exm899696

ClusterPlots_controls
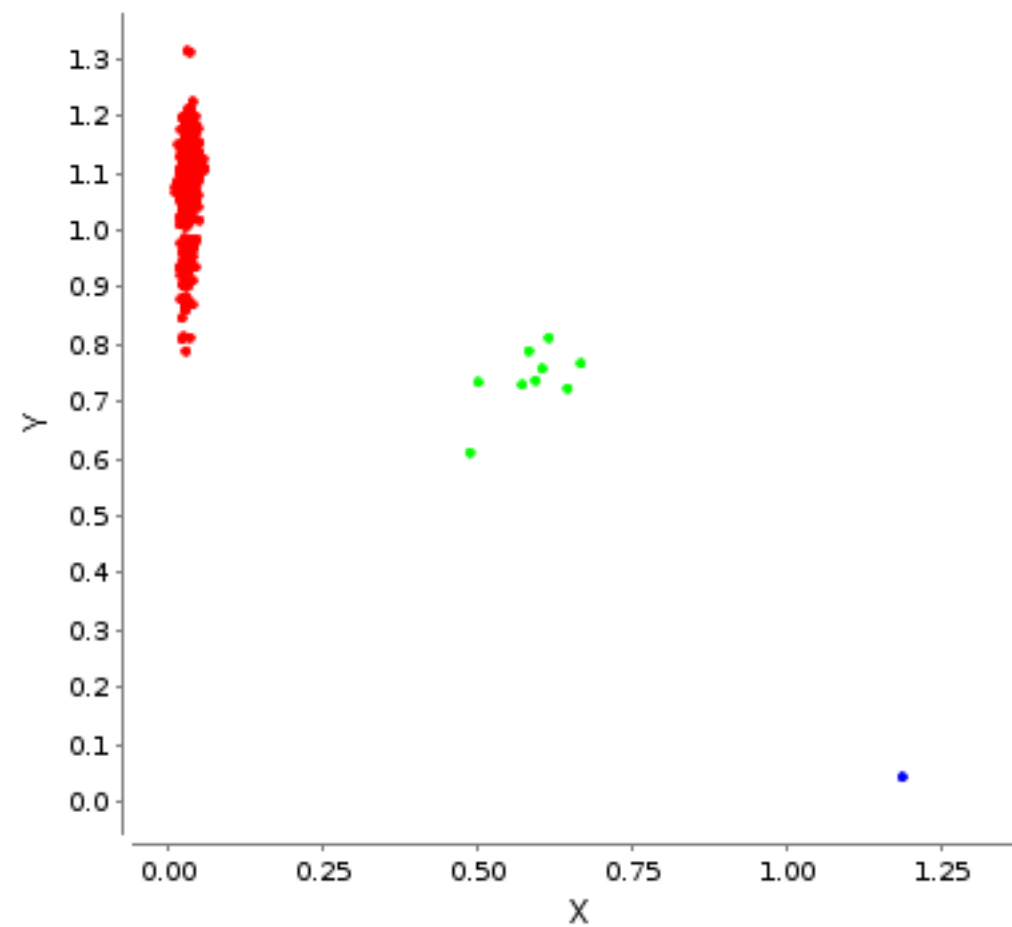(n=6755)
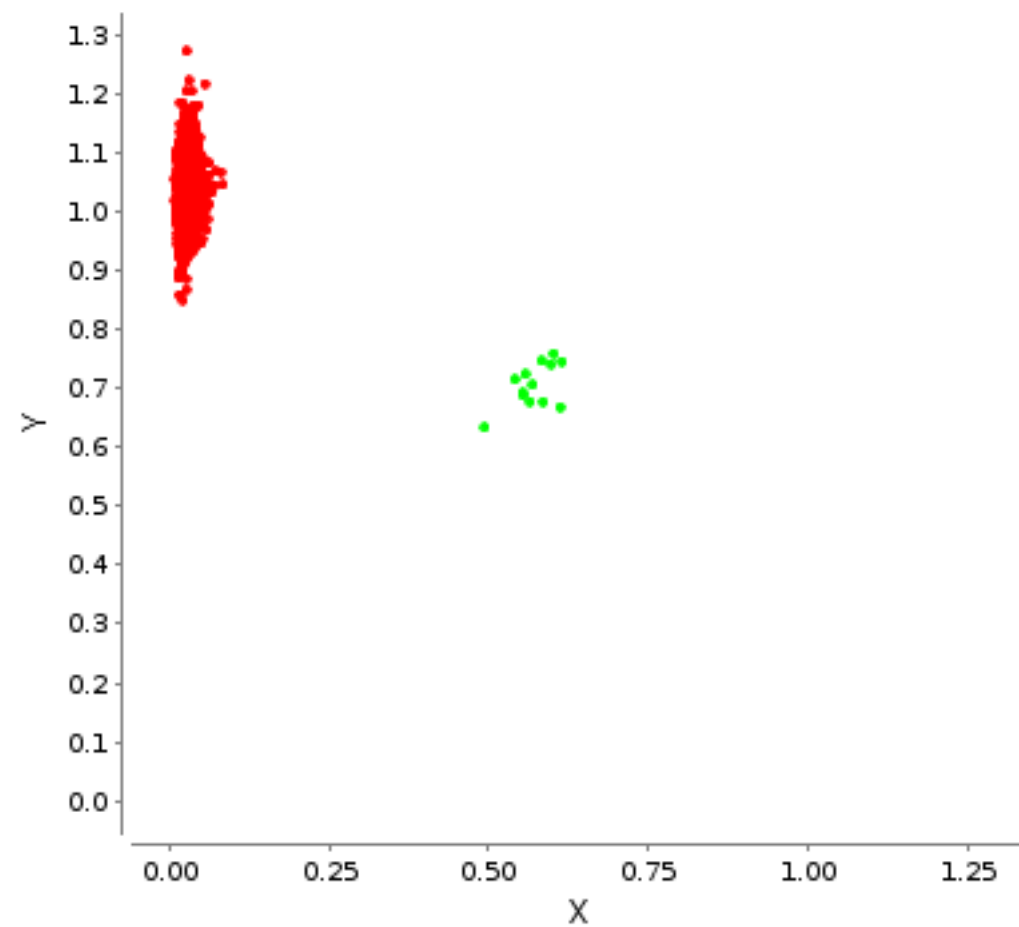
