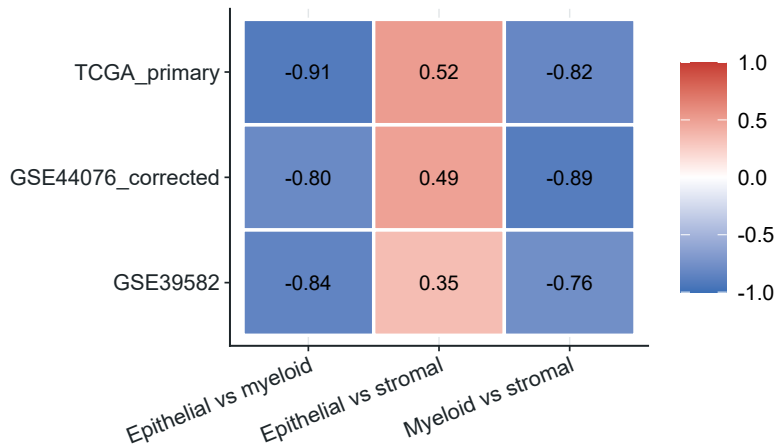
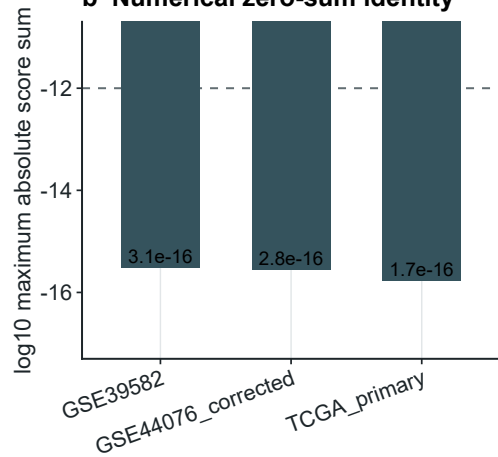


a Pairwise score dependence



b Numerical zero-sum identity



c Interpretation constraint

Weight-matrix rank = 2 (three vectors)

Maximum gene-wise weight sum = 2.22e-16

Therefore the three compartment scores are algebraic contrasts, not independent programs