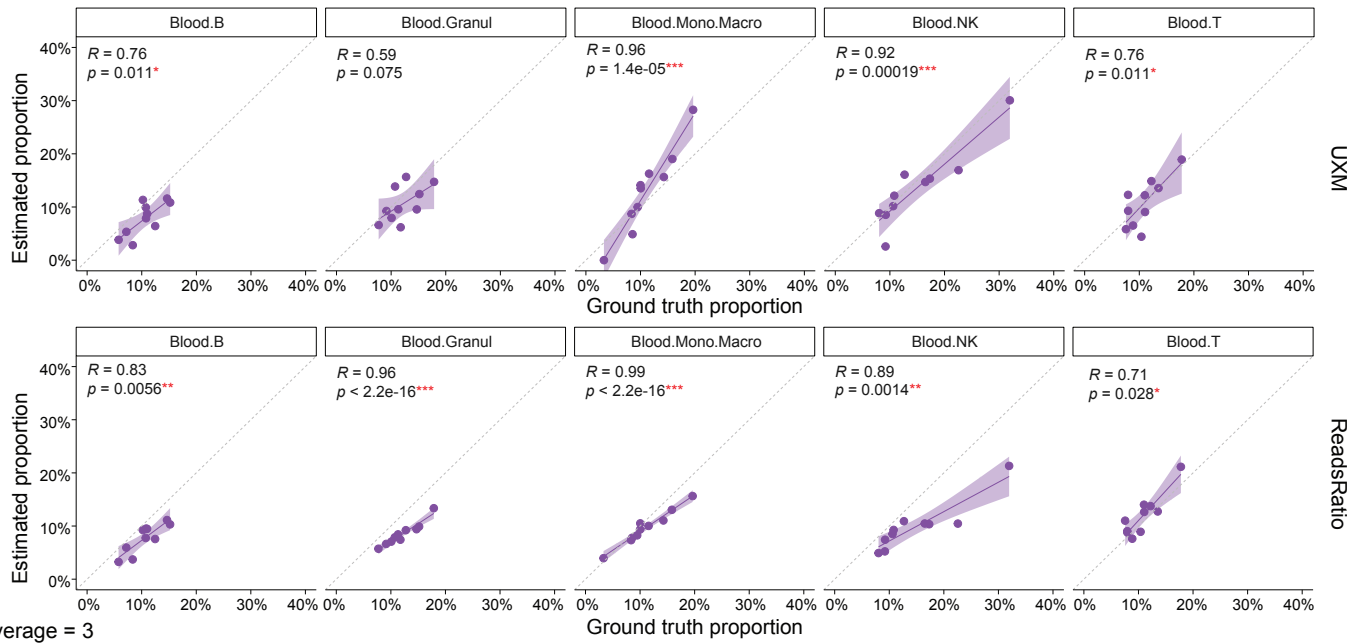
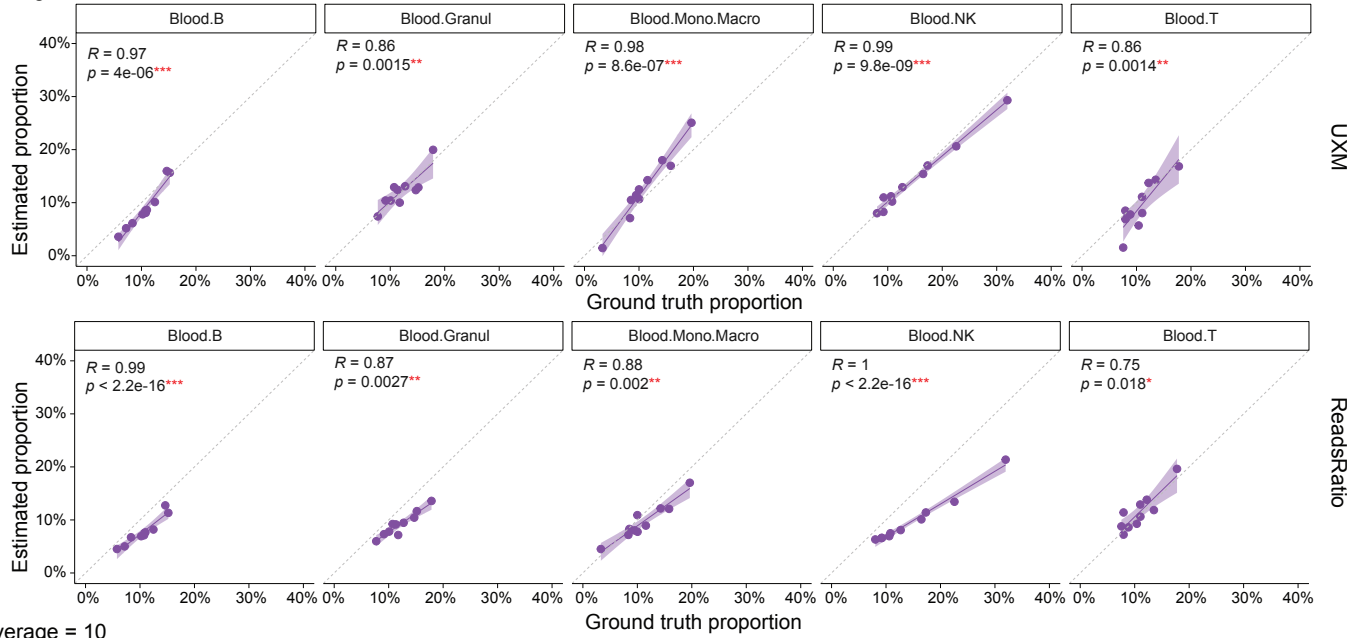


