et al (2016)	Canada	Retrospective cohort	Poor	N: 71 Age: NR BMI: 25	N: 323 Age: NR BMI: 24	-	GDM CS
Wang et al (2016)	China	Retrospective cohort	Poor	N: 1361 Age: 30 BMI: 24	N: 15921 Age: 33 BMI: 23	-	Miscarriage
Wang et al (2016)	China	Prospective	Poor	N: 119 Age: 32 BMI: NR	N: 664 Age: 33 BMI: NR	-	Miscarriage
Xiao et al (2016)	China	Retrospective cohort	Poor	N: 352 Age: 30 BMI: NR	N: 2037 Age: 29 BMI: NR	-	GDM CS
Chen et al (2017)	China	Prospective	Poor	N: 22 Age: NR BMI: NR	N: 73 Age: NR BMI: NR	-	Miscarriage
deWilde et al (2017)	Netherlands	Prospective	Poor	N: 188 Age: NR BMI: NR	N: 2889 Age: NR BMI: NR	-	GDM GH PE IoL CS
Jonsdottir et al (2017)	Denmark	Retrospective cohort	Moderate	N: 72 Age: 33 BMI: 22	N: 288 Age: 32 BMI: 23	-	GDM PE IoL CS
Luo et al (2017)	China	Retrospective cohort	High	N: 34 Age: 30 BMI: 21	N: 111 Age: 31 BMI: 22	Age BMI	Miscarriage
Lai et al (2018)	China	Prospective	Poor	N: 22 Age: NR BMI: NR	N: 25 Age: NR BMI: NR	-	Miscarriage
Huang et al (2018)	China	Retrospective cohort	Poor	N: 89 Age: NR BMI: NR	N: 249 Age: NR BMI: NR	-	Miscarriage

Kent et al (2018)	USA	Retrospective cohort	Moderate	N: 164 Age: 28 BMI: 33	N: 154 Age: 32 BMI: 28	-	GDM PE
Li et al (2018)	China	Retrospective cohort	Poor	N: 670 Age: 31 BMI: 24	N: 6000 Age: 32 BMI: 22	-	Miscarriage GDM GH
Butts et al (2019)	USA	Retrospective cohort	Poor	N: 205 Age: 29 BMI: 36	N: 228 Age: 32 BMI: 27	-	Miscarriage
Kollmann et al (2019)	Austria	Retrospective cohort	Moderate	N: 79 Age: 31 BMI: 30	N: 354 Age: 30 BMI: 29	-	GDM GH PE
Schneider et al (2019)	USA	Retrospective cohort	Poor	N: 809 Age: 31 BMI: NR	N: 956 Age: 31 BMI: NR	-	GH
Zheng et al (2019)	China	Retrospective cohort	High	N: 242 Age: 30 BMI: 24	N: 324 Age: 31 BMI: 25	-	GDM GH PE
Benito et al (2020)	Spain	Prospective	Moderate	N: 20 Age: 34 BMI: 29	N: 30 Age: 34 BMI: 29	-	Miscarriage PE IoL Instrumental CS
Chen et al (2020)	China	Prospective	Poor	N: 35 Age: NR BMI: NR	N: 29 Age: NR BMI: NR	-	Miscarriage CS
Elsheawy et al (2020)	China	Prospective	Poor	N: 33 Age: NR BMI: NR	N: 35 Age: NR BMI: NR	-	Miscarriage
Foroozanfard et al (2020)	Iran	Prospective	Poor	N: 41 Age: 25 BMI: 26	N: 47 Age: 26 BMI: 24	-	Miscarriage GDM PE CS
Liu et al (2020)	China	Retrospective cohort	Poor	N: 472 Age: NR BMI: NR	N: 4190 Age: NR BMI: NR	-	Miscarriage GDM GH CS
Tobiasz et al (2020)	USA	Prospective	Poor	N: 17 Age: NR BMI: NR	N: 11 Age: NR BMI: NR	-	CS
Abdulkhalikova et al (2021)	Slovenia	Retrospective cohort	Poor	N: 73 Age: 33 BMI: NR	N: 196 Age: 34 BMI: NR	-	GDM GH PE GWG CS
Cai et al (2021)	China	Retrospective cohort	Moderate	N: 2357 Age: 29 BMI: 24	N: 19463 Age: 31 BMI: 22	-	Miscarriage GDM
Feichtinger et al (2021)	Austria	Prospective	Poor	N: 31 Age: NR BMI: NR	N: 36 Age: NR BMI: NR	-	GDM
Gongadashetti et al (2021)	India	Prospective	Poor	N: 12 Age: NR BMI: NR	N: 14 Age: NR BMI: NR	-	Miscarriage
Hu et al (2021)	China	Retrospective cohort	Poor	N: 557 Age: 30 BMI: 23	N: 3526 Age: 31 BMI: 22	-	Miscarriage GDM CS
Jiang et al (2021)	China	Retrospective cohort	Poor	N: 30 Age: 31 BMI: 25	N: 31 Age: 32 BMI: 23	-	GDM GH Instrumental CS
Kollmann et al (2021)	Austria	Retrospective cohort	Moderate	N: 79 Age: 31 BMI: 30	N: 354 Age: 30 BMI: 29	-	GDM GH PE
Liu et al (2021)	China	Retrospective cohort	Poor	N: 92 Age: 30	N: 112 Age: 30	-	CS

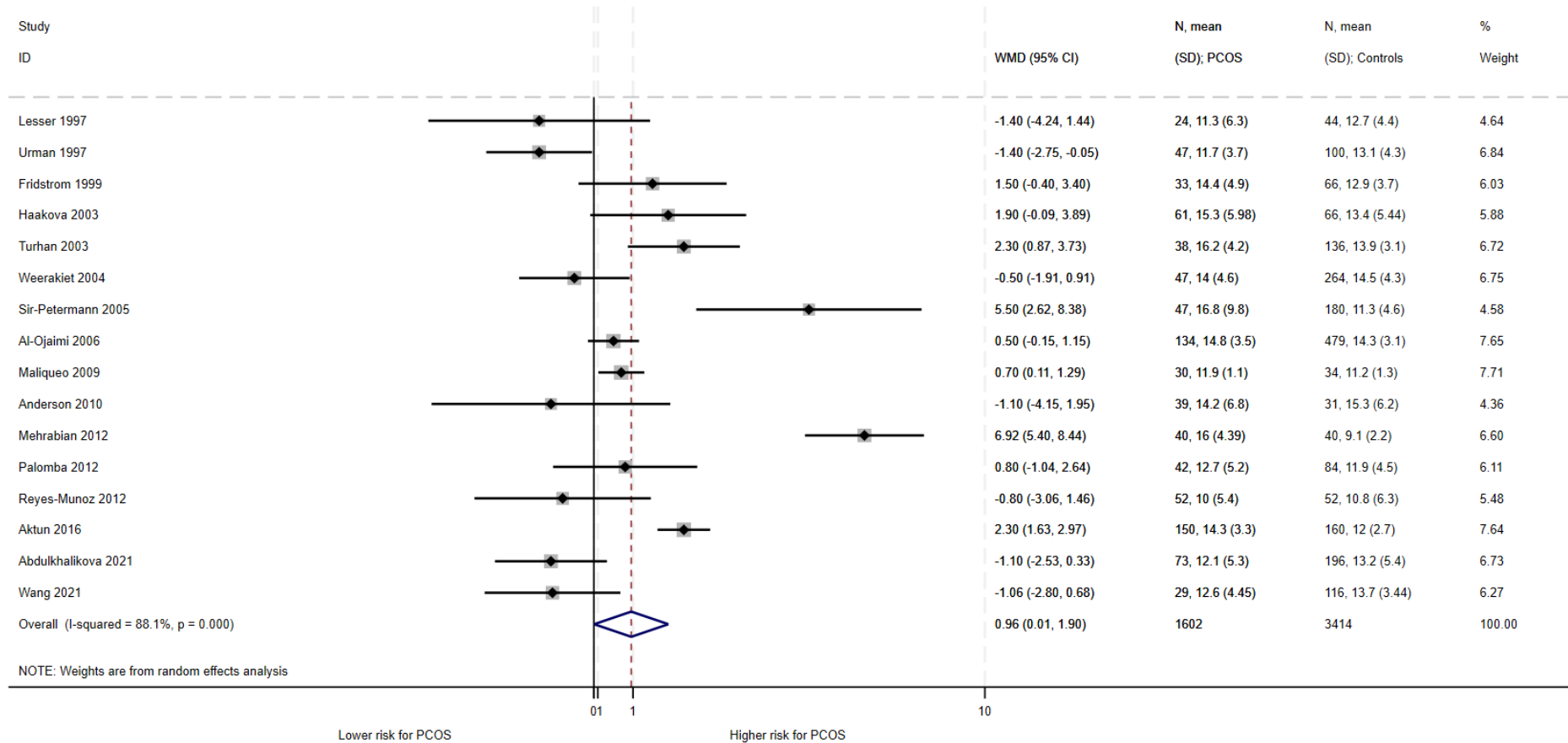
				BMI: 24	BMI: 23		
Liu et al (2021)	China	Prospective	Poor	N: 86 Age: 28 BMI: 24	N: 60 Age: 28 BMI: 22	-	Miscarriage
Mai et al (2021)	China	Retrospective cohort	Poor	N: 192 Age: NR BMI: NR	N: 298 Age: NR BMI: NR	-	Miscarriage
March et al (2021)	Australia	Retrospective cohort	Moderate	N: 52 Age: NR BMI: NR	N: 514 Age: NR BMI: NR	-	Depression
Pouya et al (2021)	Turkey	Retrospective cohort	Poor	N: 88 Age: 29 BMI: 25	N: 90 Age: 32 BMI: 24	-	Miscarriage
Wang et al (2021)	China	Retrospective cohort	Moderate	N: 29 Age: NR BMI: 22	N: 116 Age: NR BMI: 21	-	GWG CS
Wu et al (2021)	China	Retrospective cohort	High	N: 23 Age: 30 BMI: 23	N: 11 Age: 30 BMI: 22	Age BMI Parity	Miscarriage
Zhu et al (2021)	China	Retrospective cohort	Poor	N: 111 Age: NR BMI: NR	N: 237 Age: NR BMI: NR	-	Miscarriage GDM GH
Tu et al (2022)	China	Retrospective cohort	Poor	N: 27 Age: 29 BMI: 22	N: 22 Age: 30 BMI: 21	-	Miscarriage
Liu et al (2022)	China	Retrospective cohort	Poor	N: 1357 Age: 31 BMI: NR	N: 6940 Age: 32 BMI: NR	-	GDM GH PE
Ni t al (2022)	China	Retrospective cohort	Poor	N: 1376 Age: 31 BMI: 24	N: 1376 Age: 31 BMI: 22	-	Miscarriage
Song et al (2022)	China	Retrospective cohort	Poor	N: 70 Age: 29 BMI: 22	N: 105 Age30 BMI: 22	Ethnicity	Miscarriage
Wang et al (2022)	China	Retrospective cohort	Poor	N: 346 Age: 29 BMI: 25	N: 453 Age: 29 BMI: 23	-	GDM CS
Yang et al (2022)	China	Retrospective cohort	Poor	N: 208 Age: 28 BMI: 22	N: 1506 Age: 30 BMI: 21	-	Miscarriage

BMI: body mass index; CS: caesarean section; EC: eclampsia; GDM: gestational diabetes; GH: gestational hypertension; GWG: gestational weight gain; IoL: induction of labour; NR: not reported; PCOS: polycystic ovary syndrome; PE: pre-eclampsia; SES: socioeconomic status

