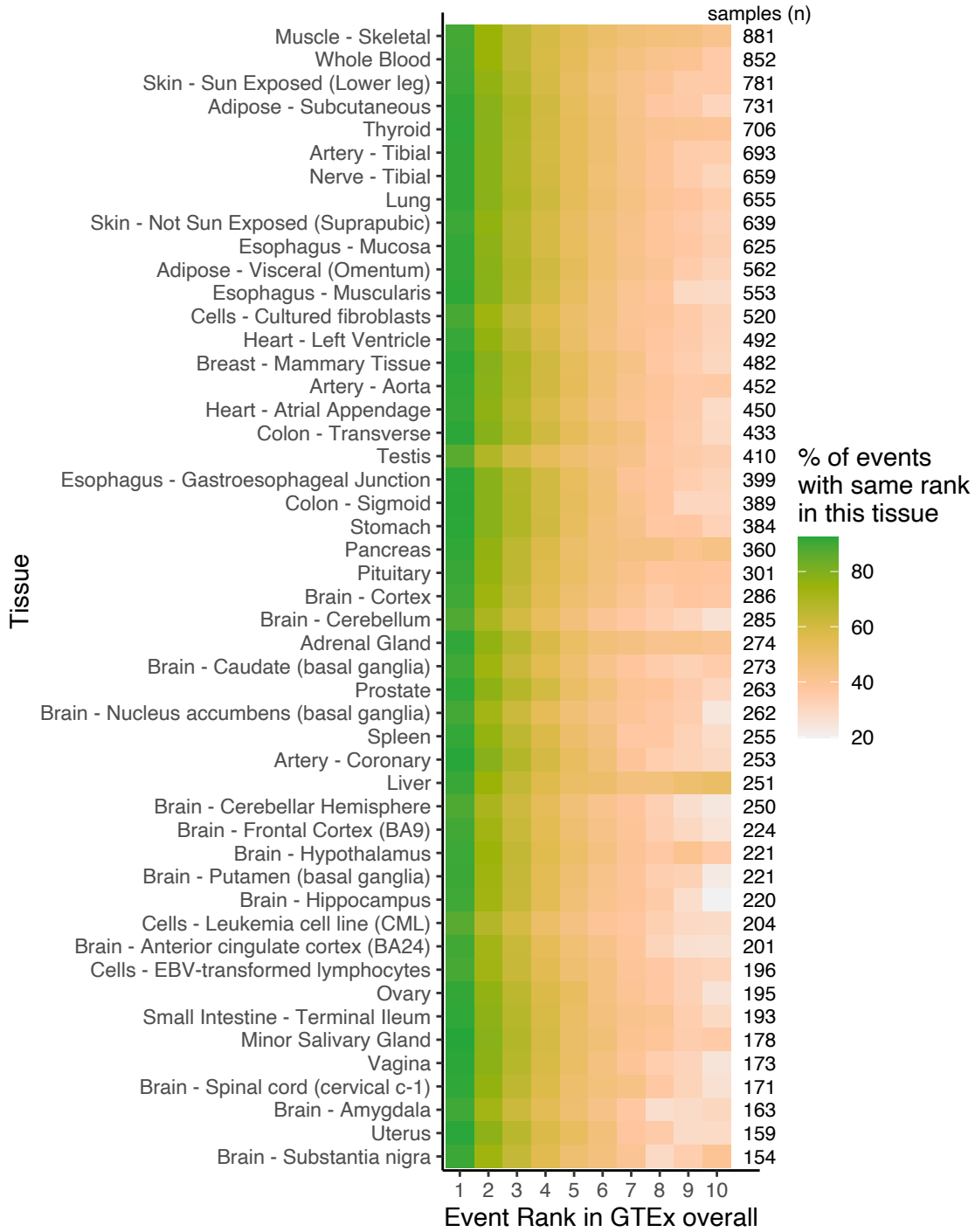
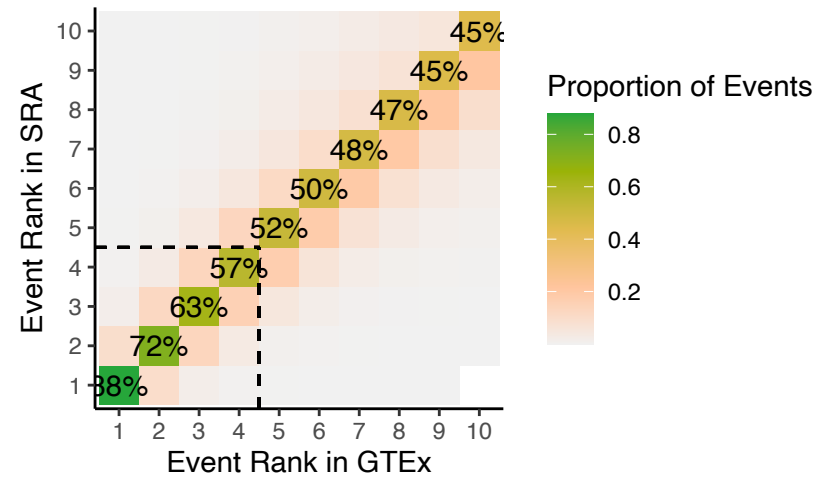
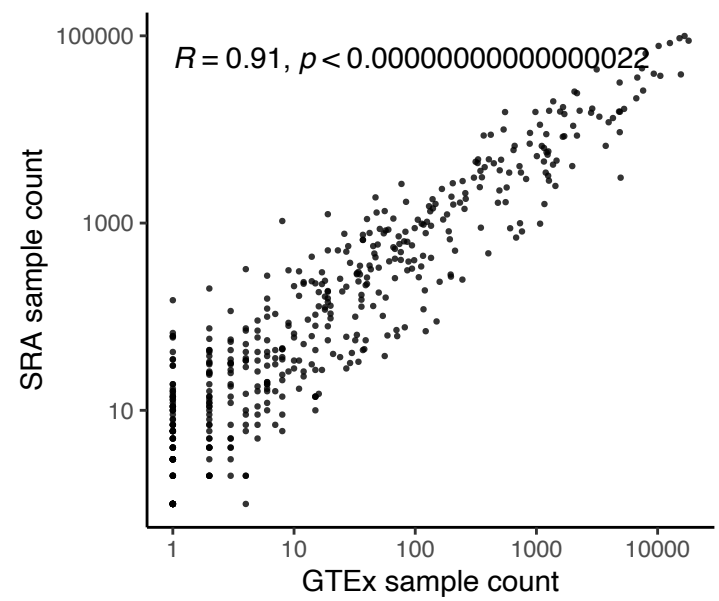
