Figure S1 Risk bias table of randomized controlled trials.
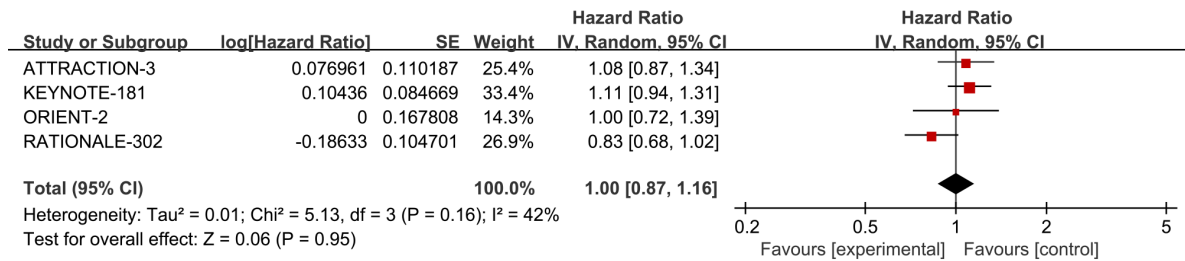

Figure S2 Forest plot for progression-free survival following sensitivity analysis. SE, standard error; CI, confidence interval.
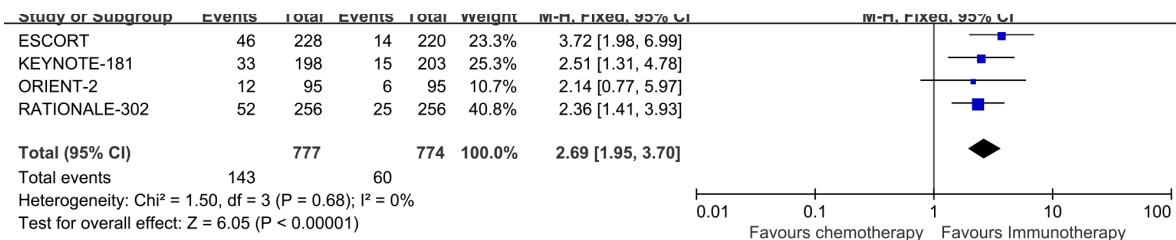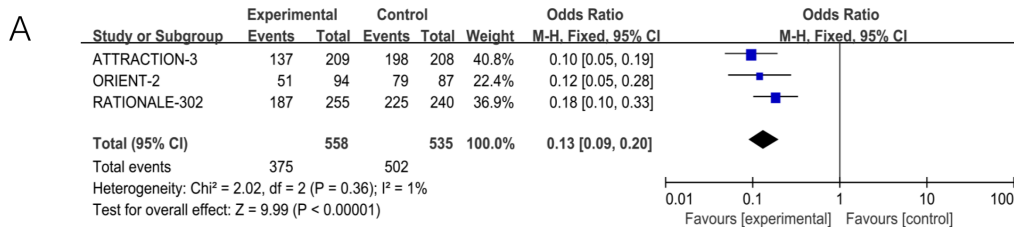

Figure S3 Forest plot for objective response rate following sensitivity analysis. CI, confidence interval.

TRAEs

Any Grade

A

Study or Subgroup	Experimental Events	Total	Control Events	Total	Weight	Odds Ratio M-H, Fixed, 95% CI
ATTRACTION-3	137	209	198	208	40.8%	0.10 [0.05, 0.19]
ORIENT-2	51	94	79	87	22.4%	0.12 [0.05, 0.28]
RATIONALE-302	187	255	225	240	36.9%	0.18 [0.10, 0.33]
Total (95% CI)		558		535	100.0%	0.13 [0.09, 0.20]
Total events	375		502			

Heterogeneity: Chi² = 2.02, df = 2 (P = 0.36); I² = 1%
Test for overall effect: Z = 9.99 (P < 0.00001)

Grade 3-5

B

Study or Subgroup	Experimental Events	Total	Control Events	Total	Weight	Odds Ratio M-H, Fixed, 95% CI
ESCORT	44	228	87	220	35.4%	0.37 [0.24, 0.56]
KEYNOTE-181	57	314	121	296	50.6%	0.32 [0.22, 0.46]
ORIENT-2	19	94	34	87	14.0%	0.39 [0.20, 0.77]
Total (95% CI)		636		603	100.0%	0.35 [0.27, 0.45]
Total events	120		242			

Heterogeneity: Chi² = 0.38, df = 2 (P = 0.83); I² = 0%
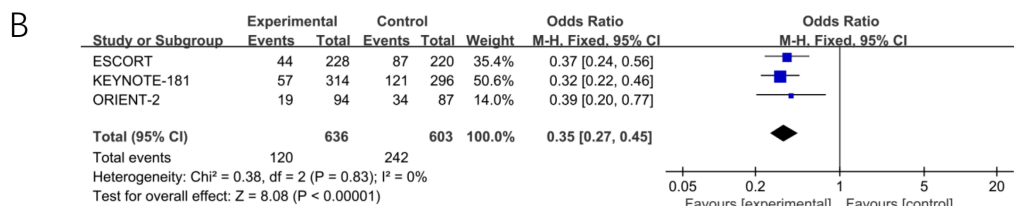Test for overall effect: Z = 8.08 (P < 0.00001)

Figure S4 Forest plot for treatment-related adverse events following sensitivity analysis. (A) any grade. (B) Grade 3–5. CI, confidence interval.