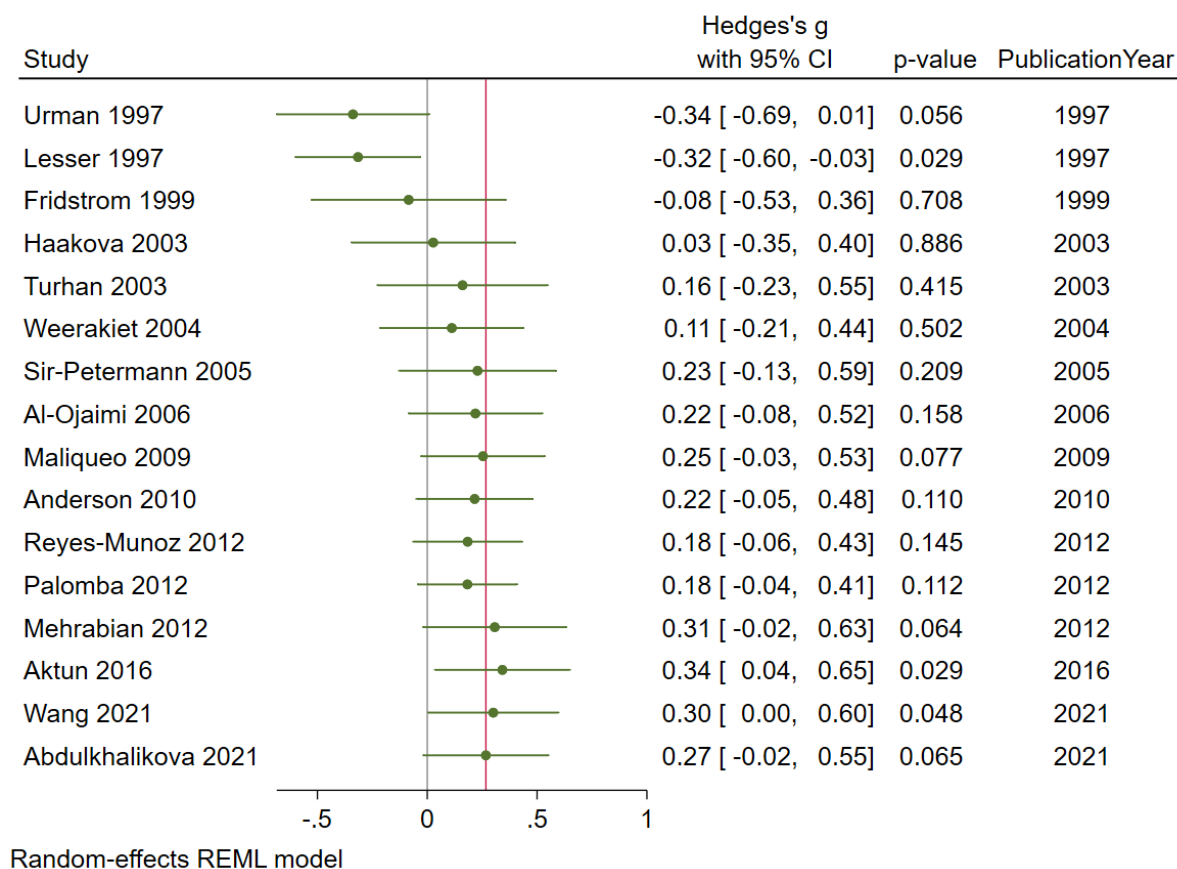
*Age is reported in years

†BMI is reported in kg/m²

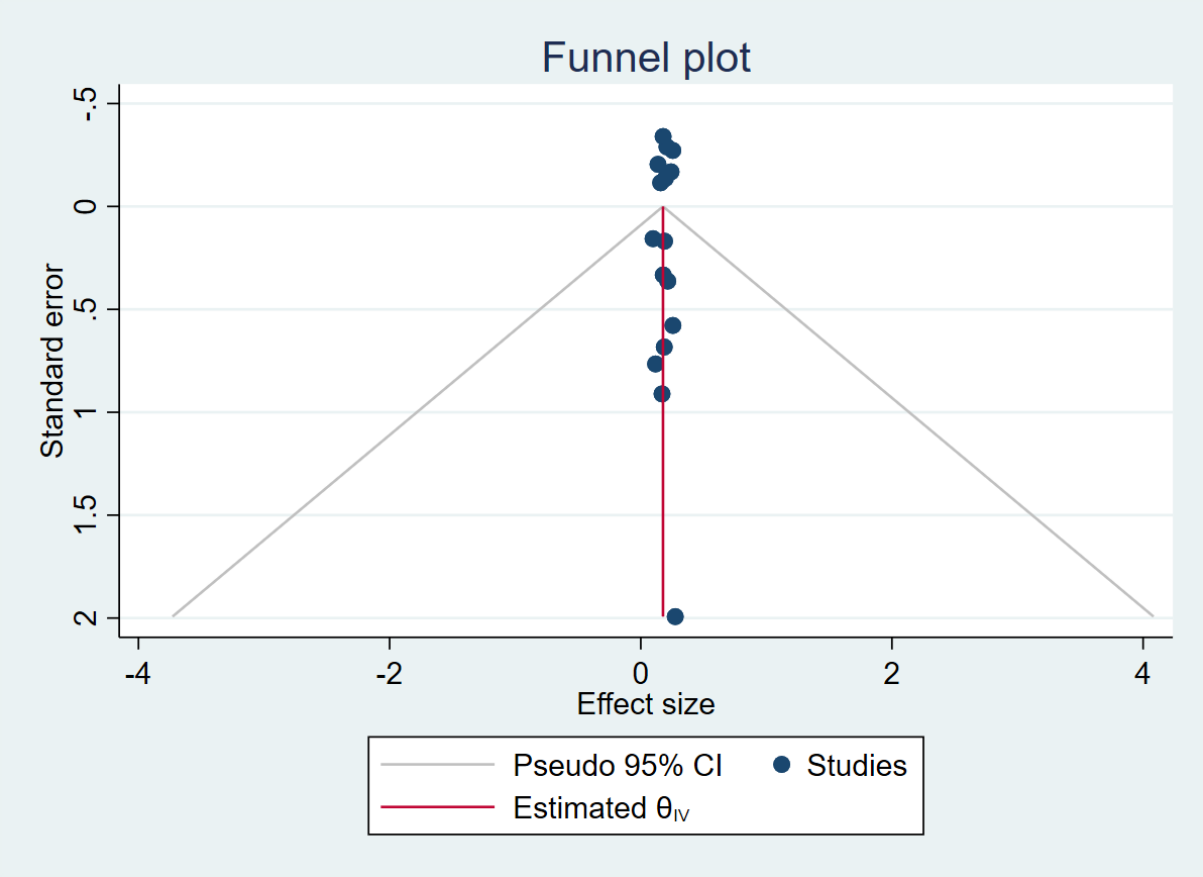
Supplementary Figure 1_a. Association of polycystic ovary syndrome with gestational weight gain.



Supplementary Figure 1_b. Cumulative plot of association of polycystic ovary syndrome with gestational weight gain



Supplementary Figure 1_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with gestational weight gain



Source data are provided as a Source Data file.

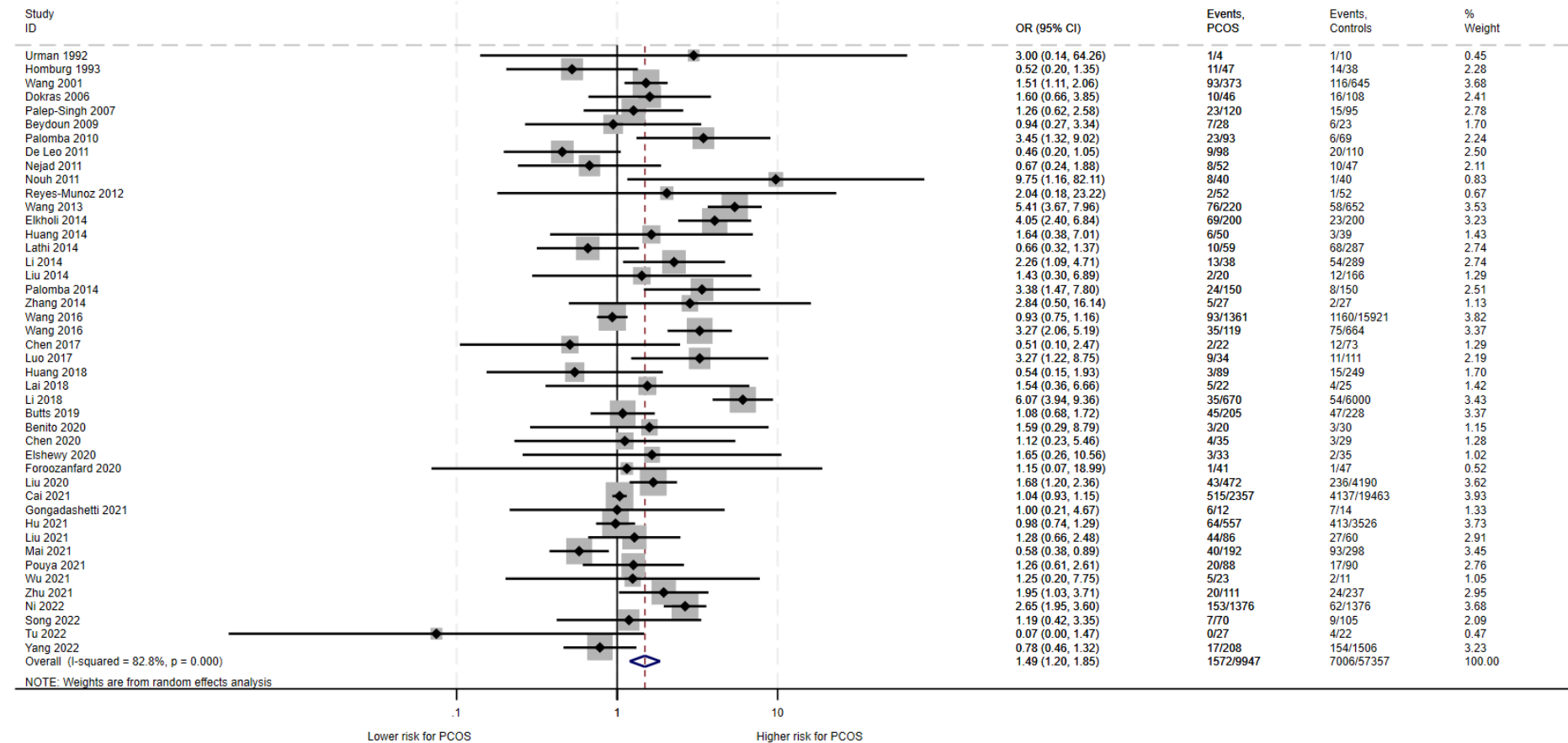
Egger’s test for small study effects on the outcome of gestational weight gain

Number of studies = 16 Root MSE = 3.022

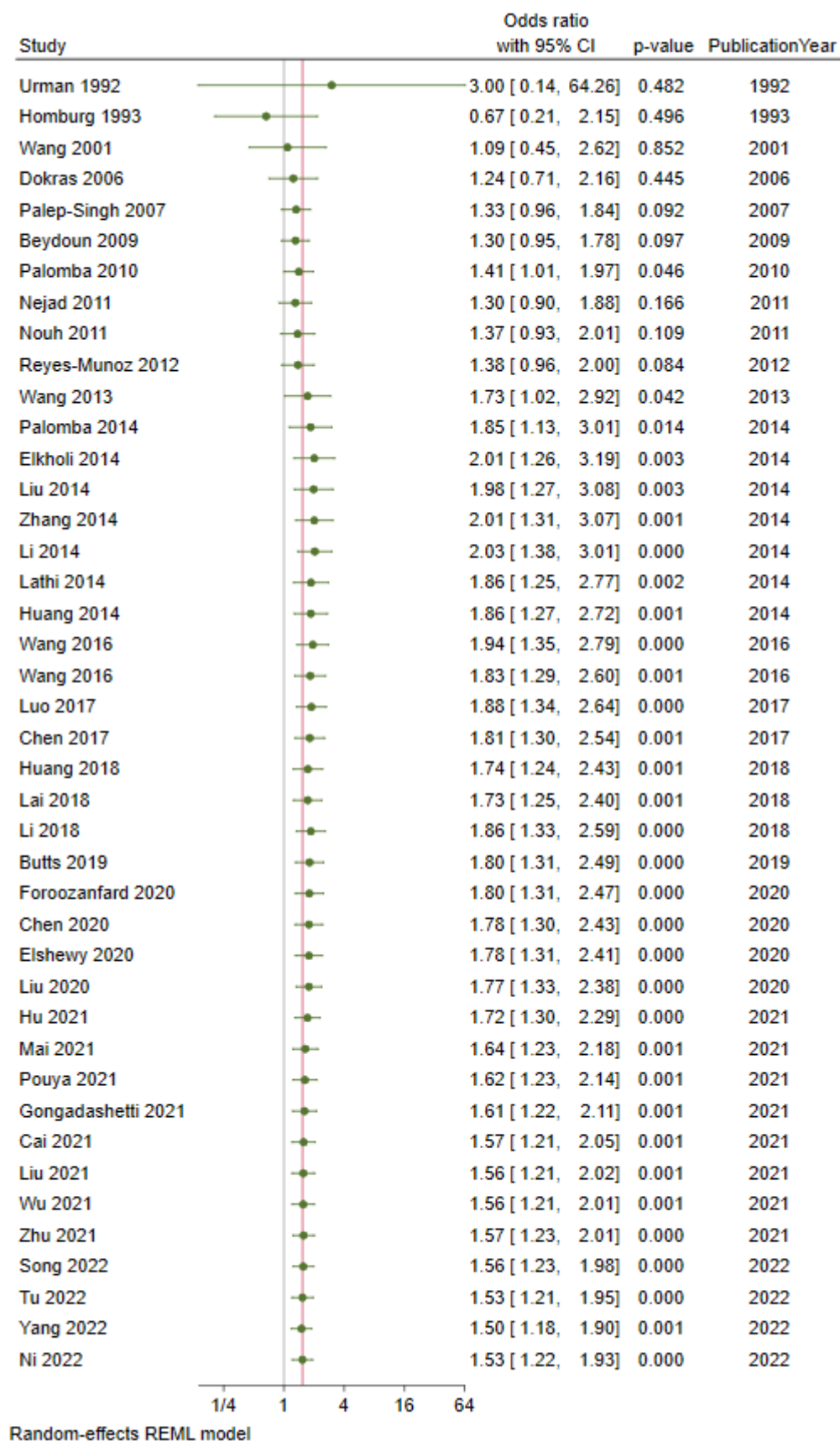
Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
+-----						
slope	0.1560978	0.4422178	0.35	0.729	-0.7923651	1.104561
bias	0.5641875	2.605411	0.22	0.832	-5.023864	6.152239

