

	Representativeness of the Exposed Cohort	Selection of the Non-Exposed Cohort	Ascertainment of Exposure	Demonstration That Outcome of Interest Was Not Present at Start of Study	Comparability of Cohorts on the Basis of the Design or Analysis (1)	Comparability of Cohorts on the Basis of the Design or Analysis (2)	Assessment of Outcome	Was Follow-Up Long Enough for Outcomes to Occur	Adequacy of Follow Up of Cohorts
Chotirosniramit 2017	-	-	+	+	+	-	+	+	+
Eskai 2005	-	+	+	+	+	-	+	+	+
Hu 2016	+	+	+	+	+	+	-	+	+
Kasai 2015	-	+	+	+	-	-	+	+	-
Kim 2018	+	+	+	+	+	-	+	+	+
Lin 2019	-	-	+	+	+	-	+	+	+
Moon 2013	+	+	+	+	+	-	-	+	+
Noda 2011	-	+	+	+	+	-	+	+	+
Oba 2014	-	-	+	+	+	-	+	+	+
Peng 2004	-	-	+	+	+	-	-	+	+
Satoh 2000	-	+	+	+	+	-	+	+	+
Wang 1999	-	-	+	+	+	-	-	+	+

Figure S1 Risk of bias summary of the included studies according to the modified Newcastle-Ottawa Scale.

