

Spatial Distance	Predictor	Biomarker	Knots	<i>P</i> (*)	HR (#)	95%LL	95%UL
cancer-to-CD163+	$Q^{NND}(p)$	FR-NNDQ	20	0.026	1.81	1.18	2.79
cancer-to-CD163+	$Q^{NND}(p)$	nFR-NNDQ	c(4,20)	0.026	1.81	1.18	2.79
cancer-to-CD163+	$f^{NND}(r)$	FR-NNDD	25	0.038	1.66	1.20	2.29
cancer-to-CD163+	$f^{NND}(r)$	nFR-NNDD	c(4,20)	0.741	2.40	1.79	3.20
cancer-to-CD8+	$Q^{NND}(p)$	FR-NNDQ	20	0.772	1.10	0.85	1.43
cancer-to-CD8+	$Q^{NND}(p)$	nFR-NNDQ	c(4,20)	0.772	1.10	0.85	1.43
cancer-to-CD8+	$f^{NND}(r)$	FR-NNDD	25	0.985	1.03	0.76	1.39
cancer-to-CD8+	$f^{NND}(r)$	nFR-NNDD	c(4,20)	0.003	2.34	1.90	2.87

(*) approximate test of significance of smooth terms [McLean et al, 2014]

(#) HR corresponds to increase equal to IQR of the corresponding FR-NND