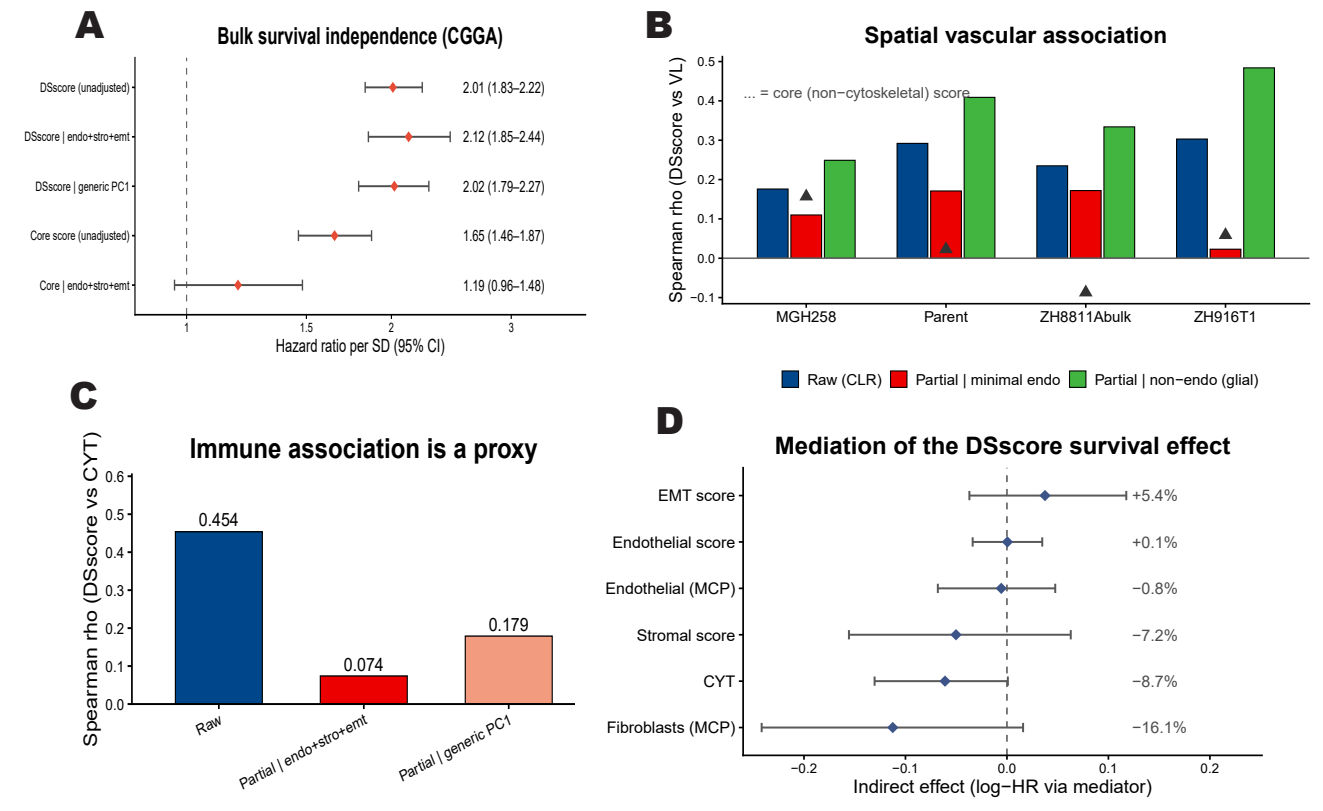

A
Bulk survival independence (CGGA)
DSscore (unadjusted)
DSscore | endo+stro+emt
DSscore | generic PC1
Core score (unadjusted)
Core | endo+stro+emt
2.01 (1.83–2.22)
2.12 (1.85–2.44)
2.02 (1.79–2.27)
1.65 (1.46–1.87)
1.19 (0.96–1.48)
1
1.5
2
3
Hazard ratio per SD (95% CI)
B
Spatial vascular association
... = core (non−cytoskeletal) score
Spearman rho (DSscore vs VL)
0.5
0.4
0.3
0.2
0.1
0.0
−0.1
MGH258
Parent
ZH8811Abulk
ZH916T1
Raw (CLR)
Partial | minimal endo
Partial | non−endo (glial)
C
Immune association is a proxy
Spearman rho (DSscore vs CYT)
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.454
0.074
0.179
Raw
Partial | endo+stro+emt
Partial | generic PC1
D
Mediation of the DSscore survival effect
EMT score
Endothelial score
Endothelial (MCP)
Stromal score
CYT
Fibroblasts (MCP)
+5.4%
+0.1%
−0.8%
−7.2%
−8.7%
−16.1%
−0.2
−0.1
0.0
0.1
0.2
Indirect effect (log−HR via mediator)