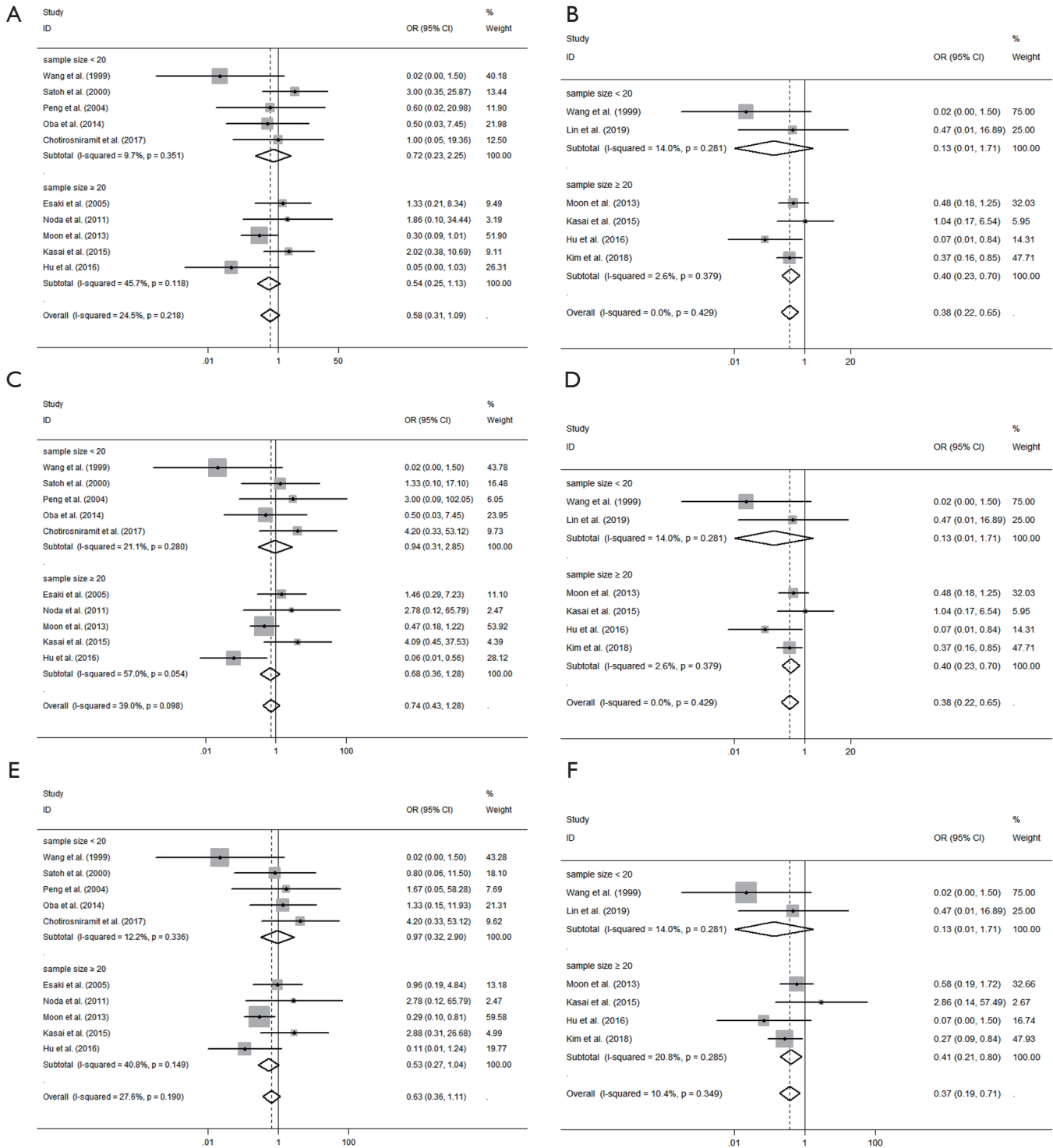
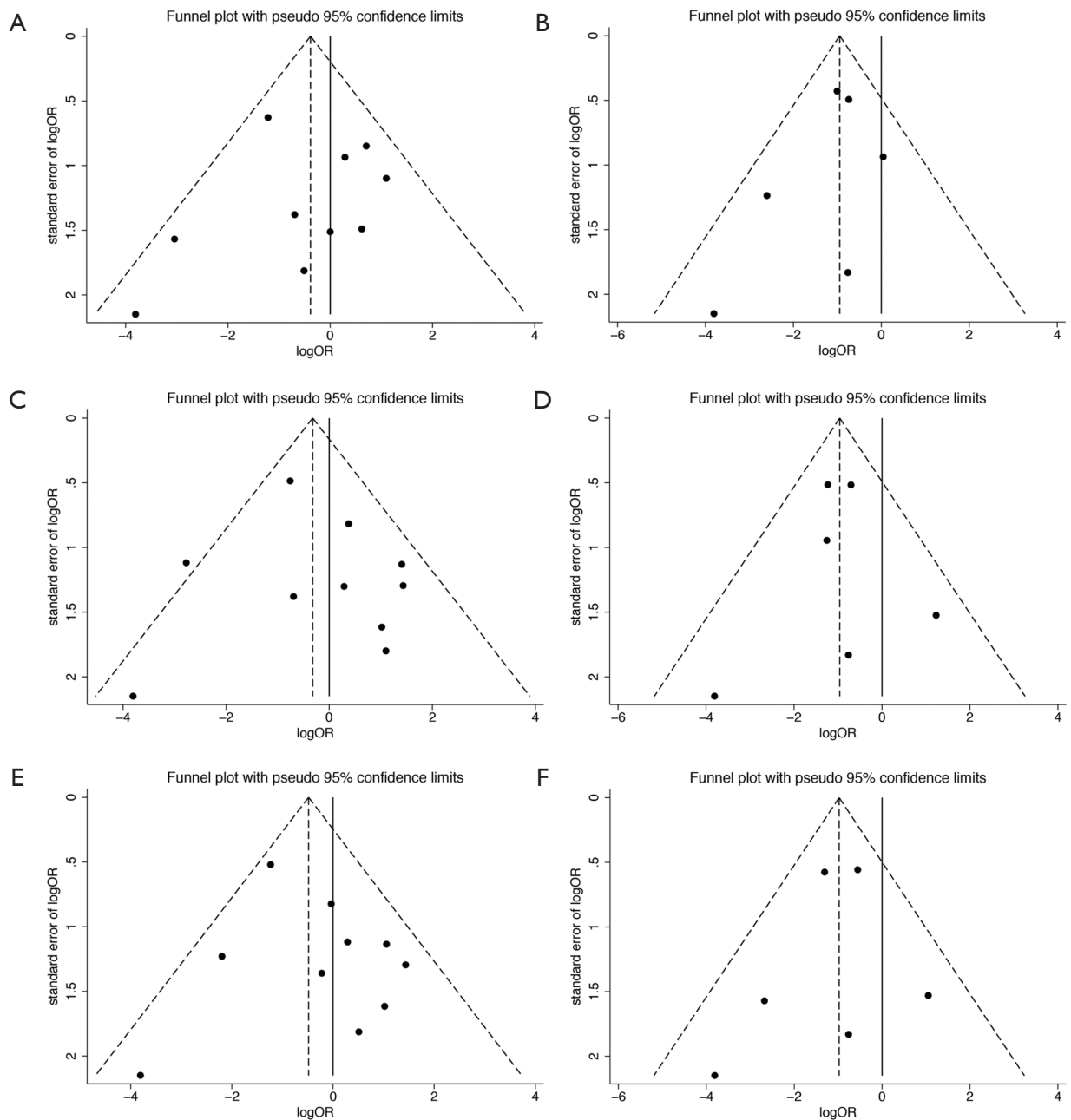


Figure S2 Forest plots of subgroup analysis according to overall sample size (<20 vs. ≥20) for overall survival and recurrence-free survival. (A) Forest plot of OR of 1-year overall survival; (B) forest plot of OR of 1-year recurrence-free survival; (C) forest plot of OR of 3-year overall survival; (D) forest plot of OR of 3-year recurrence-free survival; (E) forest plot of OR of 5-year overall survival; (F) forest plot of OR of 5-year recurrence-free survival.



