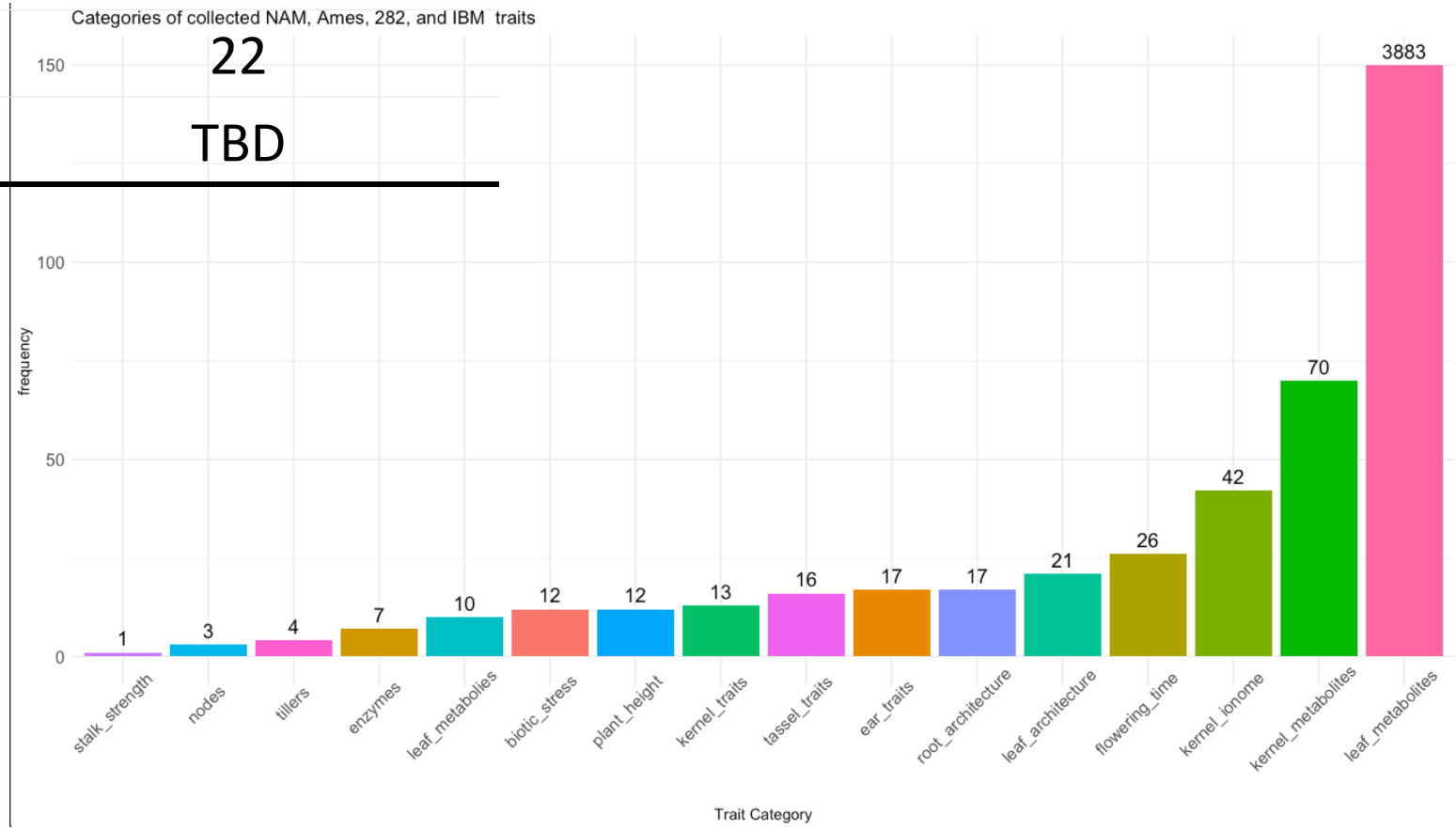
Merritt Burch

Lab Meeting Presentation

2019-07-25

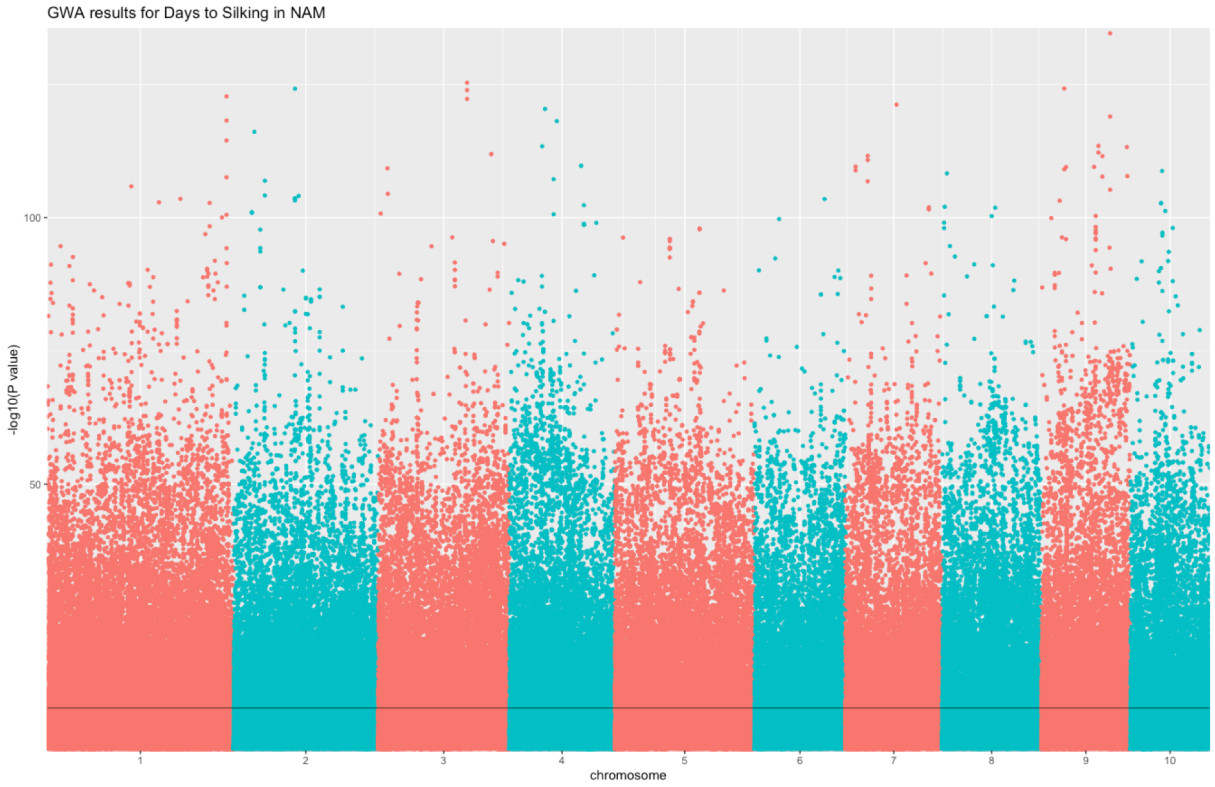
(Still) merging phenotypes

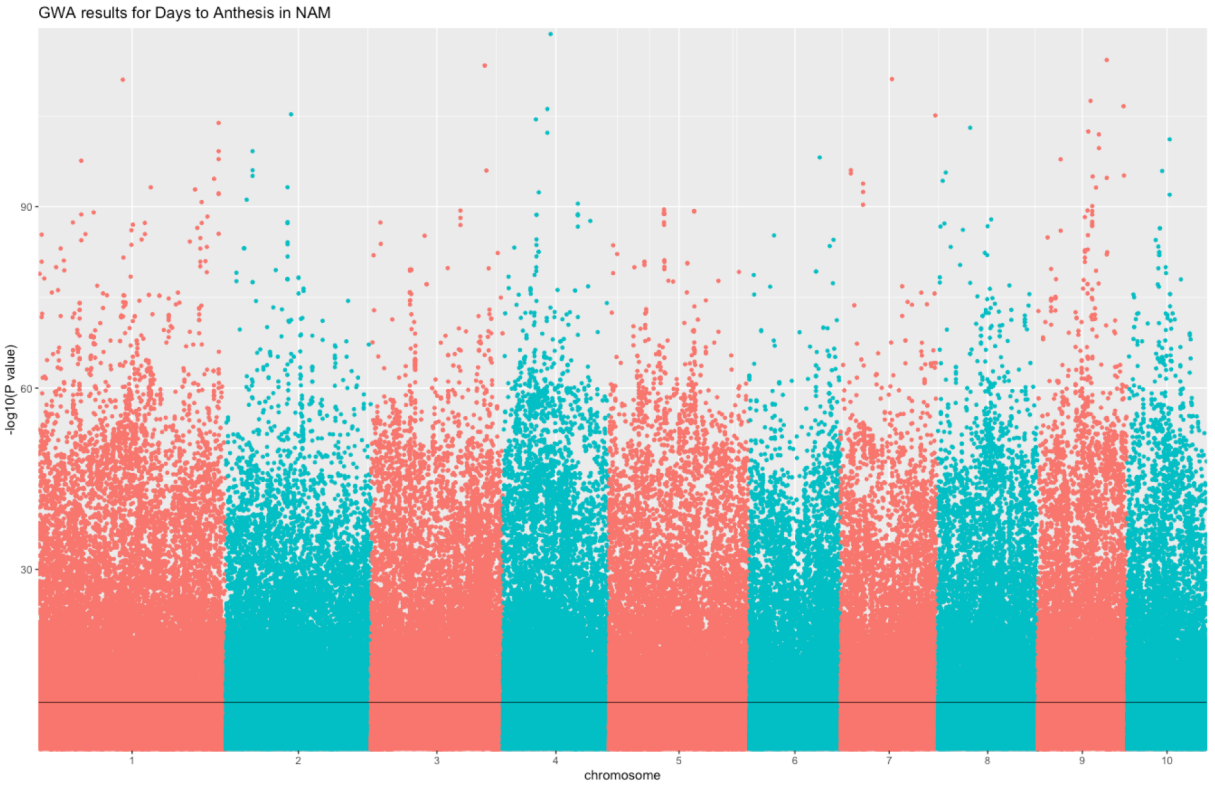
Population	N	# Phenotypes
NAM	5182	463
282 Association Panel	282	4301
Ames Diversity Panel	2648	22
IBM	302	TBD



GLM on NAM flowering time traits

Site Min Count = 2000
Min Allele Freq = 0.02
Class Size = 10
MDS PCs = 5
Taxa = 4763
Sites = 441,264





Too much population structure still!
Testing with family as a covariate (no PCs)

GLM on NAM flowering time traits

Modifying parameters - rerunning
Site Min Count = 2000
Min Allele Freq = 0.01
Class Size = 10
~~MDS PCs = 5~~
Families as factors
Taxa = 4763
Sites = 441,264

Too much population structure still!
Testing with family as a covariate (no PCs)