Test of H0: no small-study effects P = 0.832

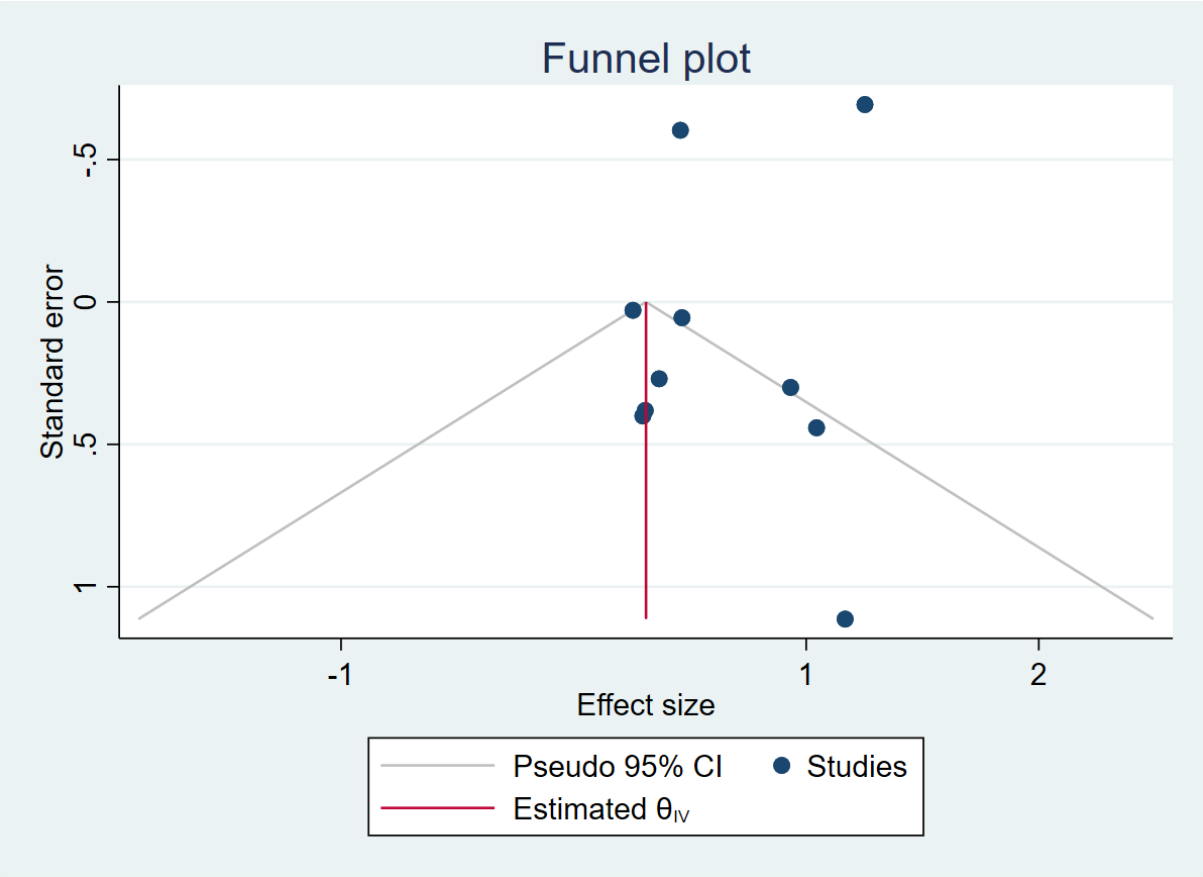
Supplementary Figure 2_a. Forest Plot of association of polycystic ovary syndrome with miscarriage



Supplementary Figure 2_b. Cumulative plot of association of polycystic ovary syndrome with miscarriage



Supplementary Figure 2_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with miscarriage



Source data are provided as a Source Data file.

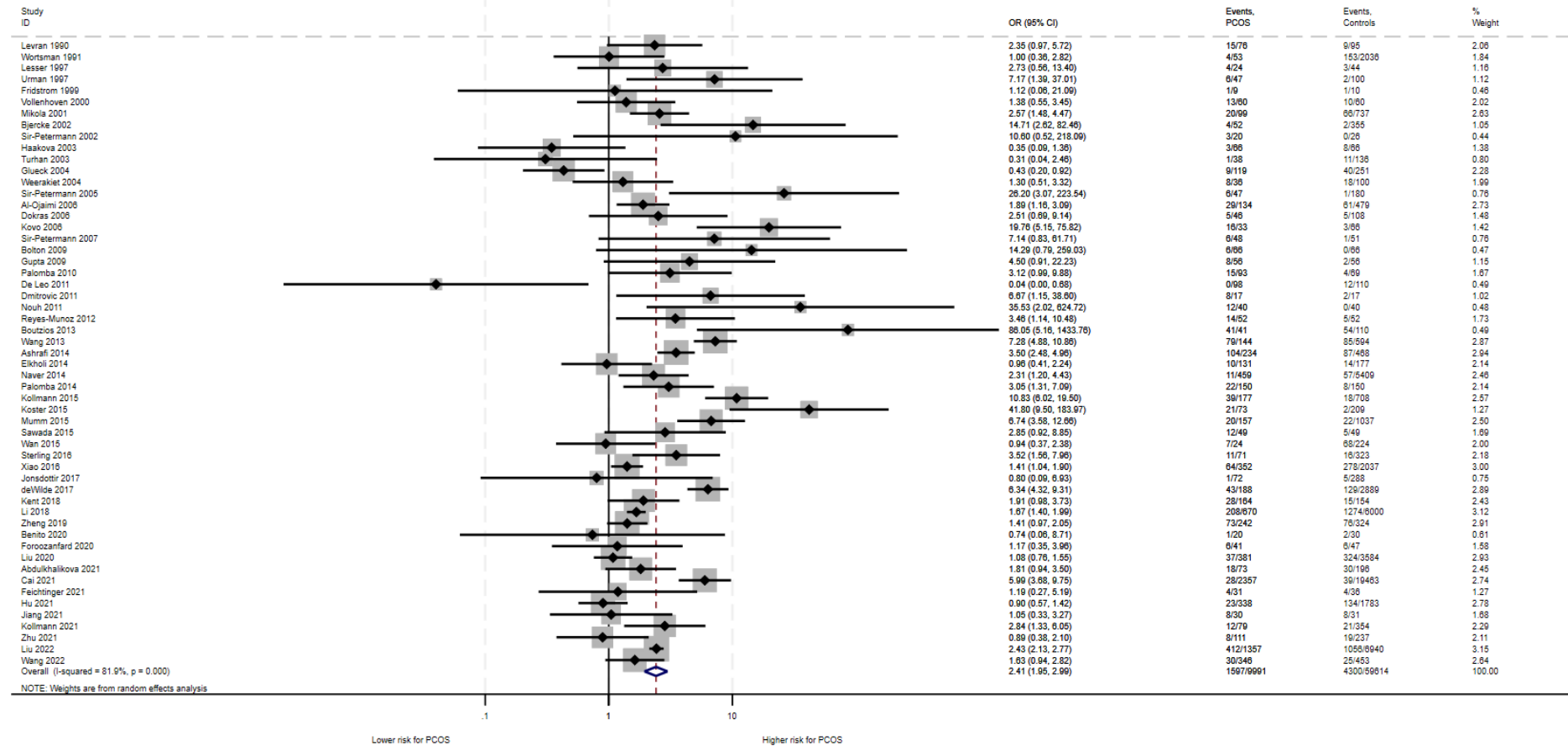
Egger’s test for small study effects on the outcome of miscarriage

Number of studies = 44 Root MSE = 2.392

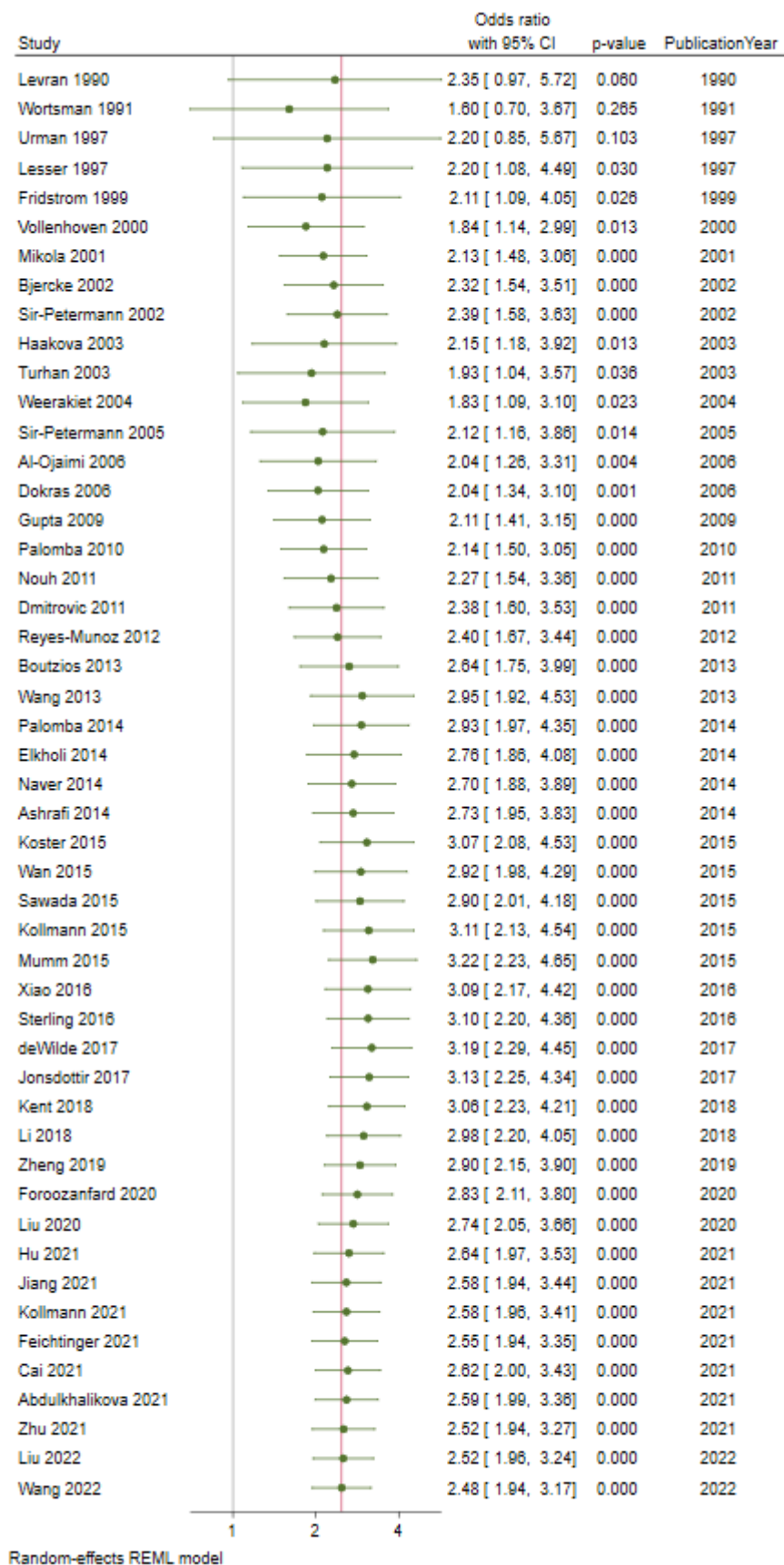
Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
slope	0.1499098	0.1170628	1.28	0.207	-0.0863325	0.3861522
bias	0.6758118	0.5111127	1.32	0.193	-0.3556555	1.707279

