

# 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)	<b>TTNT Model: MSI</b>	<b>HR</b>	<b>p-value</b>
	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)	<b>OS Model: MSI</b>	<b>HR</b>	<b>p-value</b>
	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)	<b>TTNT Model: TMB10</b>	<b>HR</b>	<b>p-value</b>
	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)	<b>OS Model: TMB10</b>	<b>HR</b>	<b>p-value</b>
	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