

Supplementary file

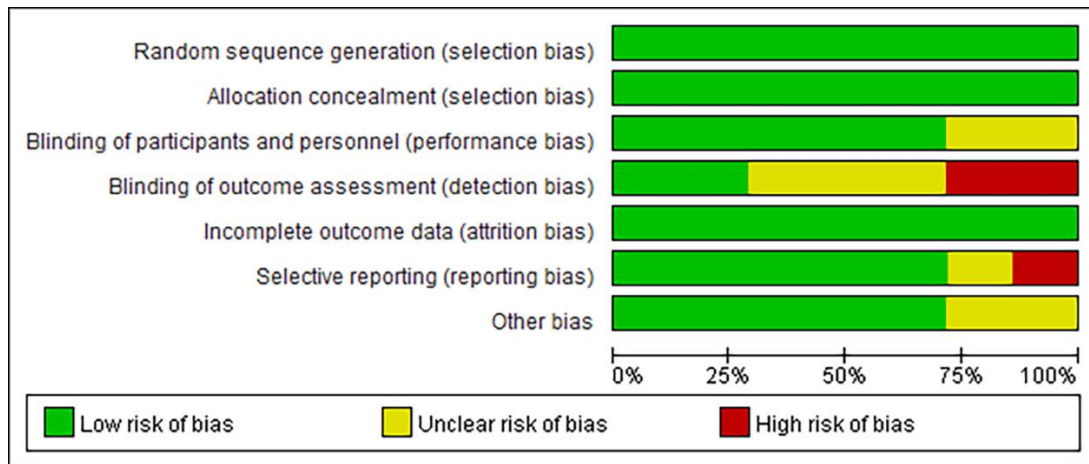


Figure S1A. Risk of bias graph: review authors' judgements about each risk of bias item presented as percentages across all included studies.

Study	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Costa AD 2017	+	+	?	?	+	+	+
Koifala P 2016	+	+	+	-	+	+	?
Liao Y 2017	+	+	?	?	+	+	+
Lussier DM 2015	+	+	+	?	+	-	+
Shen JK 2014	+	+	+	-	+	+	+
Sundara YT 2017	+	+	+	+	+	?	?
Zheng W 2015	+	+	+	+	+	+	+

Figure S1B. Risk of bias summary: review authors' judgements about each risk of bias item for each included study.

