

Supplemental Figure 4

Interaction models for TTNT and OS.

Treatment interaction models for (A) TTNT and (B) OS are shown for MSI caller, and (C) TTNT and (D) OS for TMB10.

(A)	TTNT Model: MSI	HR	p-value
	Risk Score (per unit increase)	1.46 (1.14-1.87)	0.0025
	ICI vs. Chemo	1.43 (0.59-3.48)	0.4334
	MSI-H vs. MSS	1.7 (1.22-2.39)	0.002
	Interaction: MSI-H on ICI	0.11 (0.03-0.42)	0.0014

(B)	OS Model: MSI	HR	p-value
	Risk Score (per unit increase)	1.41 (1.1-1.81)	0.0069
	ICI vs. Chemo	1.65 (0.73-3.74)	0.2264
	MSI-H vs. MSS	1.3 (0.95-1.77)	0.1032
	Interaction: MSI-H on ICI	0.09 (0.02-0.37)	9.00E-04

(C)	TTNT Model: TMB10	HR	p-value
	Risk Score (per unit increase)	2.77 (2.13-3.61)	< 0.001
	ICI vs. Chemo	1.86 (0.86-4.01)	0.1154
	TMB \geq 10 vs. TMB <10	1.22 (0.81-1.83)	0.3398
	Interaction: TMB \geq 10 on ICI	0.15 (0.04-0.61)	0.0084

(D)	OS Model: TMB10	HR	p-value
	Risk Score (per unit increase)	2.71 (2.07-3.54)	< 0.001
	ICI vs. Chemo	1.71 (0.83-3.52)	0.1455
	TMB \geq 10 vs. TMB <10	1.02 (0.69-1.5)	0.9337
	Interaction: TMB \geq 10 on ICI	0.14 (0.03-0.67)	0.0144