# Toy competition, metric: Unifrac



**across all 3 datasets**

**low (1 sample)**

**medium (2 samples)**

**high (5 samples)**

significance level 90%, 1 iterations for the following background models:
true number of species, drawn from all 328832 bacterial species in NCBI, abundances from log−normal(mu=1.0,sigma=2.0)
true number of species, drawn from all ever prediced species (6848), abundances from log−normal(mu=1.0,sigma=2.0)
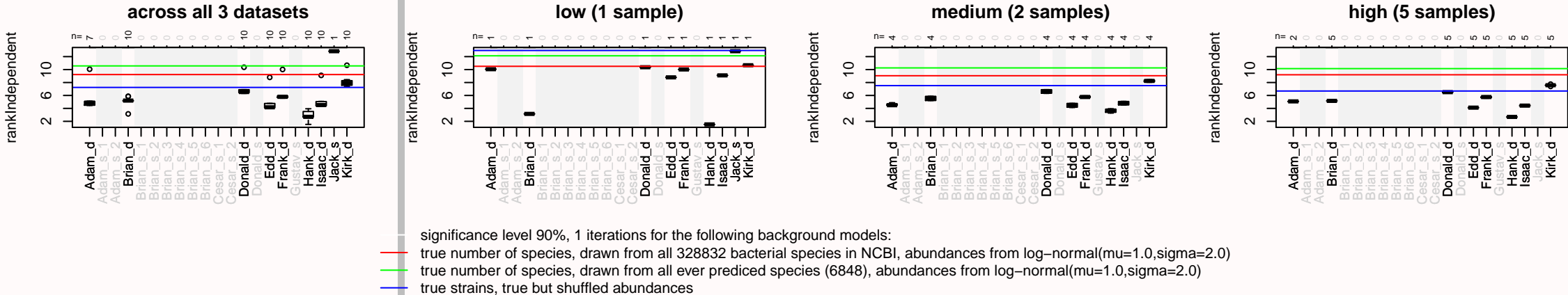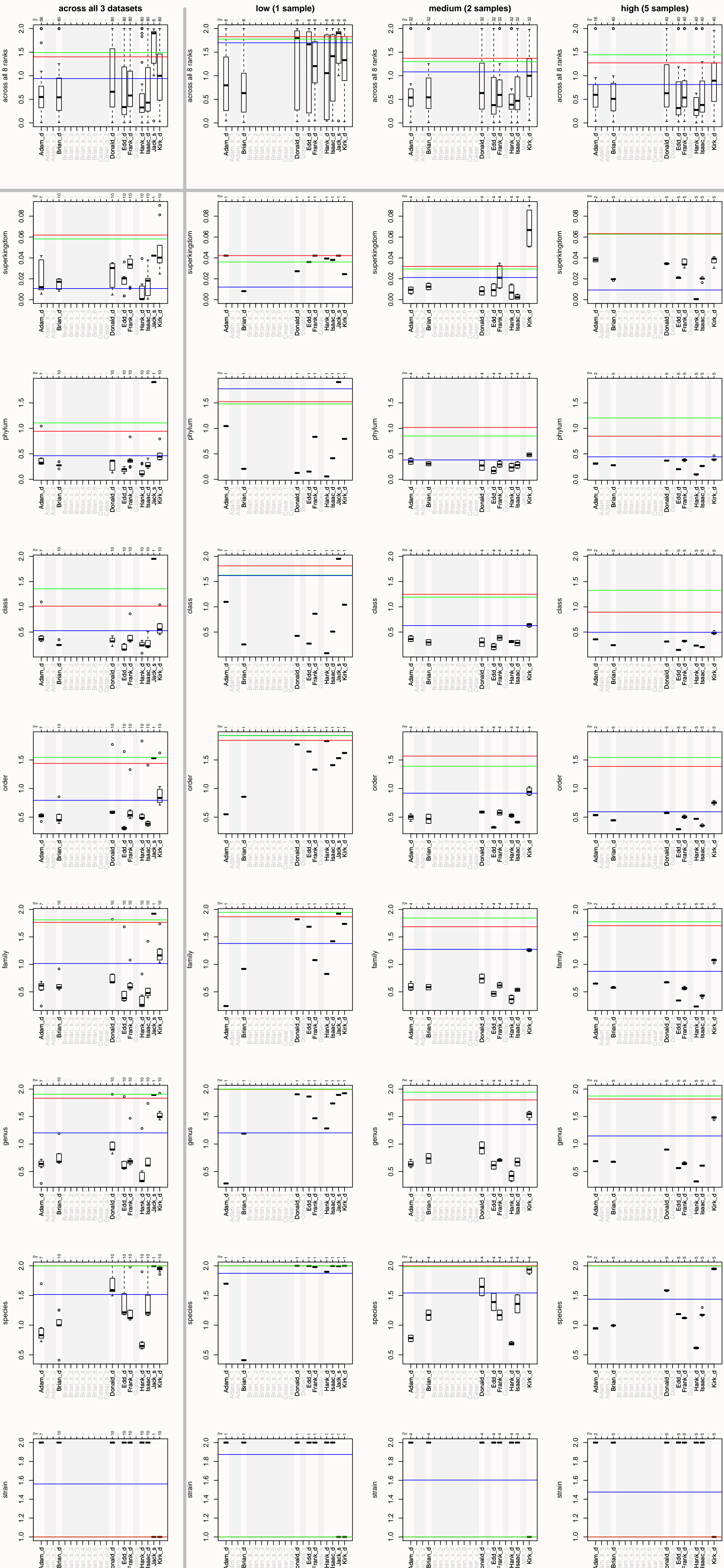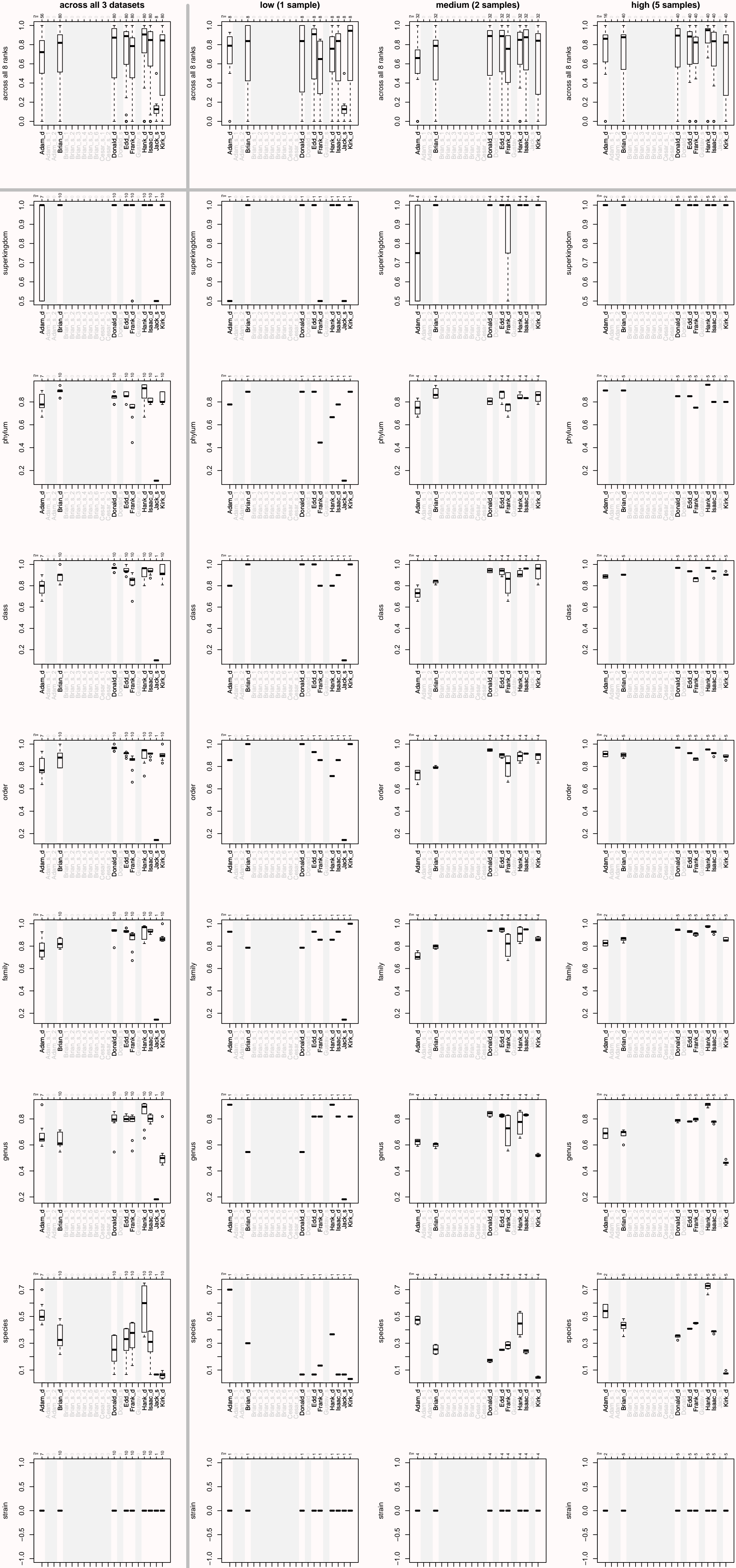true strains, true but shuffled abundances

