Supplementary Table 1. Leave one out sensitivity analyses of the pooled outcomes.

Outcome	Omitted study	Studies remaining	Pooled effect (Hedges *g*)	95% CI	I^2 (%)	*P* value
Serum Klotho and PE	Sabren (2024)	4	-0.65	-1.93 to 0.62	97.67	0.202
	Fan (2016)	4	-0.45	-1.56 to 0.67	96.68	0.292
	Loichinger (2016)	4	-0.87	-1.58 to -0.15	90.43	0.031
	Miranda (2014)	4	-0.62	-1.92 to 0.67	97.61	0.222
	Zeng (2025)	4	-0.44	-1.54 to 0.65	97.11	0.288
Serum Klotho and IUGR, SGA, and FGR	Fan (2016)	4	-1.11	-1.46 to -0.76	72.45	0.002
	Franklin (2019)	4	-1.04	-1.42 to -0.66	73.41	0.003
	Loichinger (2016)	4	-1.15	-1.45 to -0.85	42.01	0.001
	Miranda (2014)	4	-0.99	-1.29 to -0.70	46.92	0.002
	Zeng (2025)	4	-1.06	-1.45 to -0.66	75.13	0.003
Placental Klotho and Pregnancy Complications	Fan (2016)	2	-1.42	-2.81 to -0.03	29.63	0.049
	Franklin (2019)	2	-1.36	-3.74 to 1.02	69.34	0.087
	Zeng (2025)	2	-1.27	-2.22 to -0.31	0	0.038
Serum Klotho and Pregnancy Complications	Sabren (2024)	5	-0.79	-1.81 to 0.24	98.43	0.100
	Fan (2016)	5	-0.65	-1.67 to 0.37	98.37	0.151
	Franklin (2019)	5	-0.64	-1.64 to 0.37	98.33	0.155
	Loichinger (2016)	5	-1.00	-1.45 to -0.55	89.75	0.003
	Miranda (2014)	5	-0.64	-1.66 to 0.37	98.35	0.153
	Zeng (2025)	5	-0.60	-1.57 to 0.37	97.95	0.160
Serum Klotho and Fetal Outcomes	Fan (2016)	3	-1.17	-1.28 to -1.05	0	<0.001
	Franklin (2019)	3	-1.10	-1.35 to -0.86	0	0.002
	Miranda (2014)	3	-1.11	-1.41 to -0.82	0	0.004
	Zeng (2025)	3	-1.12	-1.46 to -0.78	0	0.005

PE, preeclampsia; IUGR, intrauterine growth restriction; SGA, small for gestational age; FGR, fetal growth restriction; CI, confidence interval; I^2, I squared statistic.

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