



**Supplemental Figure S1:** Quality assessment: risk of bias according to Cochrane Collaboration's tool

	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
AVAIL	+	+	+	+	+	+	+
BEYOND	+	+	+	?	+	+	+
Camel	?	?	-	+	?	+	?
CheckMate 227	?	?	-	+	+	+	+
CheckMate 9LA	?	?	-	+	?	+	?
ECOG4599	?	?	-	?	+	+	+
ERACLE	+	+	?	?	+	+	?
GEMSTONE-302	+	+	+	+	?	?	?
IMpower130	+	+	+	+	+	+	?
IMpower132	-	-	?	-	?	?	?
IMpower150	+	+	+	+	+	+	?
JO19907	+	+	-	+	+	+	?
KEYNOTE-021G	+	+	+	+	+	+	?
KEYNOTE-189	+	+	+	+	+	+	?
ORIENT 11	+	+	+	+	+	?	+
PRONOUNCE	?	?	+	?	+	+	+
RATIONALE 304	+	+	-	+	+	+	+