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 0.046
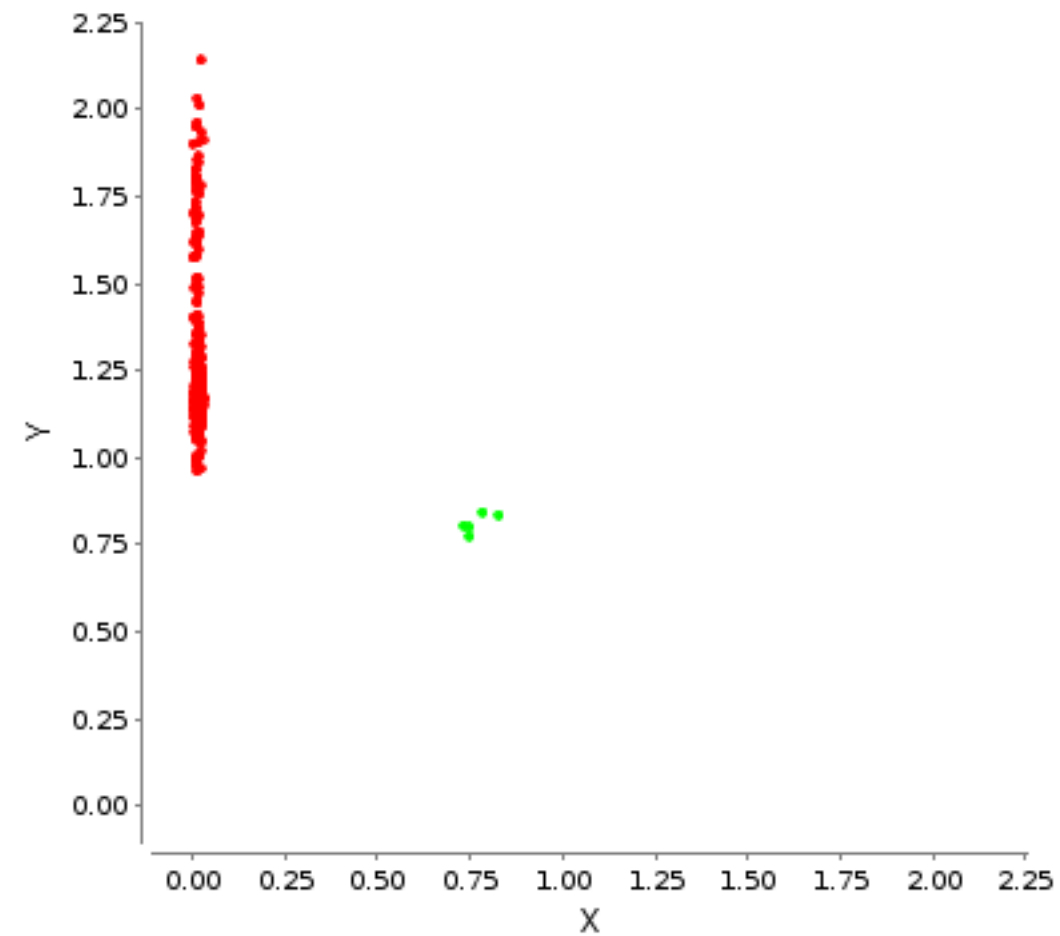
exm1194184

ClusterPlots_controls
(n=6755)