Test of H0: no small-study effects P = 0.193

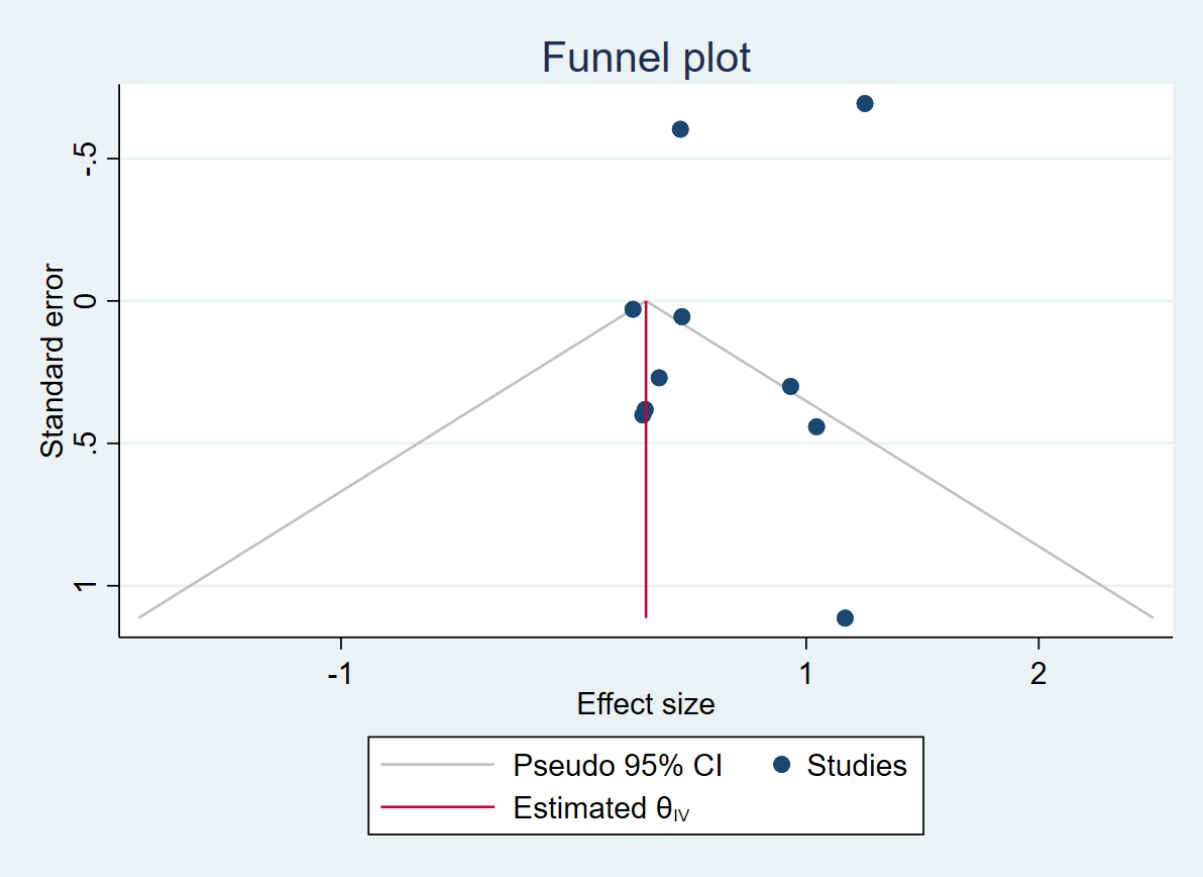
Supplementary Figure 3_a. Forest Plot of association of polycystic ovary syndrome with gestational diabetes



Supplementary Figure 3_b. Cumulative plot of association of polycystic ovary syndrome with gestational diabetes



Supplementary Figure 3_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with gestational diabetes



Source data are provided as a Source Data file.

Egger’s test for small study effects on the outcome of gestational diabetes

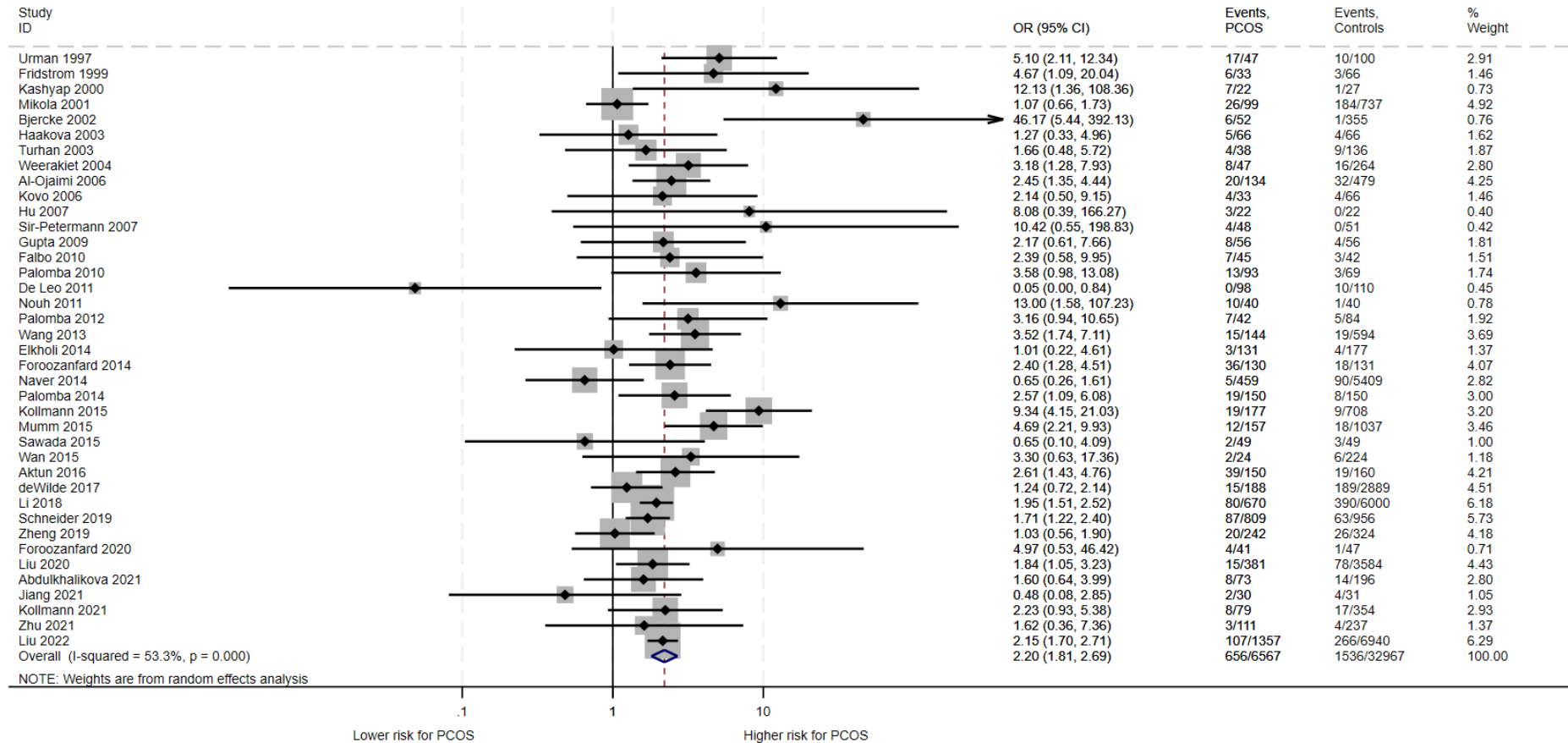
Number of studies = 55

Root MSE = 2.359

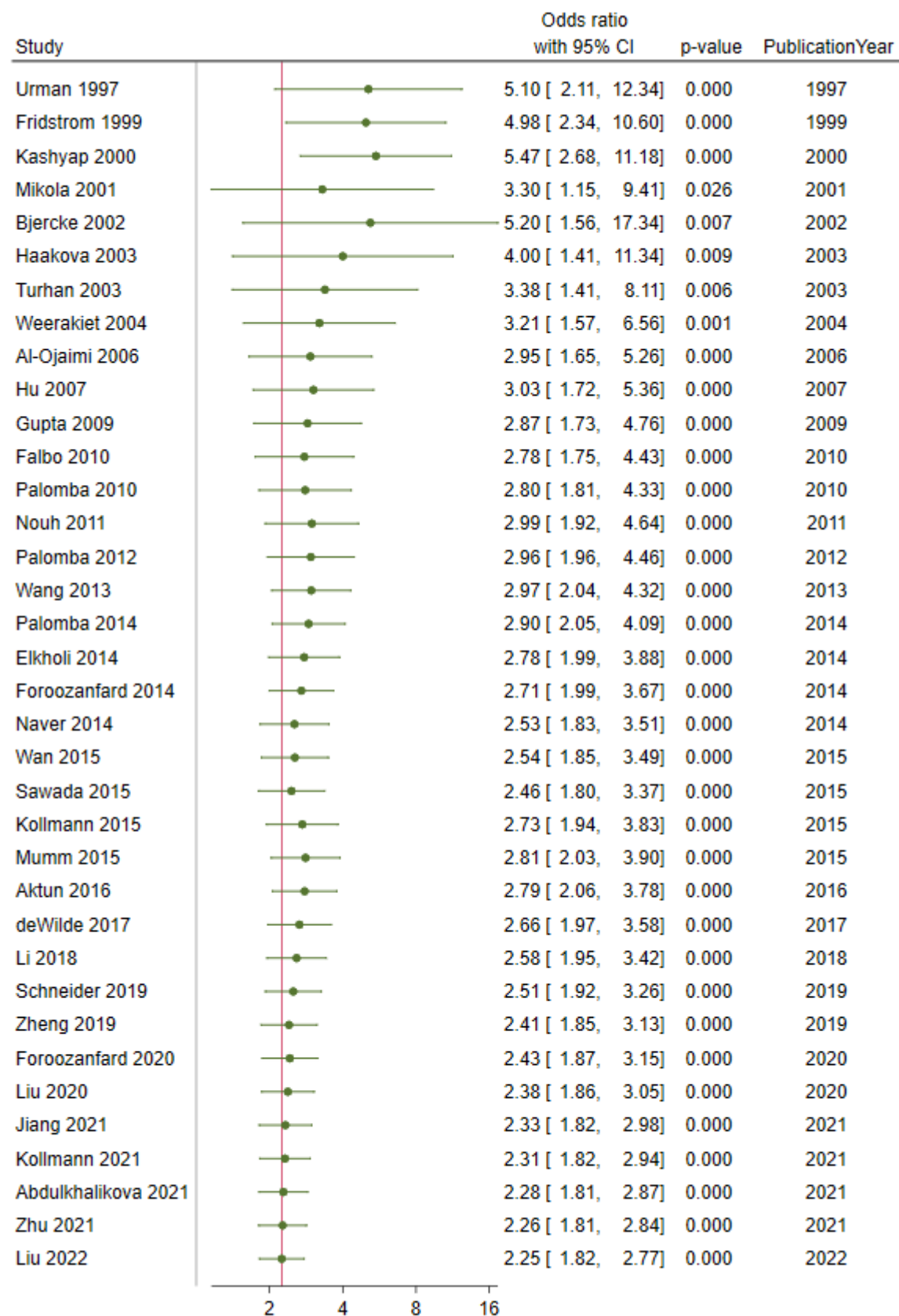
Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
slope	0.7423486	0.1276175	5.82	0.000	0.4863803	0.9983169
bias	0.3398212	0.4690604	0.72	0.472	-0.6009948	1.280637