	1-year OS	3-year OS	5-year OS	1-year RFS	3-year RFS	5-year RFS
G Number of studies	10	10	10	6	6	6
P value for Begg's test	0.152	0.721	1.000	0.707	1.000	0.260
P value for Egger's test	0.661	0.660	0.406	0.375	0.932	0.613

Figure S3 Publication bias of the included studies for overall survival and recurrence-free survival. (A) Funnel plot of 1-year overall survival; (B) funnel plot of 1-year recurrence-free survival; (C) funnel plot of 3-year overall survival; (D) funnel plot of 3-year recurrence-free survival; (E) funnel plot of 5-year overall survival; (F) funnel plot of 5-year recurrence-free survival; (G) quantitative assessment for publication bias.

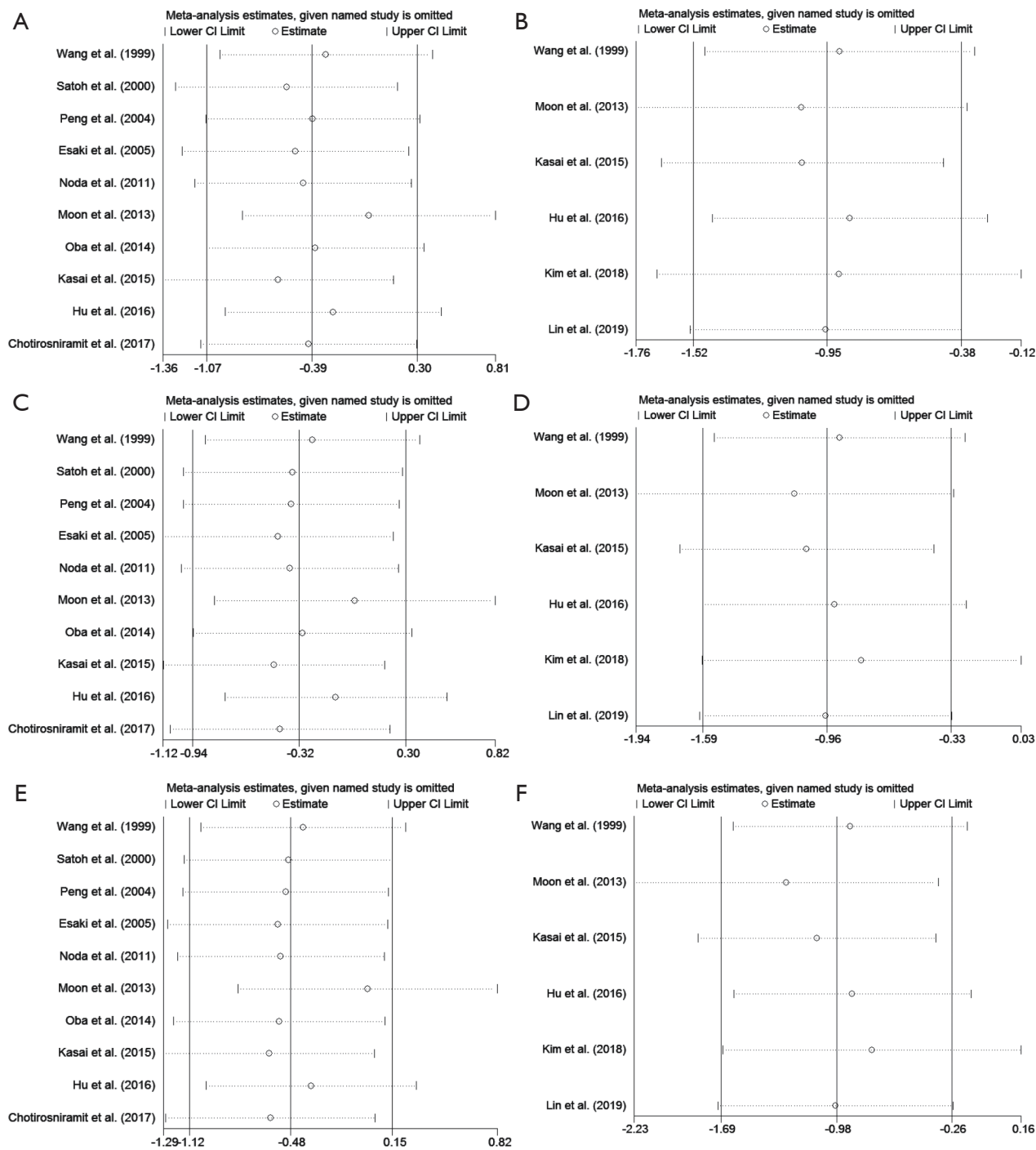


Figure S4 Sensitivity analysis for the evaluation of potential heterogeneity of all the outcomes. (A) sensitivity analysis of 1-year overall survival; (B) sensitivity analysis of 1-year recurrence-free survival; (C) sensitivity analysis of 3-year overall survival; (D) sensitivity analysis of 3-year recurrence-free survival; (E) sensitivity analysis of 5-year overall survival; (F) sensitivity analysis of 5-year recurrence-free survival.