

	Mean score in SLE controls	Mean score in SLE cases	p-value	R ²		Mean score in DLBCL controls	Mean score DLBCL cases	p-value	R ²
SLE-PRS	61.74	65.44	<2e-16	0.36	SLE-PRS	9.04E-16	4.76E-02	0.014	0.00053
DLBCL-PRS	30.01	30.22	<2e-16	0.0078	DLBCL-PRS	8.62E-16	9.26E-01	<2e-16	0.16
	Mean score in SLE controls	Mean score in SLE cases	p-value	R ²		Mean score in MZL controls	Mean score MZL cases	p-value	R ²
SLE-PRS	61.74	65.44	<2e-16	0.36	SLE-PRS	62.35	62.79	5.73E-06	0.0032
MZL-PRS	8.68	8.82	1.08E-15	0.0065	MZL-PRS	67.95	74.28	<2e-16	0.21
	Mean score in SLE controls	Mean score in SLE cases	p-value	R ²		Mean score in CLL controls	Mean score CLL cases	p-value	R ²
SLE-PRS	61.74	65.44	<2e-16	0.36	SLE-PRS	1.13E-16	-4.42	0.29	0.00011
CLL-PRS	37.83845	37.97593	2.89E-06	0.002229017	CLL-PRS	-7.62E-16	8.46E-01	<2e-16	0.11
	Mean score in SLE controls	Mean score in SLE cases	p-value	R ²		Mean score in FL controls	Mean score FL cases	p-value	R ²
SLE-PRS	61.74	65.44	<2e-16	0.36	SLE-PRS	5.11E-16	-7.87E-02	0.00048	0.0012
FL-PRS	33.41	33.38	0.3	0.00011	FL-PRS	6.67E-16	1.08E+00	<2e-16	0.19
	Mean score in RA controls	Mean score in RA cases	p-value	R ²		Mean score in DLBCL controls	Mean score DLBCL cases	p-value	R ²
RA-PRS	33.06	35.88	<2e-16	0.38	RA-PRS	1.96E-15	-2.80E-02	0.146	0.00018
DLBCL-PRS	15.79	15.8	0.74	3.97E-05	DLBCL-PRS	-6.19E-16	7.73E-01	<2e-16	0.12
	Mean score in RA controls	Mean score in RA cases	p-value	R ²		Mean score in MZL controls	Mean score MZL cases	p-value	R ²
RA-PRS	33.06	35.88	<2e-16	0.38	RA-PRS	64.34	64.094	0.0097	0.00105
MZL-PRS	9.67	9.68	0.73	4.38E-05	MZL-PRS	31.03	34.18	<2e-16	0.12
	Mean score in RA controls	Mean score in RA cases	p-value	R ²		Mean score in CLL controls	Mean score CLL cases	p-value	R ²
RA-PRS	33.06	35.88	<2e-16	0.38	RA-PRS	2.59E-16	8.60E-03	0.706	1.42E-05
CLL-PRS	23.48	23.52	0.343	0.0003	CLL-PRS	-6.28E-16	8.21E-01	<2e-16	0.1
	Mean score in RA controls	Mean score in RA cases	p-value	R ²		Mean score in FL controls	Mean score FL cases	p-value	R ²
RA-PRS	33.06	35.88	<2e-16	0.38	RA-PRS	2.27E-15	9.52E-03	0.671	1.89E-05
FL-PRS	20.82321	20.99859	3.99E-05	0.006	FL-PRS	-5.05E-16	8.83E-01	<2e-16	0.13
	Mean score in MS controls	Mean score in MS cases	p-value	R ²		Mean score in DLBCL controls	Mean score DLBCL cases	p-value	R ²
MS-PRS	38.37	39.80	<2e-16	0.20	MS-PRS	-1.61E-16	-6.19E-05	0.998	9.48E-10
DLBCL-PRS	30.17	30.19	0.17	0.00	DLBCL-PRS	9.13E-16	8.98E-01	<2e-16	0.16
	Mean score in MS controls	Mean score in MS cases	p-value	R ²		Mean score in MZL controls	Mean score MZL cases	p-value	R ²
MS-PRS	38.37	39.80	<2e-16	0.20	MS-PRS	38.57	38.6	0.627	3.71E-05
MZL-PRS	31.73	31.75	0.42	2.40E-05	MZL-PRS	43.74	47.91	<2e-16	0.15
	Mean score in MS controls	Mean score in MS cases	p-value	R ²		Mean score in CLL controls	Mean score CLL cases	p-value	R ²
MS-PRS	38.37	39.80	<2e-16	0.20	MS-PRS	9.52E-16	-5.33E-02	0.0448	0.00045
CLL-PRS	38.05	38.06	0.75	3.86E-06	CLL-PRS	-7.09E-16	7.05E-01	<2e-16	0.06936638
	Mean score in MS controls	Mean score in MS cases	p-value	R ²		Mean score in FL controls	Mean score FL cases	p-value	R ²
MS-PRS	38.37	39.80	<2e-16	0.20	MS-PRS	6.40E-17	-1.05E-01	1.98E-06	0.0023
FL-PRS	33.2	33.03	<2e-16	0.004	FL-PRS	1.61E-16	9.50E-01	<2e-16	0.15