Test of H0: no small-study effects P = 0.472

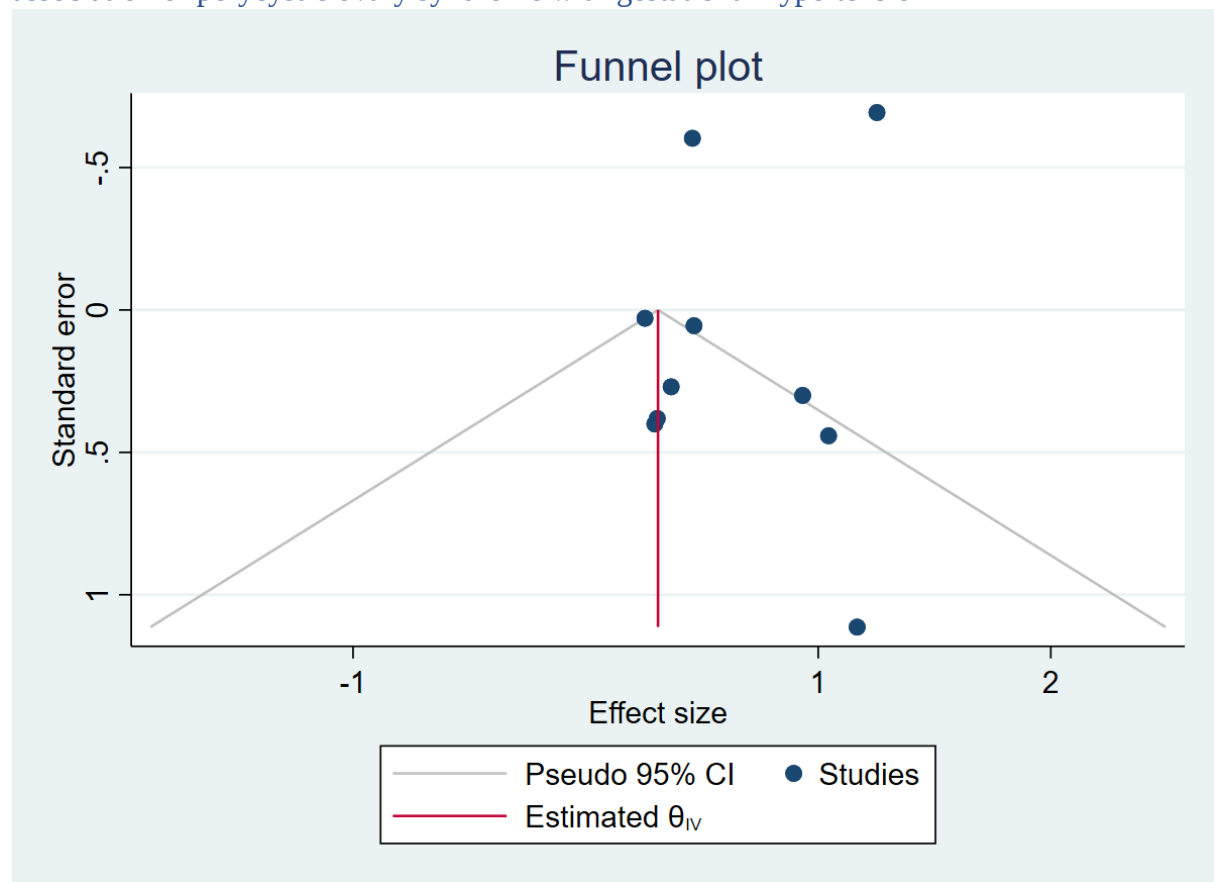
Supplementary Figure 4_a. Forest Plot of association of polycystic ovary syndrome with gestational hypertension



Supplementary Figure 4_b. Cumulative plot of association of polycystic ovary syndrome with gestational hypertension



Supplementary Figure 4_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with gestational hypertension



Source data are provided as a Source Data file.

Egger's test for small study effects on the outcome of gestational hypertension

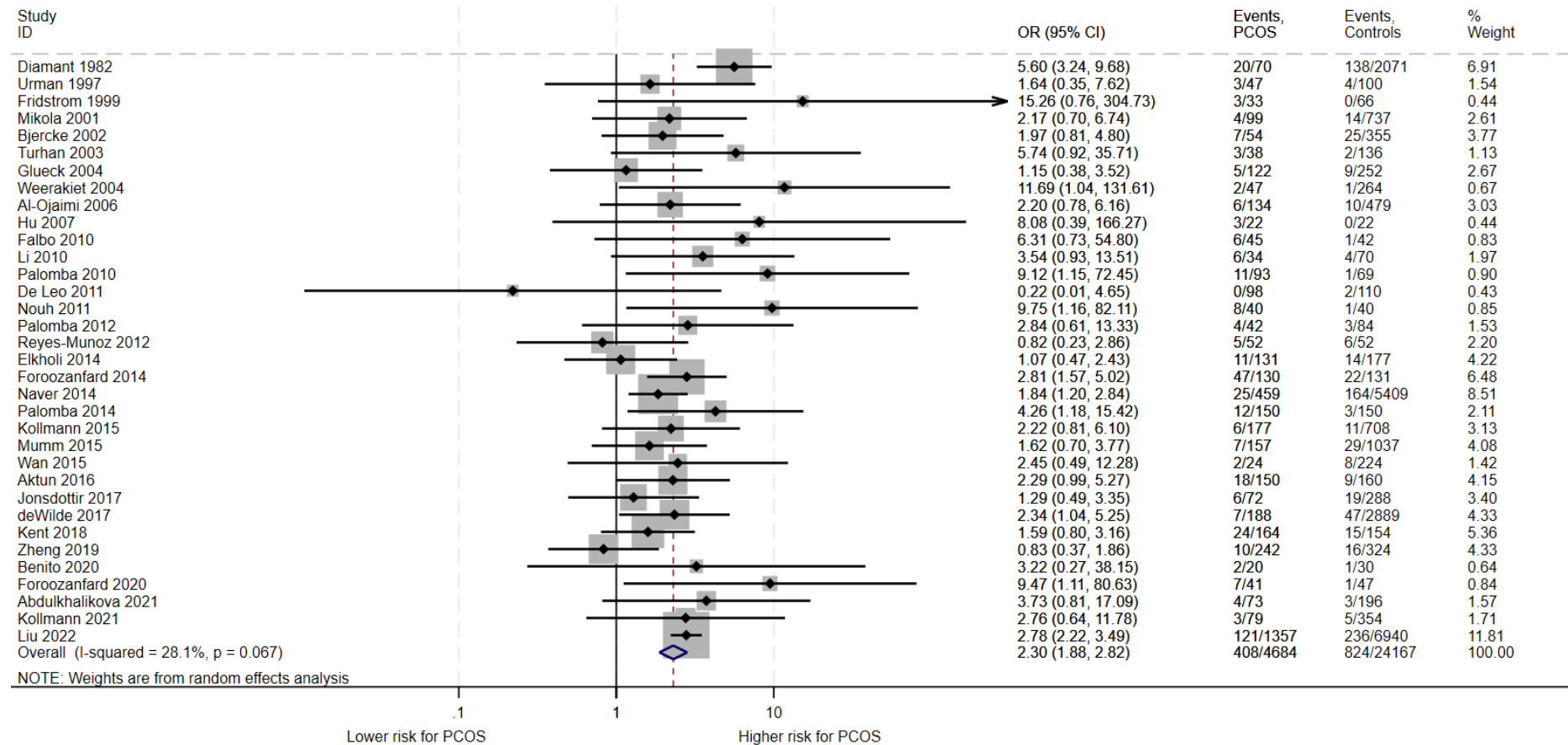
Number of studies = 39

Root MSE = 1.451

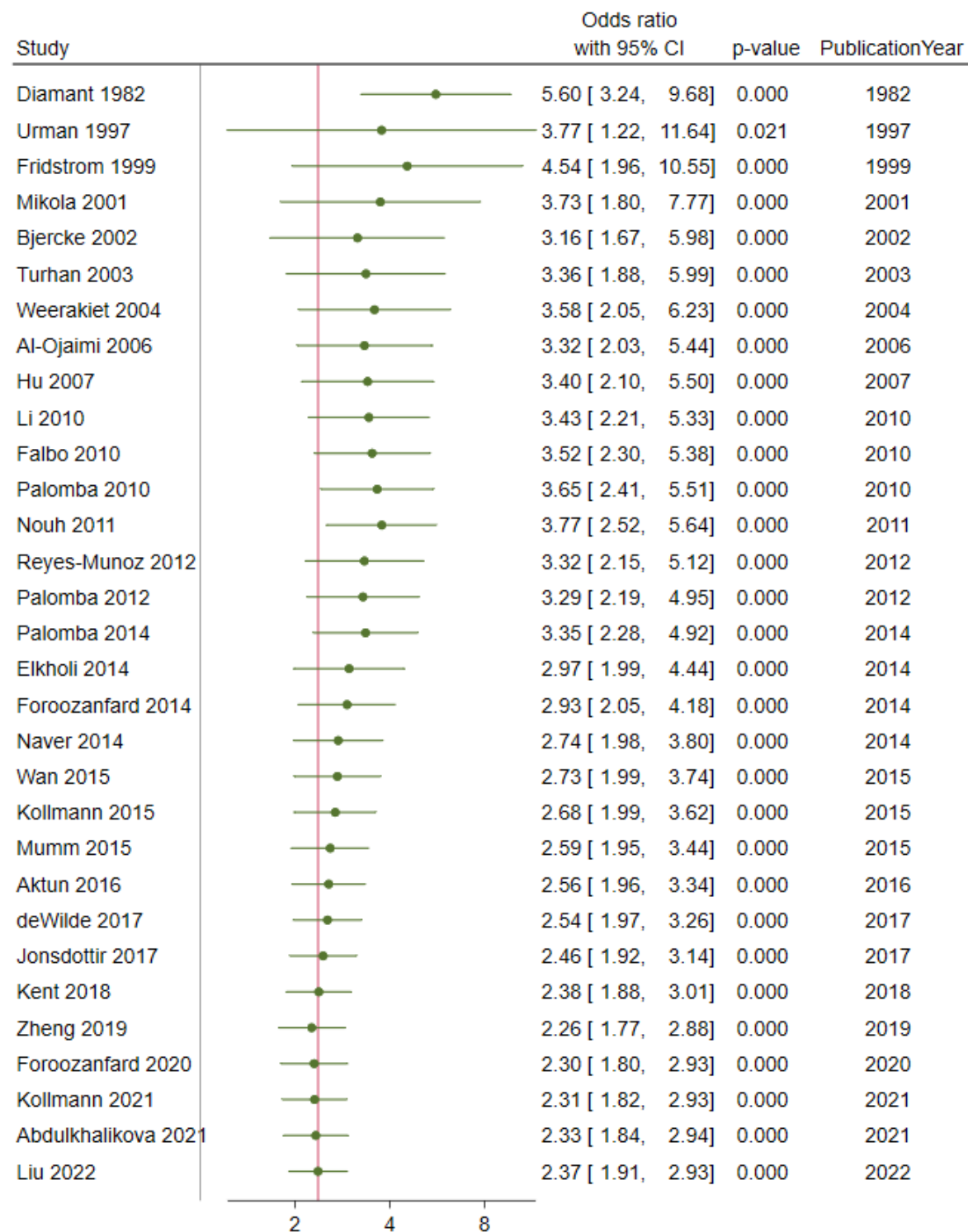
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Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
-----+-----						
slope	0.5824468	0.1344852	4.33	0.000	0.309954	0.8549396
bias	0.4825391	0.3885063	1.24	0.222	-.3046494	1.269728
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Test of H0: no small-study effects P = 0.222

Supplementary Figure 5_a. Forest Plot of association of polycystic ovary syndrome with pre-eclampsia

