Dataset	Quintile 1 (lowest 20%)	Quintile 2	Quintile 3	Quintile 4	Quintile 5 (highest 20%)
SMARTseq dispersion	mean: 2.05 median: 1.606	mean: 0.984 median: 0.66	mean: 0.465 median: 0.304	mean: 0.277 median: 0.181	mean: 0.204 median: 0.134
SoLo dispersion	mean: 0.686 median: 0.369	mean: 0.367 median: 0.160	mean: 0.169 median: 0.081	mean: 0.104 median: 0.058	mean: 0.092 median: 0.056
SMARTseq normalized confidence interval size	mean: 2.469 median: 2.417	mean: 1.876 median: 1.900	mean: 1.369 median: 1.236	mean: 1.053 median: 0.901	mean: 0.841 median: 0.677
SoLo normalized confidence interval size	mean: 2.043 median: 1.995	mean: 1.426 median: 1.270	mean: 0.966 median: 0.776	mean: 0.713 median: 0.573	mean: 0.630 median: 0.503

Table S2: Mean and Median variance in each quintile of gene expression