Table S4. Publication bias (Egger test) and sensitivity analysis (trim and fill method) of included studies for evaluating the role of vitamin D supplementation in patients with precocious puberty.

	Egger test (t, P)	Number of trim and fill	SMD(95%CI)[a]	SMD(95%CI)[b]
LH	-3.90, 0.011	2	-3.55(-5.11, -1.99)	-5.60(-8.77, -2.44)
FSH	-4.91, 0.003	1	-4.35(-5.79, -2.92)	-6.30(-8.88, -3.72)
Estradiol	-3.04, 0.023	0	-1.21(-1.71, -0.71)	-1.21(-1.71, -0.71)
Bone age	-7.59, 0.005	0	-3.21(-4.86, -1.56)	-3.21(-4.86, -1.56)
Growth rate	4.74, 0.132	-	9.18(-2.14, 20.50)	-
PAH	-0.42, 0.748	-	0.69(0.43, 0.94)	-

LH: Luteinizing hormone; FSH: Follicle stimulating hormone; PAH: predicted adult height

[a]:Original variation; [b]:Variation after trim and fill.