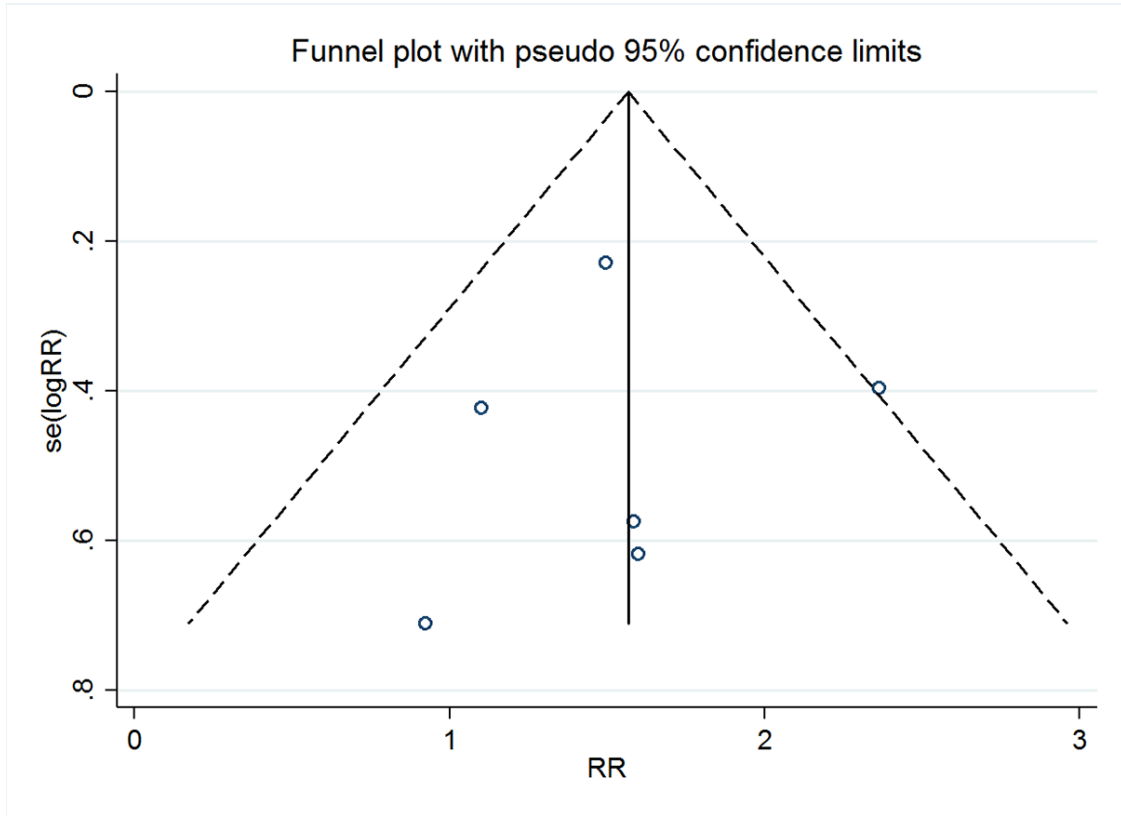


Figure S2. Funnel plot for PD-L1/PD-1 in osteosarcoma.