**Toy competition, metric: L1norm**

significance level 90%, 1 iterations for the following background models:
true number of species, drawn from all 328832 bacterial species in NCBI, abundances from log-normal(mu=1.0,sigma=2.0)
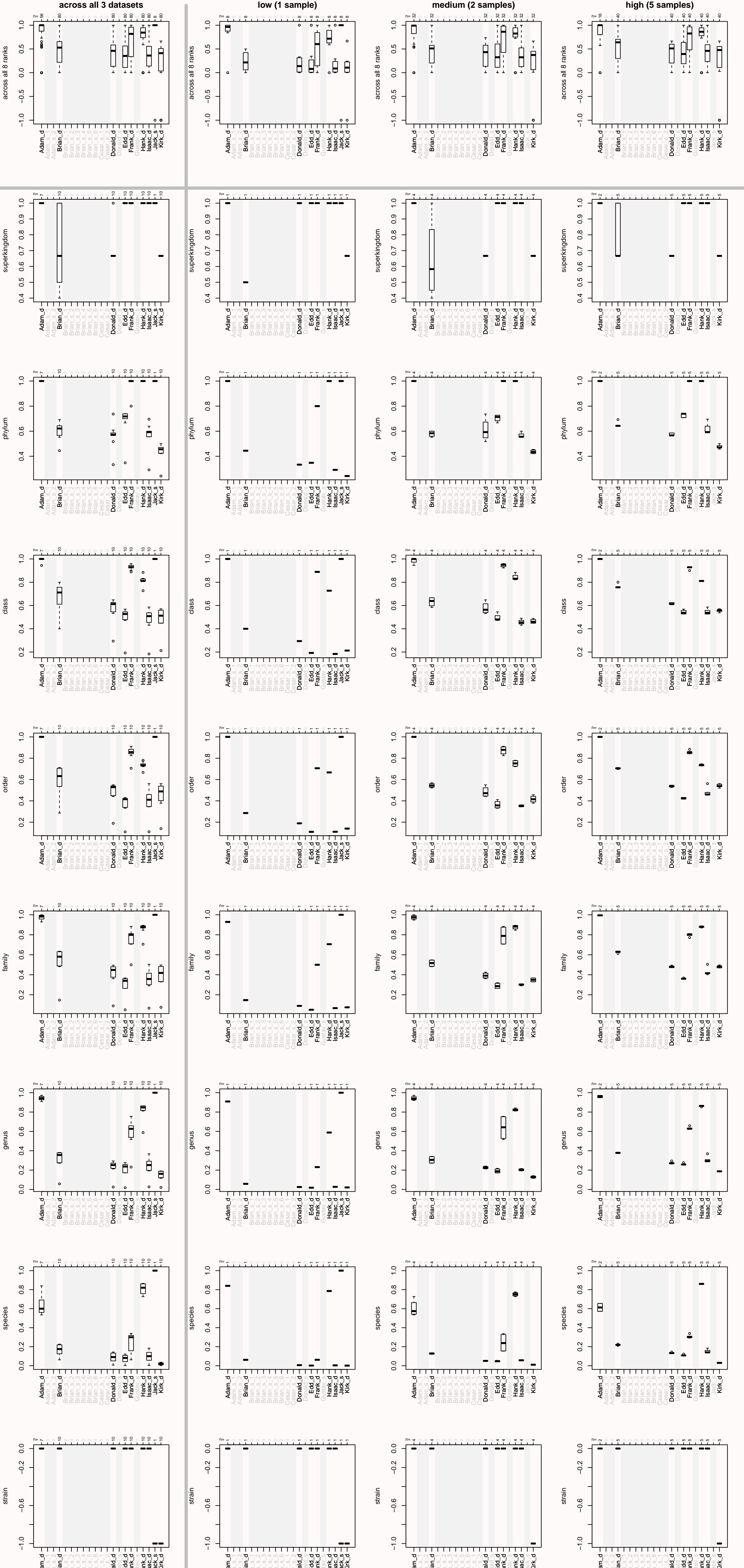true number of species, drawn from all ever prediced species (6848), abundances from log-normal(mu=1.0,sigma=2.0)