A Coverage = 1



B Coverage = 3



C Coverage = 10

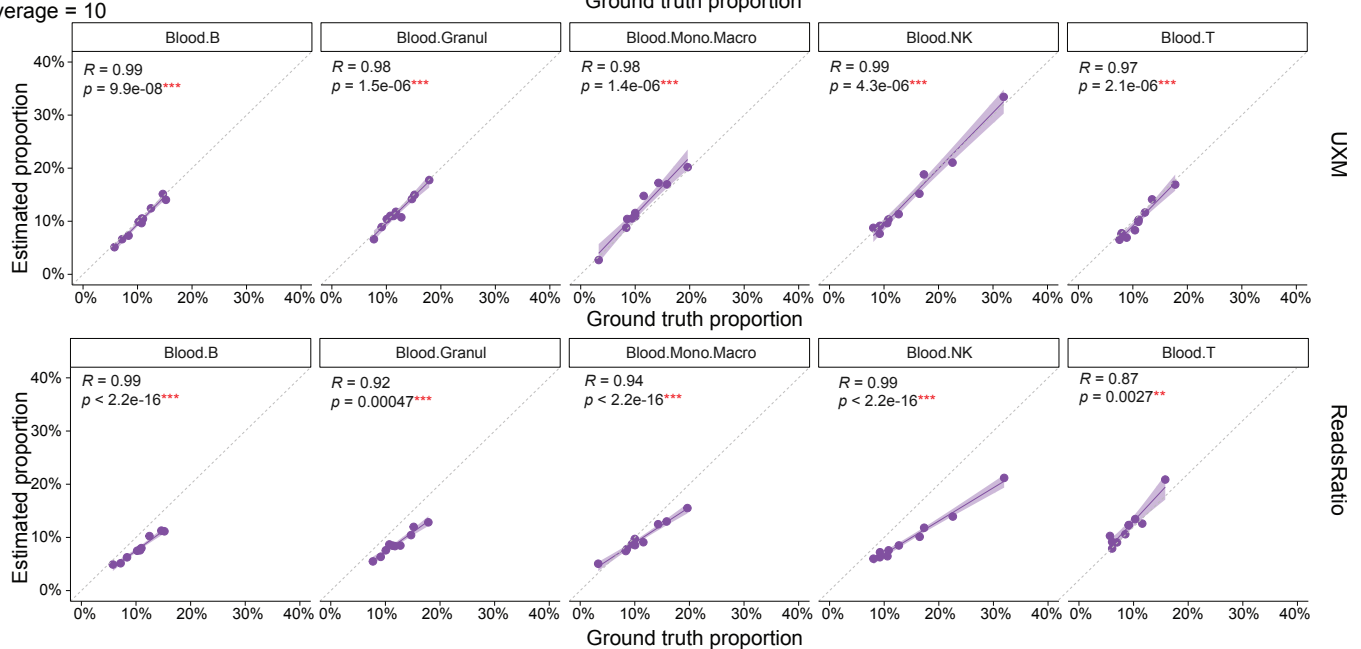


Fig S11. Benchmark the performance of ReadsRatio on simulated data with known ground truth proportion of all cell types following constrained random distribution, for blood cell types

A-C. Correlation between ground truth and estimated proportion from UXM (top) and ReadsRatio (bottom) for blood cell types following constrained random distribution with simulation coverage of 1 (A), coverage of 3 (B) and coverage of 10 (C).