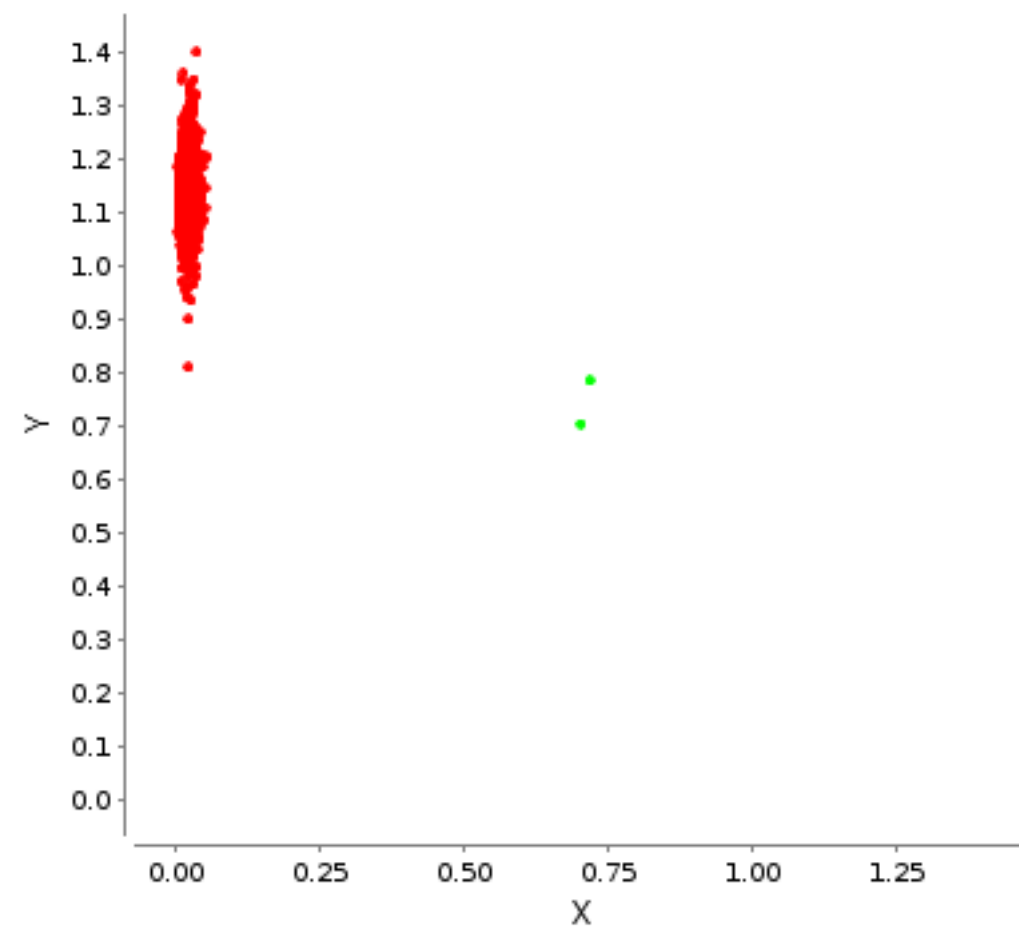
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1095573

ClusterPlots_controls
(n=6755)