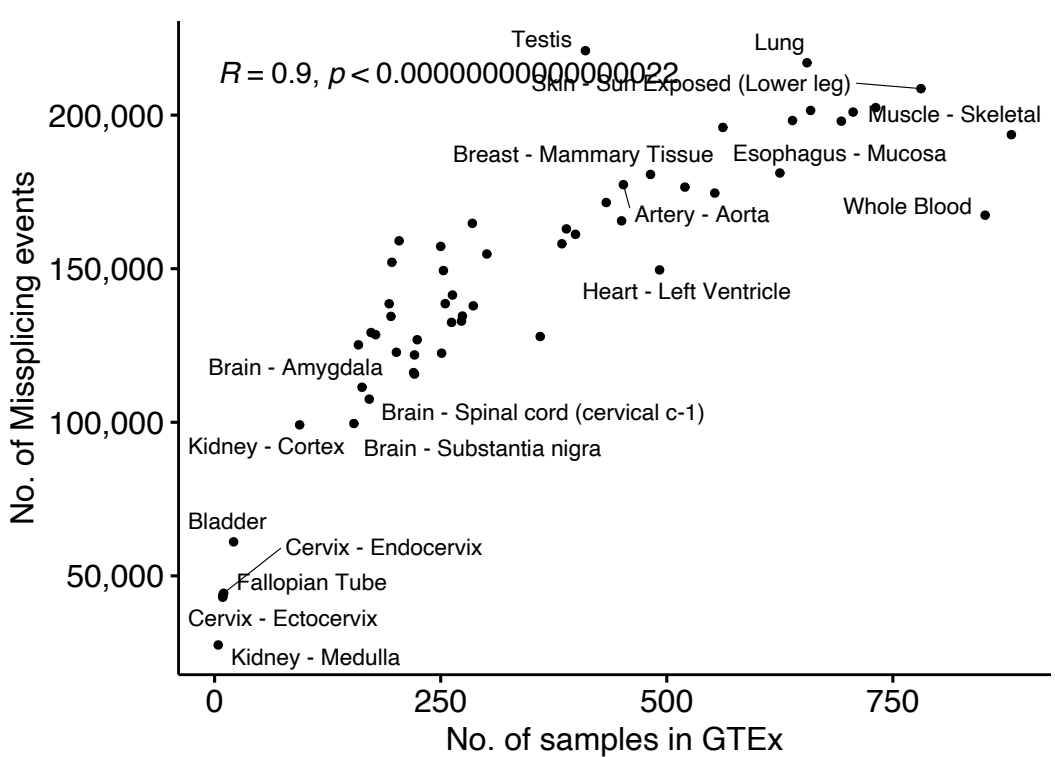
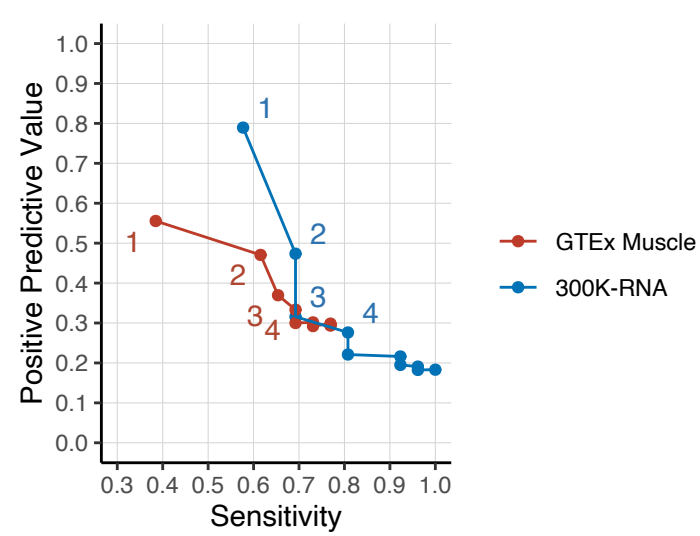