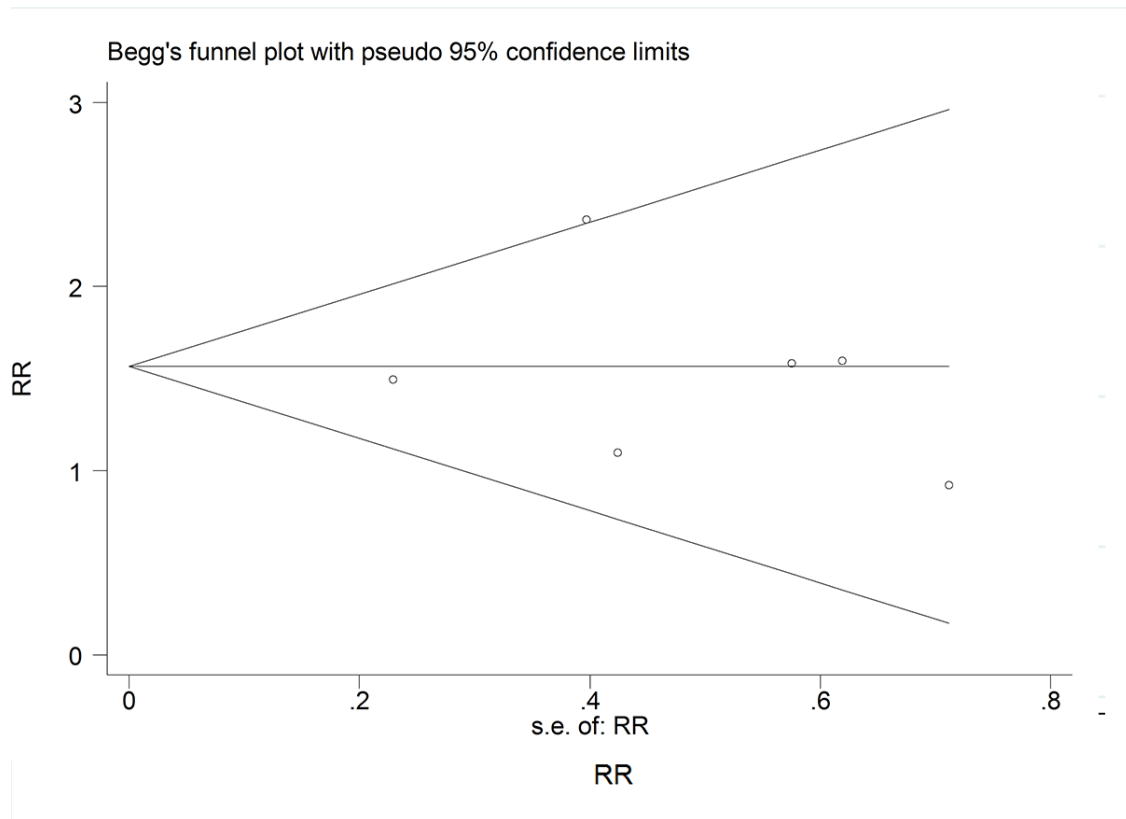


Figure S3. Begg's funnel plot for PD-L1/PD-1 in osteosarcoma.

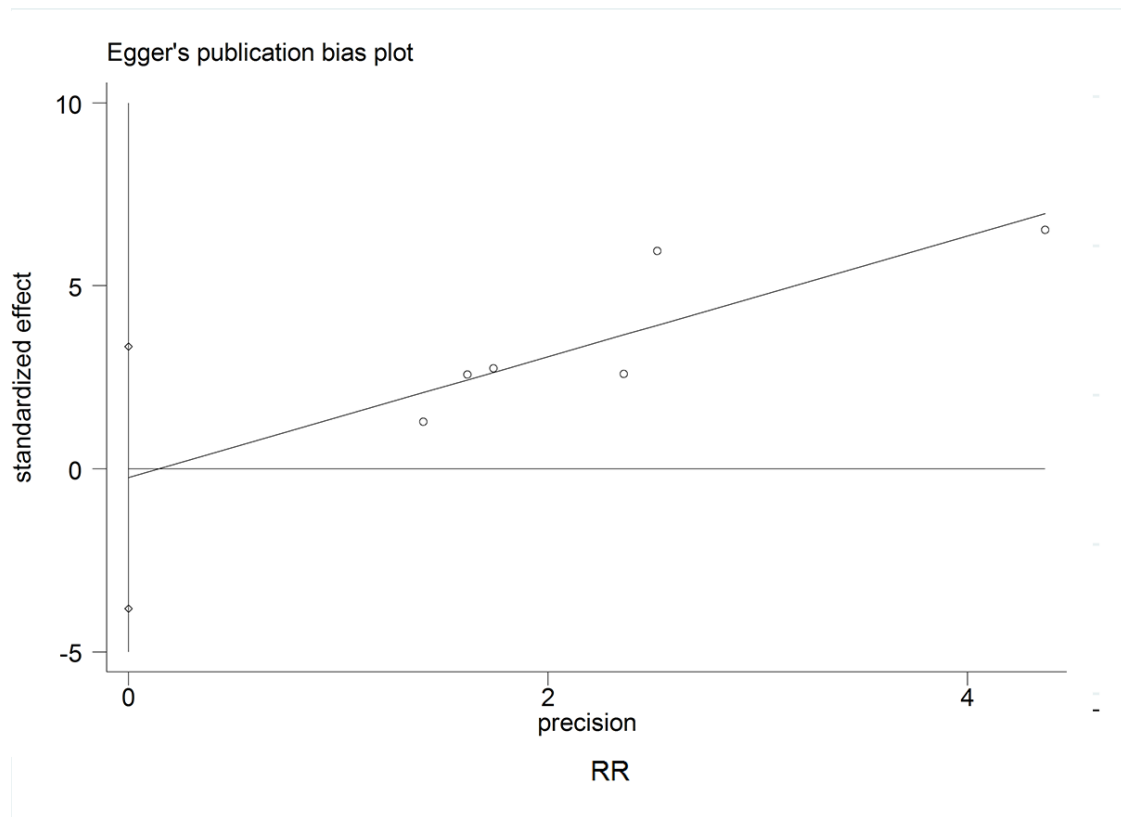


Figure S4. Egger's funnel plot for PD-L1/PD-1 in osteosarcoma.