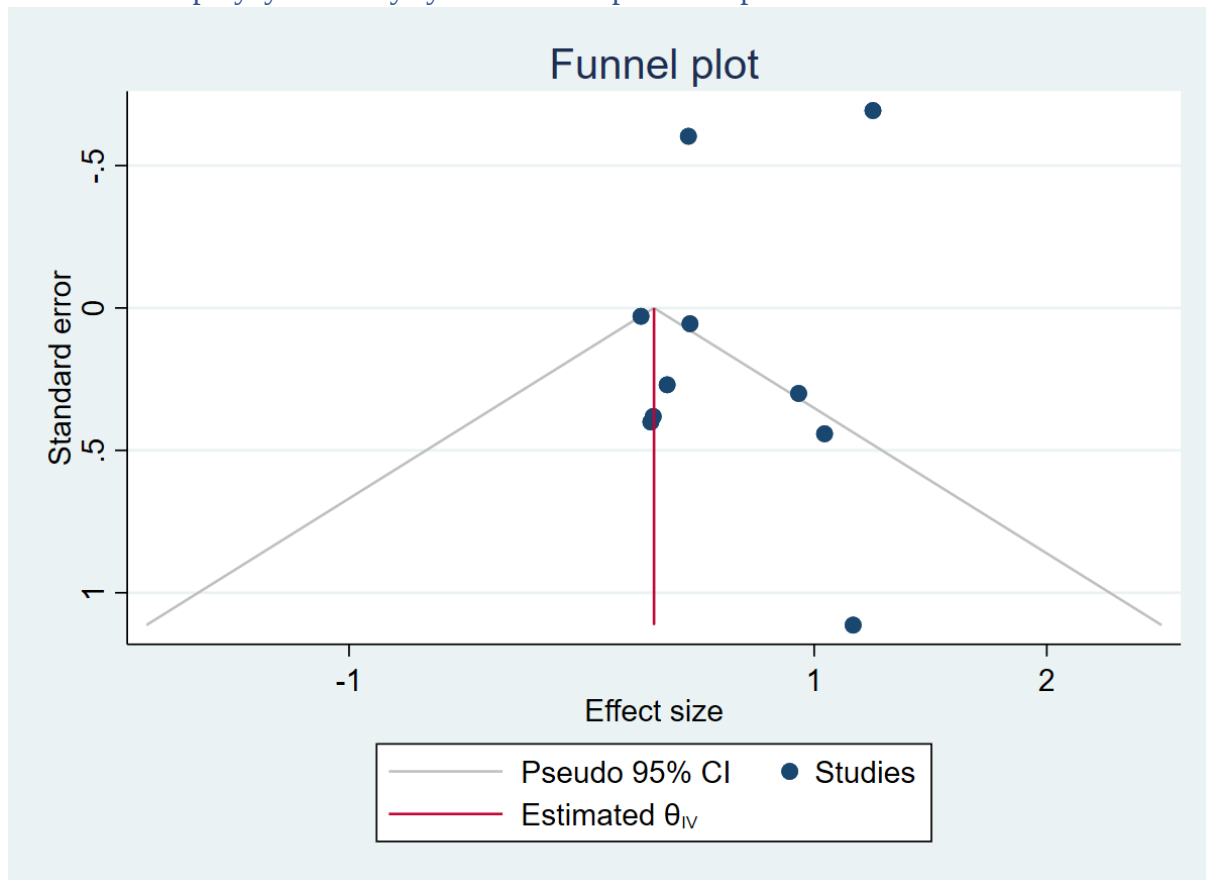


Supplementary Figure 5_b. Cumulative plot of association of polycystic ovary syndrome with pre-eclampsia



Random-effects REML model

Supplementary Figure 5_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with pre-eclampsia



Source data are provided as a Source Data file.

Egger's test for small study effects on the outcome of pre-eclampsia

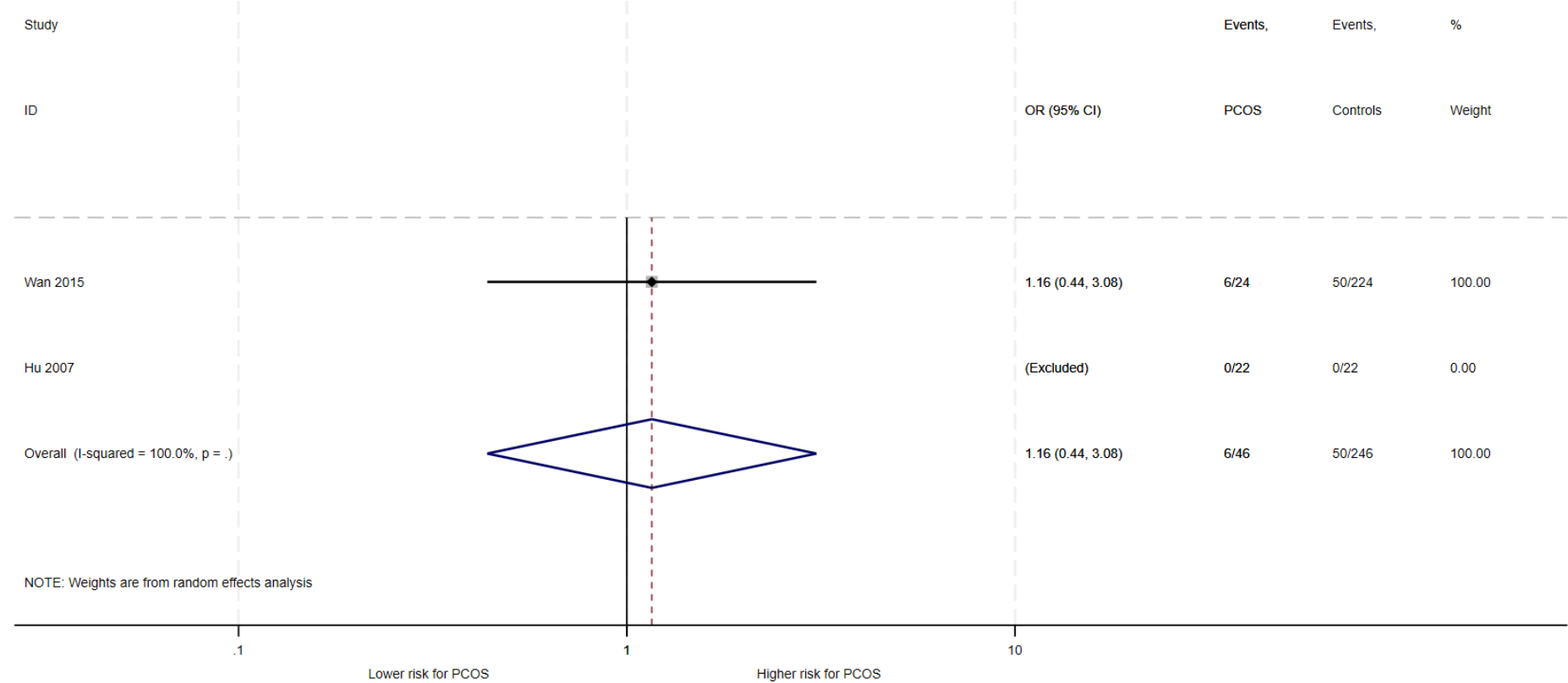
Number of studies = 34

Root MSE = 1.197

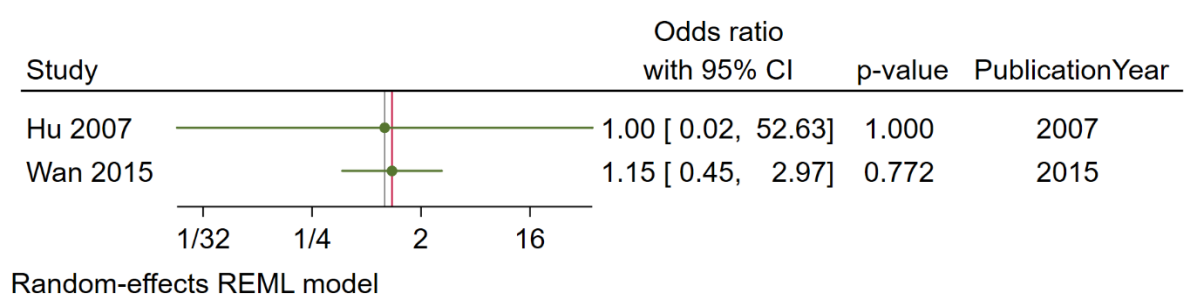
Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
-----+						
slope	0.8668596	0.1397917	6.20	0.000	0.5821132	1.151606
bias	0.0531521	0.3392992	0.16	0.877	-0.6379778	0.744282

Test of H0: no small-study effects P = 0.877

Supplementary Figure 6_a. Forest Plot of association of polycystic ovary syndrome with eclampsia

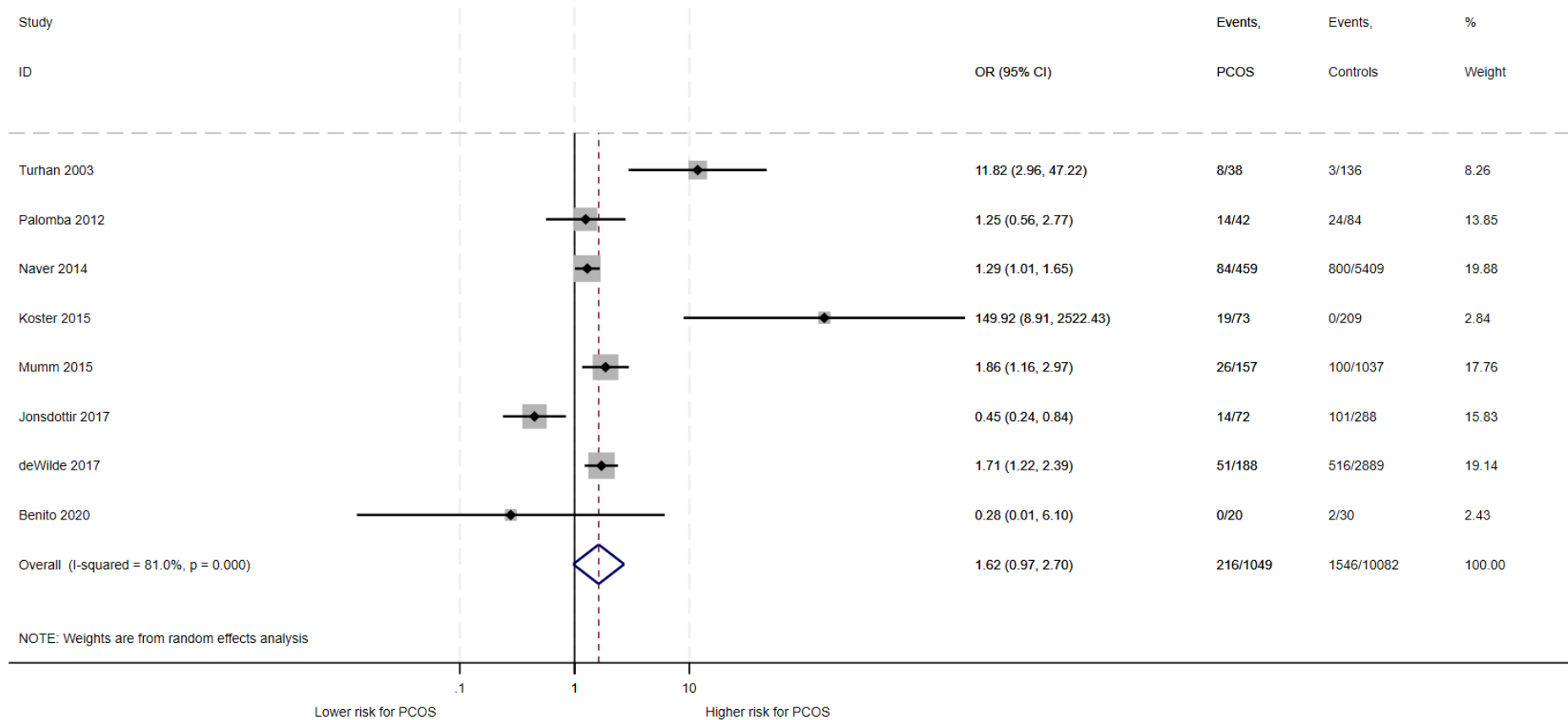


Supplementary Figure 6_b. Cumulative plot of association of polycystic ovary syndrome with eclampsia

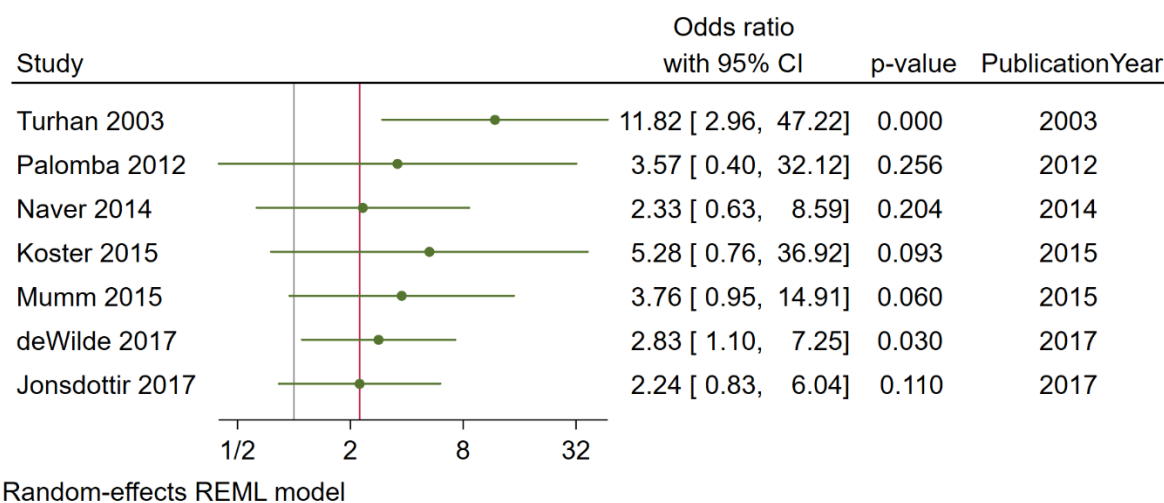


Source data are provided as a Source Data fil.