samples (n)
Muscle - Skeletal 881
Whole Blood 852
Skin - Sun Exposed (Lower leg) 781
Adipose - Subcutaneous 731
Thyroid 706
Artery - Tibial 693
Nerve - Tibial 659
Lung 655
Skin - Not Sun Exposed (Suprapubic) 639
Esophagus - Mucosa 625
Adipose - Visceral (Omentum) 562
Esophagus - Muscularis 553
Cells - Cultured fibroblasts 520
Heart - Left Ventricle 492
Breast - Mammary Tissue 482
Artery - Aorta 452
Heart - Atrial Appendage 450
Colon - Transverse 433
Testis 410
Esophagus - Gastroesophageal Junction 399
Colon - Sigmoid 389
Stomach 384
Pancreas 360
Pituitary 301
Brain - Cortex 286
Brain - Cerebellum 285
Adrenal Gland 274
Brain - Caudate (basal ganglia) 273
Prostate 263
Brain - Nucleus accumbens (basal ganglia) 262
Spleen 255
Artery - Coronary 253
Liver 251
Brain - Cerebellar Hemisphere 250
Brain - Frontal Cortex (BA9) 224
Brain - Hypothalamus 221
Brain - Putamen (basal ganglia) 221
Brain - Hippocampus 220
Cells - Leukemia cell line (CML) 204
Brain - Anterior cingulate cortex (BA24) 201
Cells - EBV-transformed lymphocytes 196
Ovary 195
Small Intestine - Terminal Ileum 193
Minor Salivary Gland 178
Vagina 173
Brain - Spinal cord (cervical c-1) 171
Brain - Amygdala 163
Uterus 159
Brain - Substantia nigra 154
Tissue
1 2 3 4 5 6 7 8 9 10
Event Rank in GTEx overall
% of events with same rank in this tissue
80
60
40
20


Event Rank in SRA
Event Rank in GTEx
1 2 3 4 5 6 7 8 9 10
45%
45%
47%
48%
50%
52%
57%
63%
72%
88%
Proportion of Events
0.8
0.6
0.4
0.2


R = 0.91, p < 0.00000000000000022
SRA sample count
GTEx sample count
100000
1000
10
1
10
100
1000
10000


R = 0.9, p < 0.00000000000000022
Testis
Lung
Skin - Sun Exposed (Lower leg)
Muscle - Skeletal
Breast - Mammary Tissue
Esophagus - Mucosa
Artery - Aorta
Whole Blood
Heart - Left Ventricle
Brain - Amygdala
Brain - Spinal cord (cervical c-1)
Kidney - Cortex
Brain - Substantia nigra
Bladder
Cervix - Endocervix
Fallopian Tube
Cervix - Ectocervix
Kidney - Medulla
No. of Missplicing events
200,000
150,000
100,000
50,000
0
250
500
750
No. of samples in GTEx


Positive Predictive Value
Sensitivity
0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
GTEx Muscle
300K-RNA