

Supplemental figure. Risk of bias among included studies regarding adequate case definition, consecutive representativeness of cases, selection of community controls, adequate control definition, ascertainment of exposure/independent blind assessment of outcome, comparability of cases and controls, ascertainment of cases and controls/adequacy of the follow-up period, and complete follow-up period/same response rate.

	adequate case definition	consecutive representativeness of cases	selection of community controls	Adequate control definition	ascertainment of exposure/independent blind assessment of outcome	comparability of cases and controls	ascertainment of cases and controls/Adequacy of the follow-up period	complete follow up period/ Same response rate
Abid et al 2013	+	+	+	+	+	+	+	+
Adel Alhazzani et al 2017	+	?	+	+	+	+	+	+
Ahmad et al 2018	+	?	+	+	+	+	+	+
Al-Azzam et al, 2013	+	+	+	?	?	+	?	+
- Al-Jenoobi et al 2012	+	?	?	?	?	+	?	+
Ayesh et al 2019	+	+	+	+	?	+	?	+
Khalaf et al 2016	+	?	+	+	?	+	+	+
Khalil et al, 2016	+	?	+	+	+	+	+	+
Mohammad et al 2018	+	?	+	?	+	+	+	+
Rjoub et al 2018	?	?	?	?	?	?	+	+

⊕ Low risk of bias

⊙ Unclear risk of bias