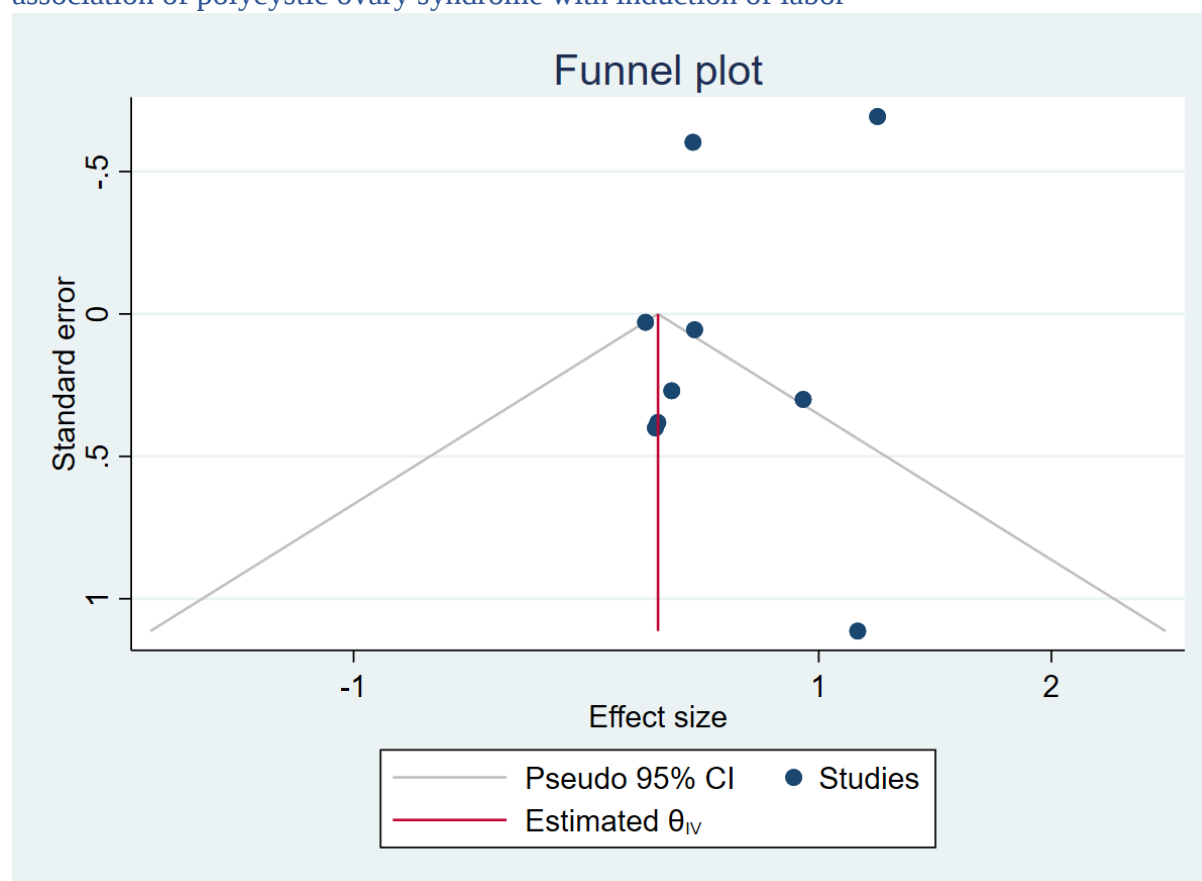
Supplementary Figure 7_a. Forest Plot of association of polycystic ovary syndrome with induction of labor



Supplementary Figure 7_b. Cumulative plot of association of polycystic ovary syndrome with induction of labor

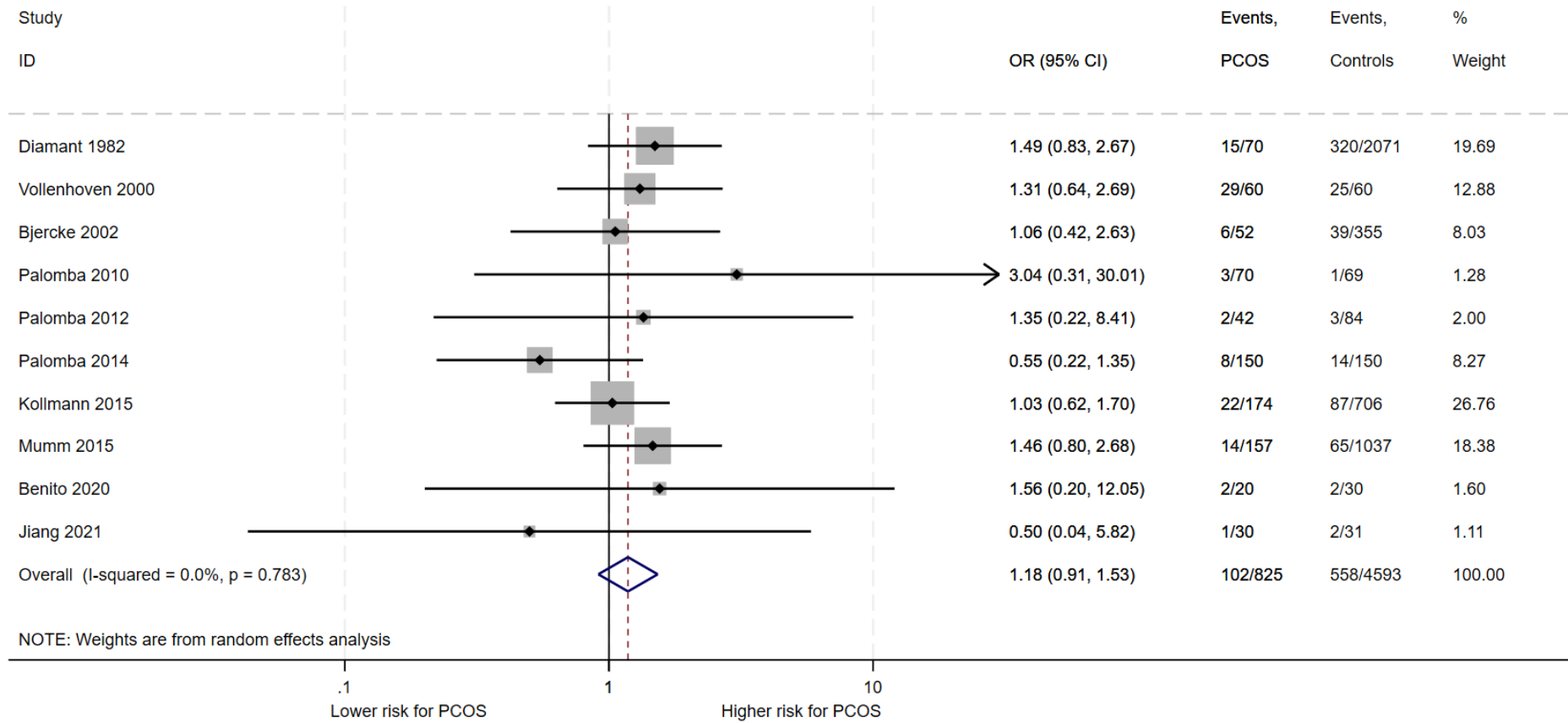


Supplementary Figure 7_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with induction of labor

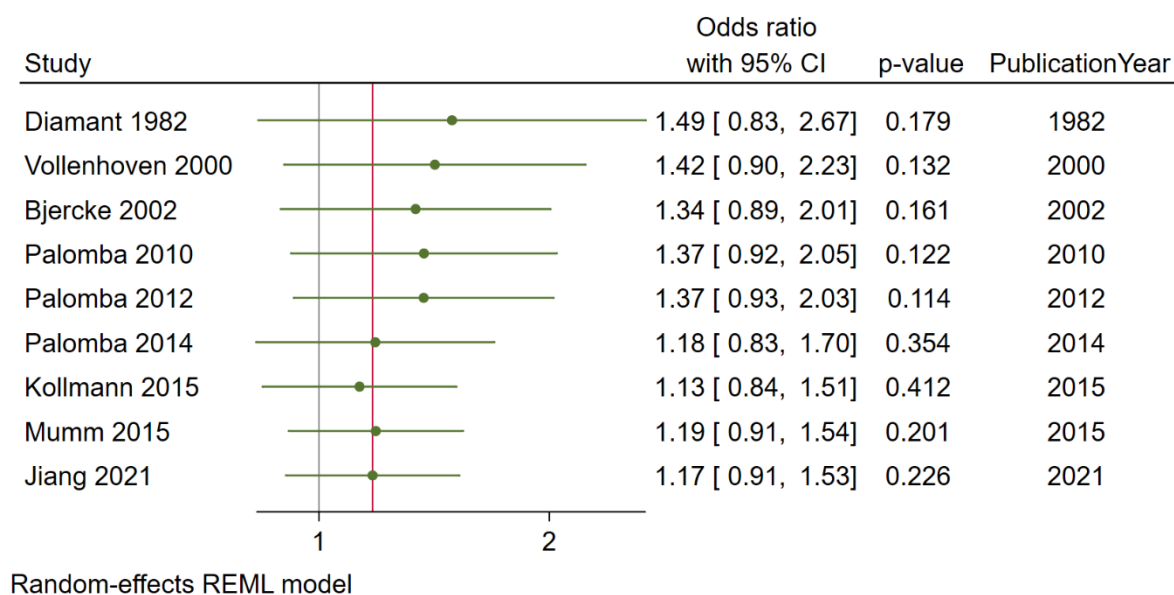


Source data are provided as a Source Data file

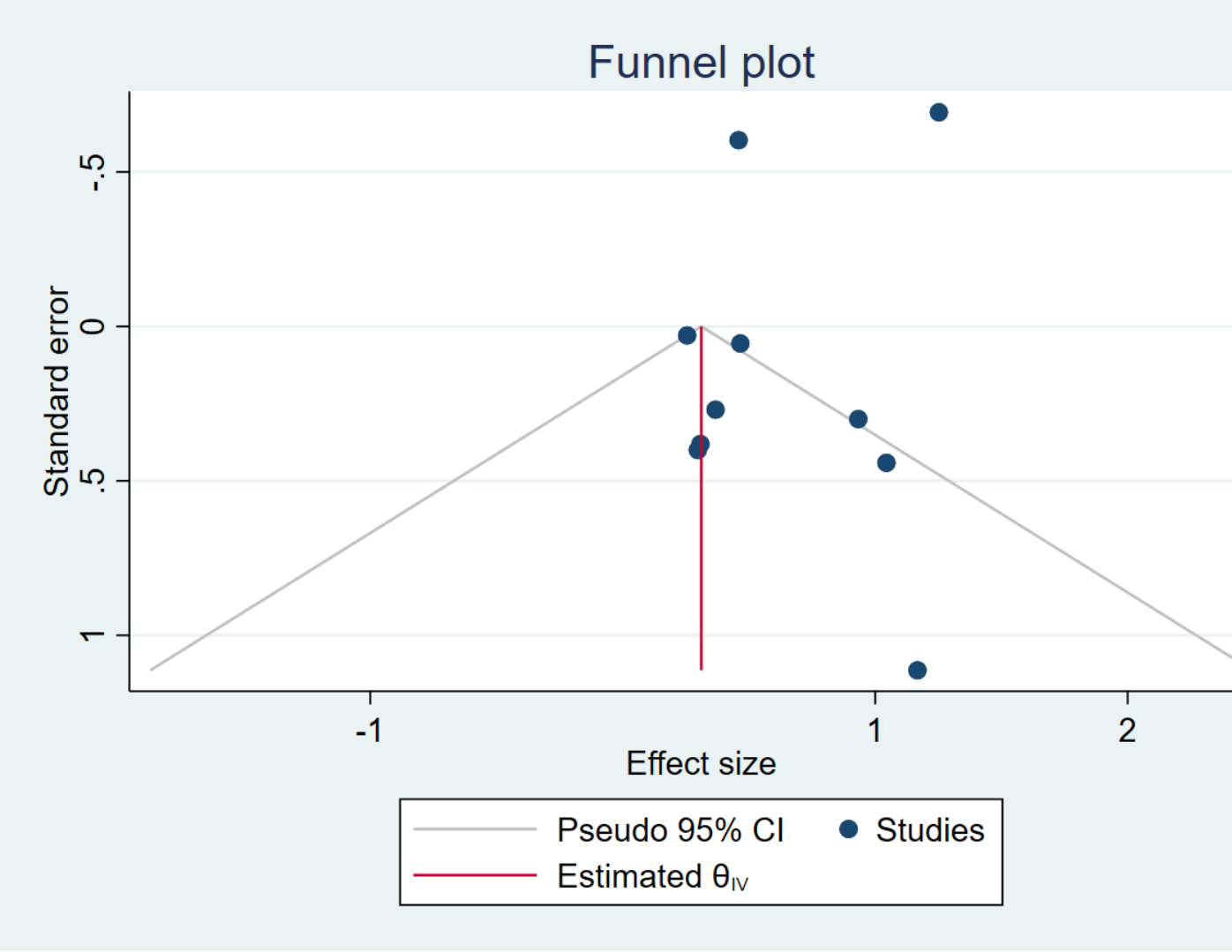
Supplementary Figure 8_a. Forest Plot of association of polycystic ovary syndrome with instrumental delivery



Supplementary Figure 8_b. Cumulative plot of association of polycystic ovary syndrome with instrumental delivery



Supplementary Figure 8_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with instrumental delivery



Source data are provided as a Source Data file.