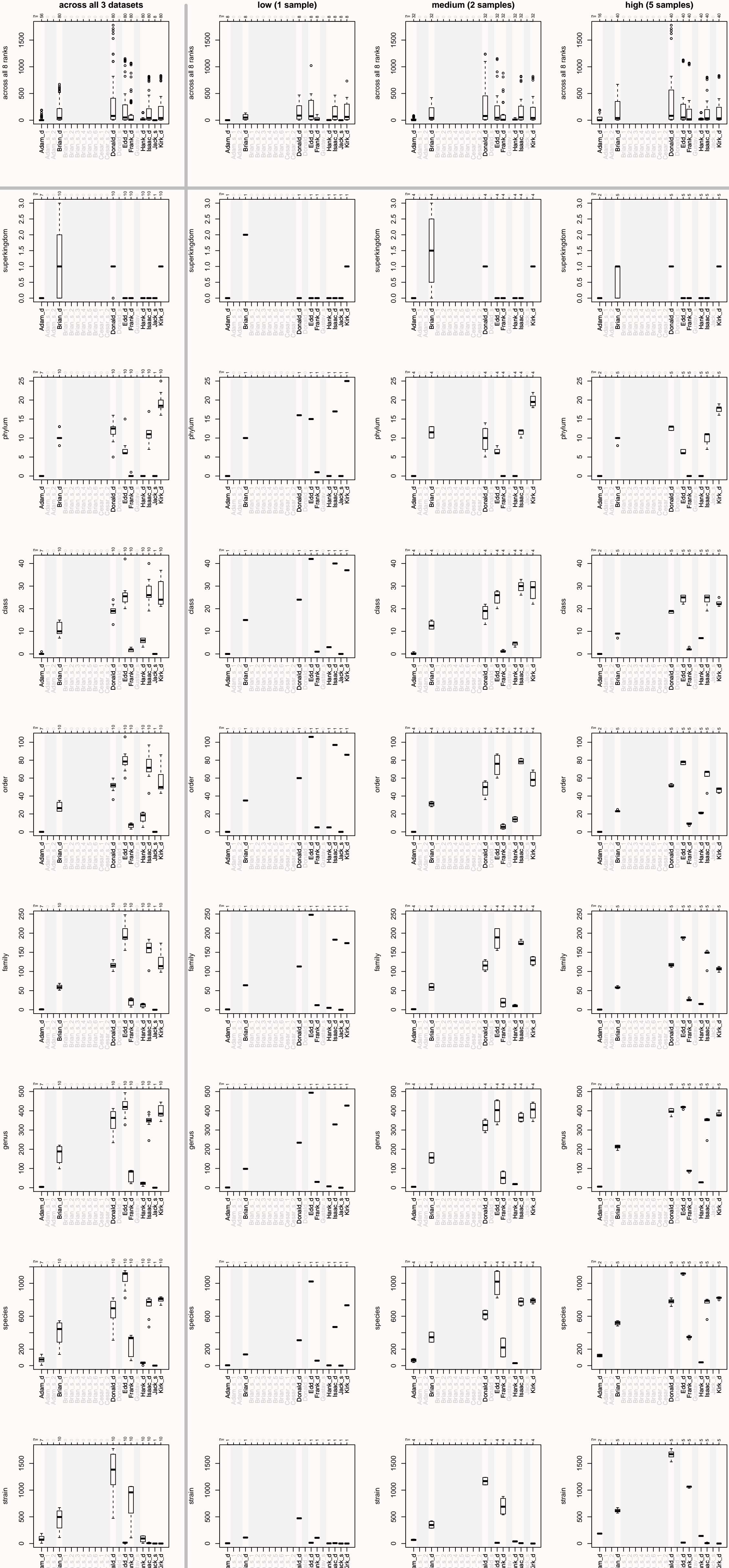true strains, true but shuffled abundances
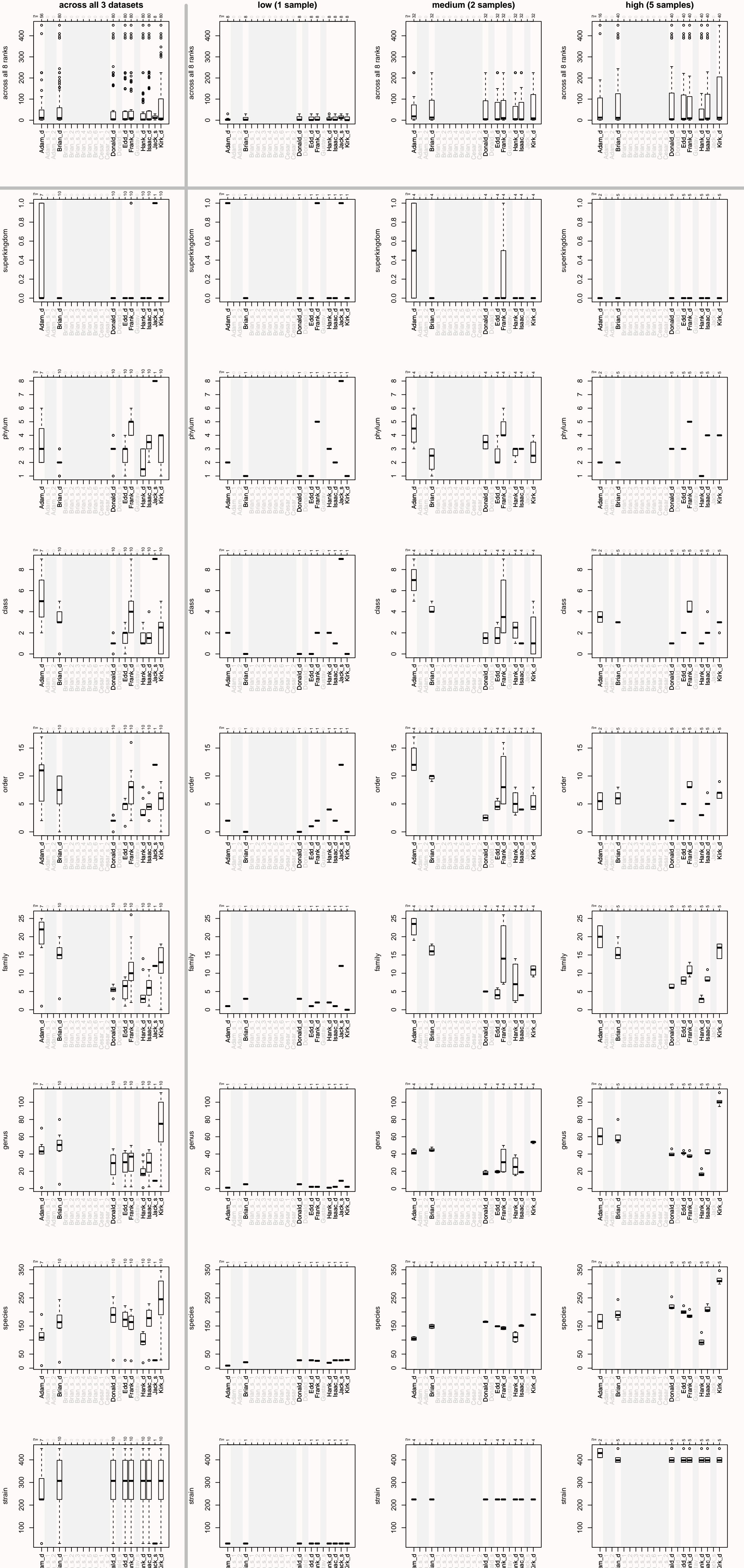
# Toy competition, metric: Sensitivity
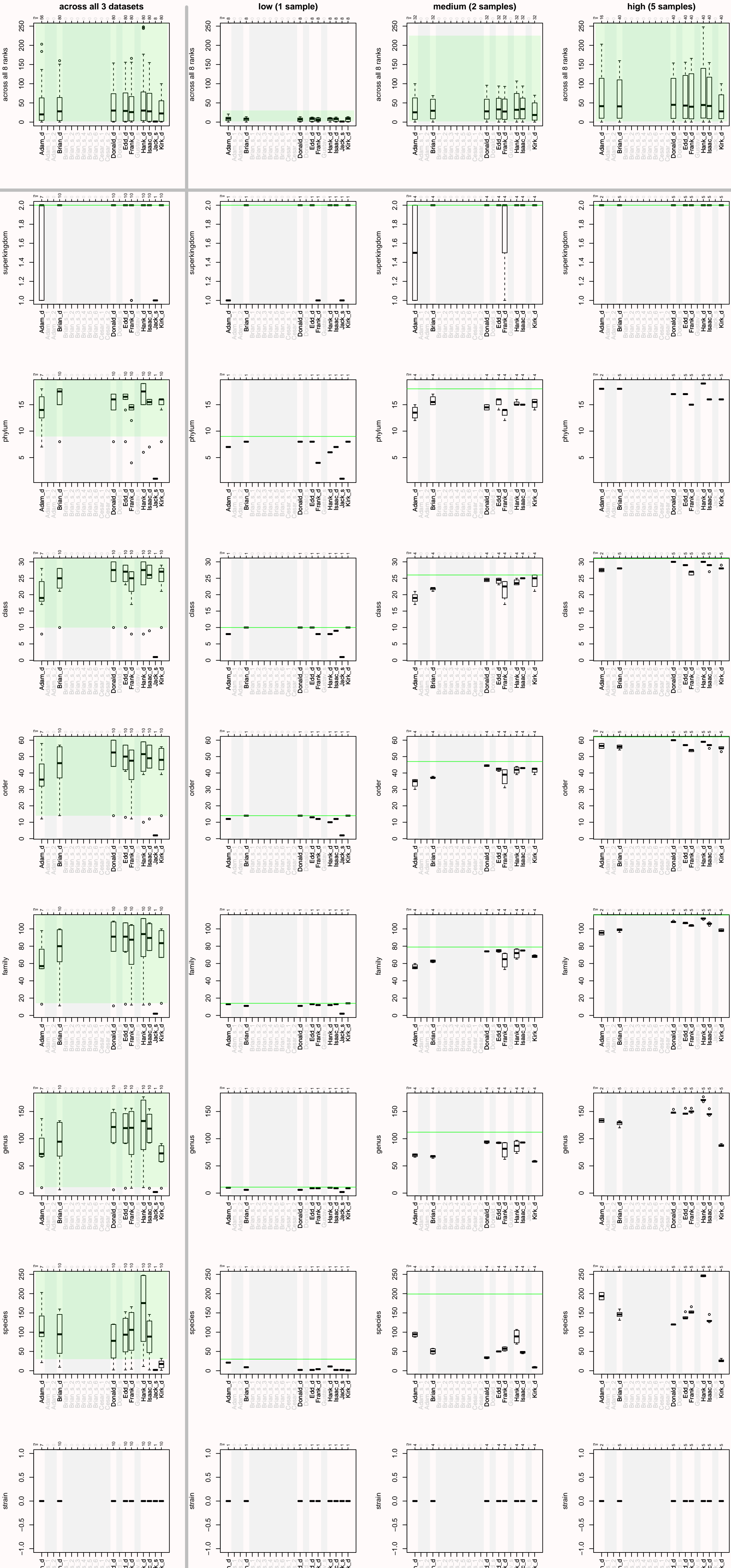
# Toy competition, metric: Precision

# Toy competition, metric: False Positives

# Toy competition, metric: False Negatives

# Toy competition, metric: True Positives



number of taxonomic classes in gold standard profile(s)