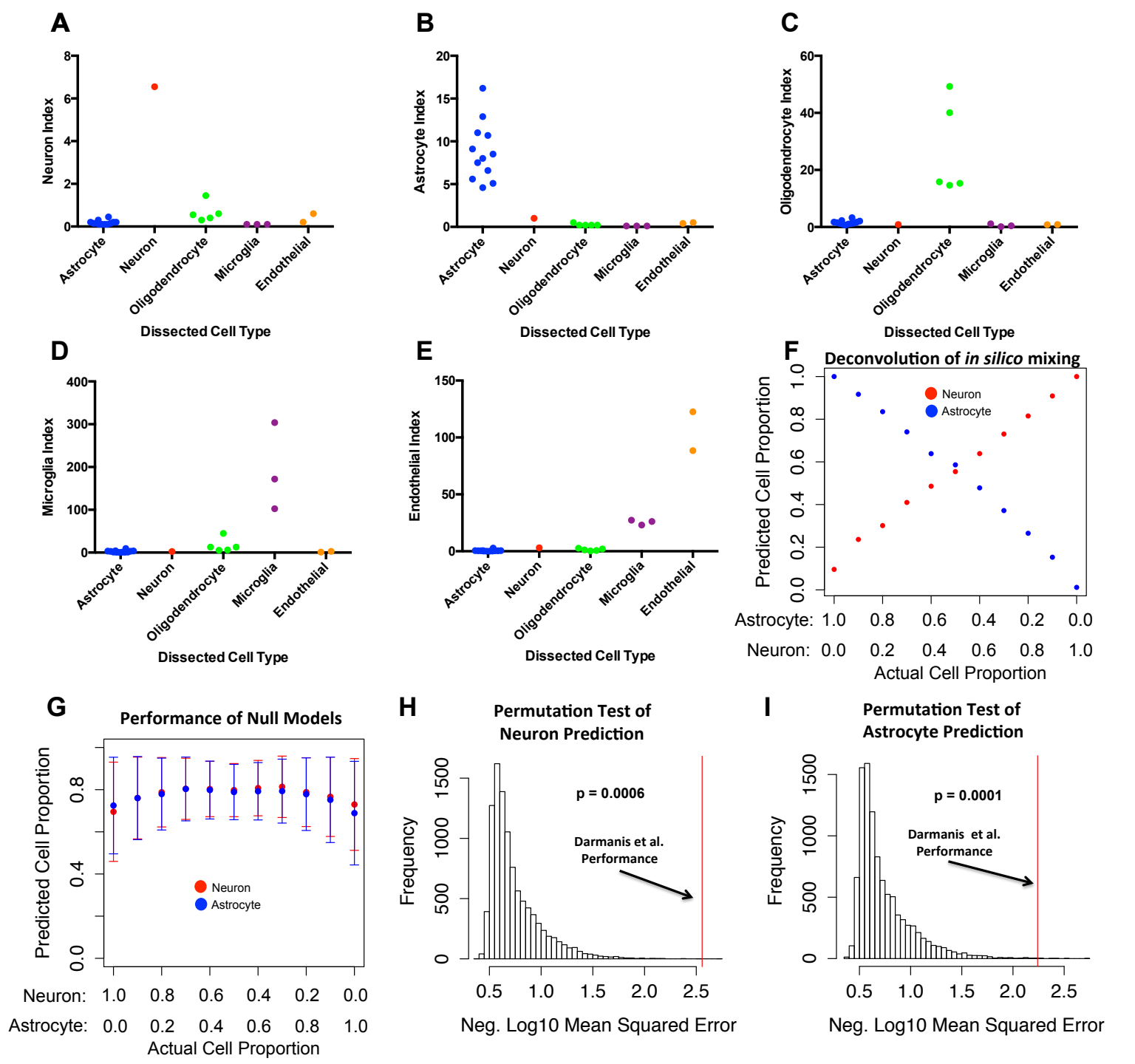
A
Neuron Index
Astrocyte
Neuron
Oligodendrocyte
Microglia
Endothelial
Dissected Cell Type
B
Astrocyte Index
Dissected Cell Type
C
Oligodendrocyte Index
Dissected Cell Type
D
Microglia Index
Dissected Cell Type
E
Endothelial Index
Dissected Cell Type
F
Deconvolution of in silico mixing
Predicted Cell Proportion
Neuron
Astrocyte
Astrocyte: 1.0 0.8 0.6 0.4 0.2 0.0
Neuron: 0.0 0.2 0.4 0.6 0.8 1.0
Actual Cell Proportion
G
Performance of Null Models
Predicted Cell Proportion
Neuron
Astrocyte
Neuron: 1.0 0.8 0.6 0.4 0.2 0.0
Astrocyte: 0.0 0.2 0.4 0.6 0.8 1.0
Actual Cell Proportion
H
Permutation Test of Neuron Prediction
Frequency
p = 0.0006
Darmanis et al. Performance
Neg. Log10 Mean Squared Error
I
Permutation Test of Astrocyte Prediction
Frequency
p = 0.0001
Darmanis et al. Performance
Neg. Log10 Mean Squared Error