ERS3861778 (1,954 × 60,623)

raw

Gene variance vs Gene mean — CoV: 172.6

Transform cell count vs Raw cell count — r²: 1.00

Frequency vs Spearman r — mean: 1.00

PF

Gene variance vs Gene mean — CoV: 145.2

Transform cell count vs Raw cell count — r²: 0.00

Frequency vs Spearman r — mean: 1.00

sqrt

Gene variance vs Gene mean — CoV: 21.4

Transform cell count vs Raw cell count — r²: 0.93

Frequency vs Spearman r — mean: 1.00

log1p

Gene variance vs Gene mean — CoV: 3.9

Transform cell count vs Raw cell count — r²: 0.91

Frequency vs Spearman r — mean: 1.00

log1pCP10k

Gene variance vs Gene mean — CoV: 3.7

Transform cell count vs Raw cell count — r²: 0.37

Frequency vs Spearman r — mean: 1.00

log1pCPM

Gene variance vs Gene mean — CoV: 2.3

Transform cell count vs Raw cell count — r²: 0.73

Frequency vs Spearman r — mean: 1.00

scalelog1pCP10k

Computationally intractable

sctransform

Computationally intractable

log1pPF

Gene variance vs Gene mean — CoV: 3.2

Transform cell count vs Raw cell count — r²: 0.45

Frequency vs Spearman r — mean: 1.00

PFlog1pPF

Gene variance vs Gene mean — CoV: 6.3

Transform cell count vs Raw cell count — r²: 0.00

Frequency vs Spearman r — mean: 1.00