

Variable	by Variable	Spearman $\rho$	Prob>  $\rho$
Overall Survival	living cells	-0,1264	0,6062
Overall Survival	HLADR+	-0,0614	0,8027
Overall Survival	PD-L1+	0,0931	0,7047
Overall Survival	CD86+	-0,2264	0,3513
Overall Survival	CD45+	-0,2726	0,2588
Overall Survival	HLADR+/CD45+	-0,0290	0,9063
Overall Survival	CD45+/PD-L1+	0,3098	0,1968
Overall Survival	CD45+/CD86+	-0,0237	0,9233
Overall Survival	CD45+/CD11b+	-0,1659	0,4974
Overall Survival	CD45+/CD11b+/CD14+	-0,1790	0,4634
Overall Survival	CD45+/CD11b+/CD14+/HLADR+	0,0707	0,7735
Overall Survival	CD45+/CD11b+/CD14+/PD-L1+	0,3721	0,1167
Overall Survival	CD45+/CD11b+/CD14+/CD86+	-0,2361	0,3306
Survival since 1st recurrence	living cells	-0,1936	0,4565
Survival since 1st recurrence	HLADR+	0,2181	0,4003
Survival since 1st recurrence	PD-L1+	0,4510	0,0692
Survival since 1st recurrence	CD86+	-0,1569	0,5477
Survival since 1st recurrence	CD45+	0,0270	0,9182
Survival since 1st recurrence	HLADR+/CD45+	0,1961	0,4507
Survival since 1st recurrence	CD45+/PD-L1+	0,5907	0,0125*
Survival since 1st recurrence	CD45+/CD86+	0,0049	0,9851
Survival since 1st recurrence	CD45+/CD11b+	-0,1422	0,5863
Survival since 1st recurrence	CD45+/CD11b+/CD14+	0,0564	0,8298
Survival since 1st recurrence	CD45+/CD11b+/CD14+/HLADR+	0,3057	0,2328
Survival since 1st recurrence	CD45+/CD11b+/CD14+/PD-L1+	0,6324	0,0065*
Survival since 1st recurrence	CD45+/CD11b+/CD14+/CD86+	-0,0637	0,8080
Survival since 1st recurrence	Overall Survival	0,8535	<,0001*
Survival since vaccination	living cells	-0,0165	0,9481
Survival since vaccination	HLADR+	0,1890	0,4527
Survival since vaccination	PD-L1+	0,3523	0,1517
Survival since vaccination	CD86+	0,0743	0,7694
Survival since vaccination	CD45+	0,1834	0,4664
Survival since vaccination	HLADR+/CD45+	0,1209	0,6328
Survival since vaccination	CD45+/PD-L1+	0,3893	0,1103
Survival since vaccination	CD45+/CD86+	0,1229	0,6272
Survival since vaccination	CD45+/CD11b+	-0,1208	0,6330
Survival since vaccination	CD45+/CD11b+/CD14+	0,1208	0,6330
Survival since vaccination	CD45+/CD11b+/CD14+/HLADR+	0,2260	0,3673
Survival since vaccination	CD45+/CD11b+/CD14+/PD-L1+	0,4430	0,0656
Survival since vaccination	CD45+/CD11b+/CD14+/CD86+	0,0279	0,9126
Survival since vaccination	Overall Survival	0,3487	0,1562
Survival since vaccination	Survival since 1st recurrence	0,7712	0,0005*
Survival since vaccination	Nr of vaccines	0,6921	0,0015*

**Supplementary Material Table S1. Spearman's non-parametric correlation.** The table reports the values of Spearman's coefficient (significant when >0.6), and the corresponding p-values, where significance levels are highlighted by the colors red (p<0.05) or orange (p<0.01 or p<0.001).