Egger's test for small study effects on the outcome of instrumental delivery

Number of studies = 10

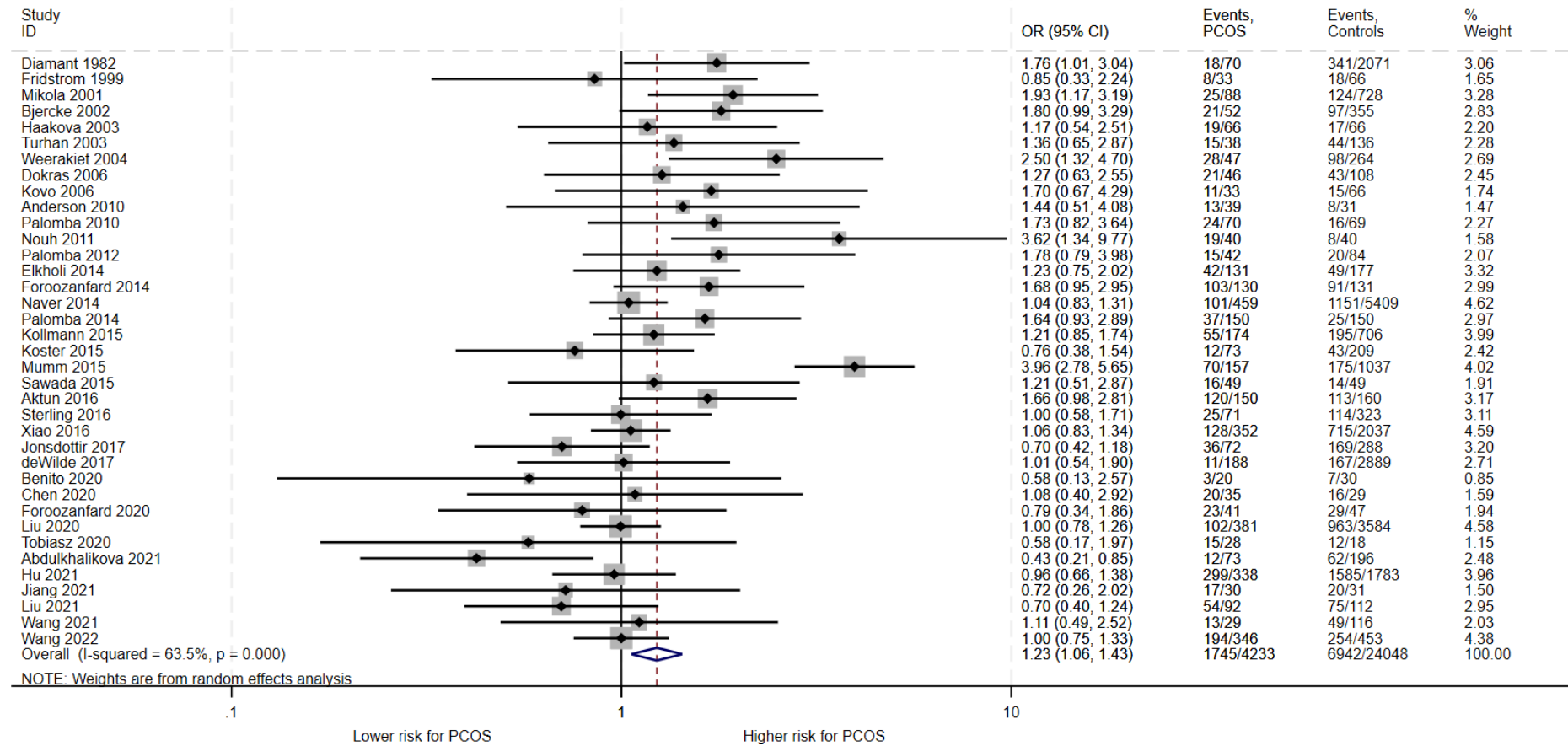
Root MSE = 0.8325

Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
slope	0.1899516	0.2383662	0.80	0.449	-0.3597218	0.7396251
bias	-0.0654463	0.5708984	-0.11	0.912	-1.38194	1.251048

Test of H0: no small-study effects

P = 0.912

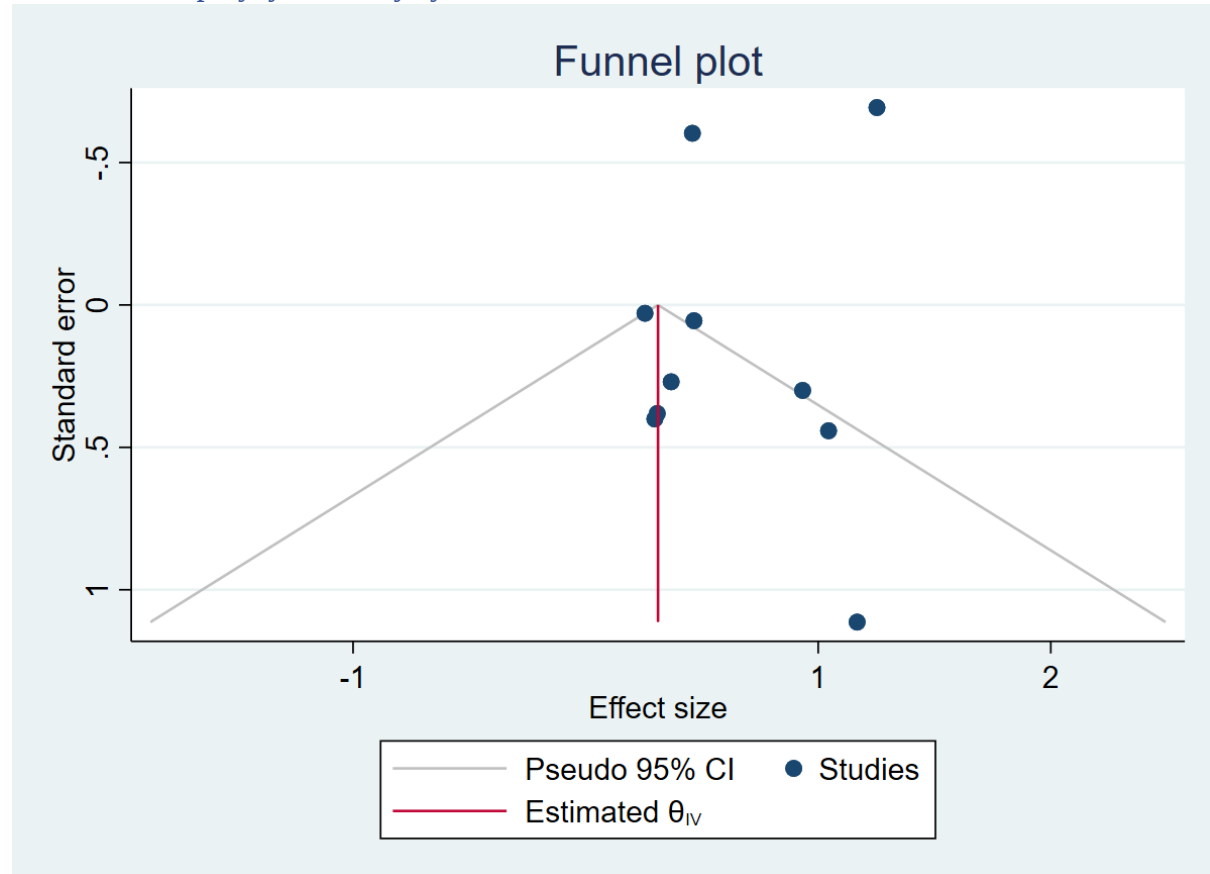
Supplementary Figure 9_a. Forest Plot of association of polycystic ovary syndrome with cesarean section



Supplementary Figure 9_b. Cumulative plot of association of polycystic ovary syndrome with cesarean section

Convergence not achieved during τ^2 estimation

Supplementary Figure 9_c. Funnel plot assessing publication bias in studies on the association of polycystic ovary syndrome with cesarean section



Source data are provided as a Source Data file.

Egger's test for small study effects on the outcome of cesarean section

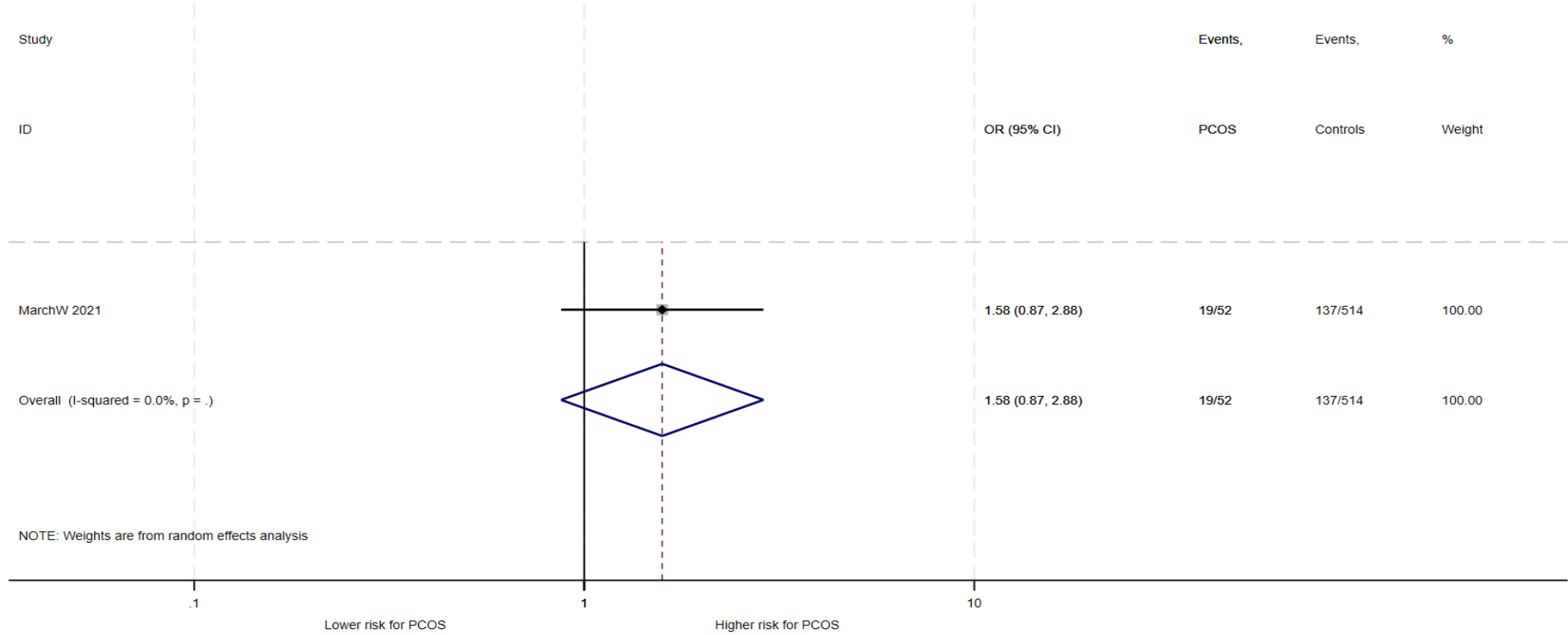
Number of studies = 37

Root MSE = 1.673

Std_Eff	Coefficient	Std. err.	t	P> t	[95% conf. interval]	
slope	0.1212767	0.1488741	0.81	0.421	-0.1809538	0.4235072
bias	0.2696175	0.5954514	0.45	0.653	-0.939213	1.478448

Test of H0: no small-study effects P = 0.653

Supplementary Figure 10_a. Forest Plot of association of polycystic ovary syndrome with perinatal depression



Source data are provided as a Source Data file.