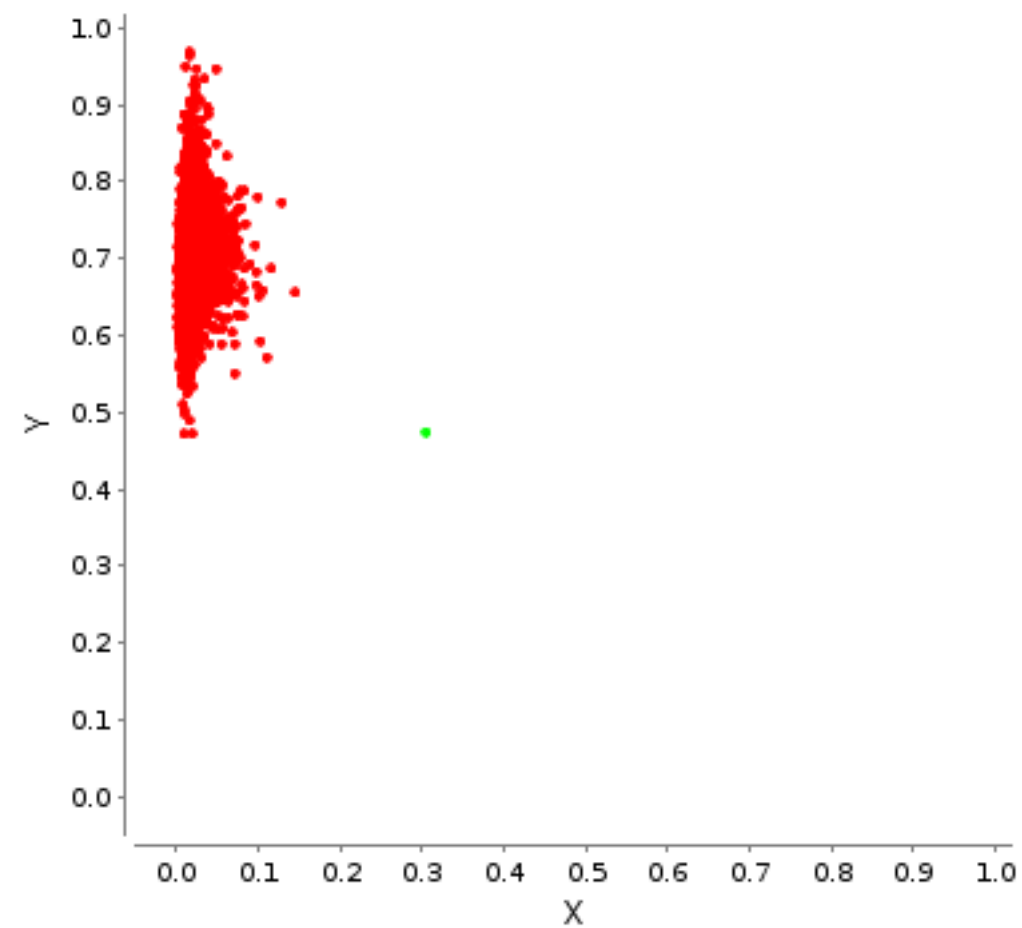
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
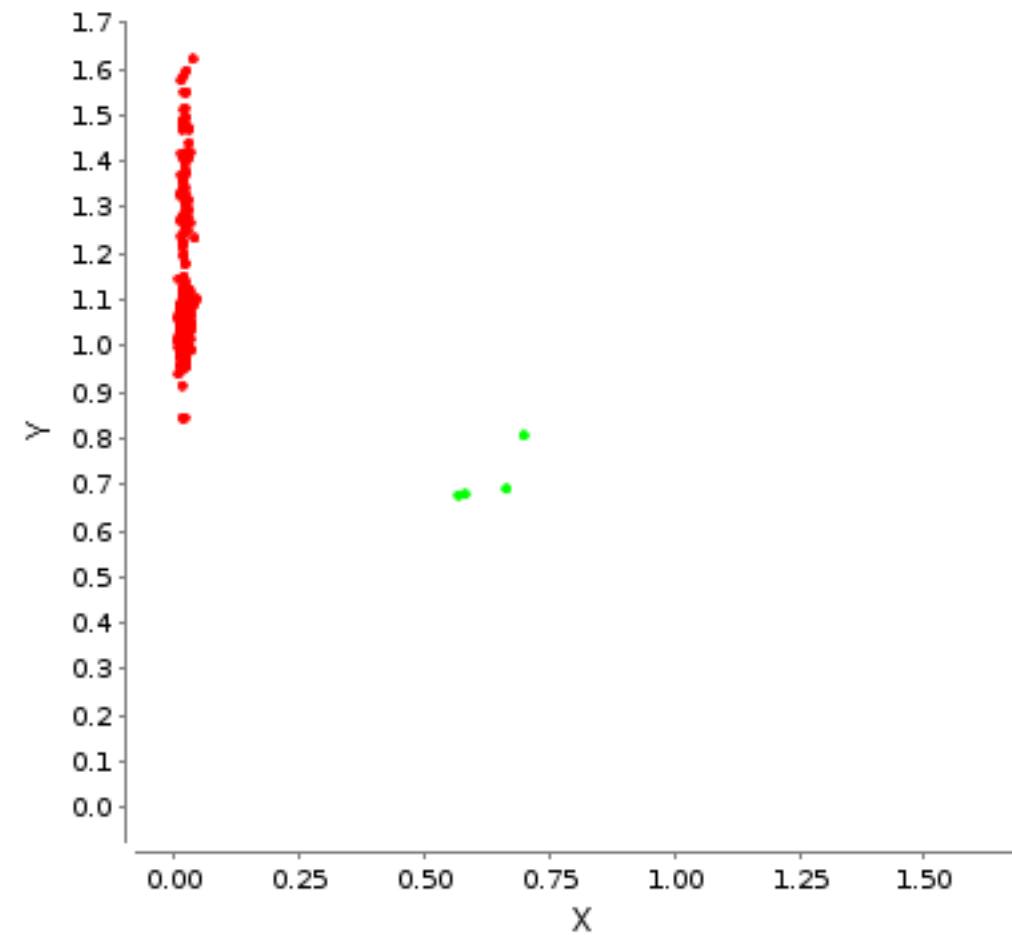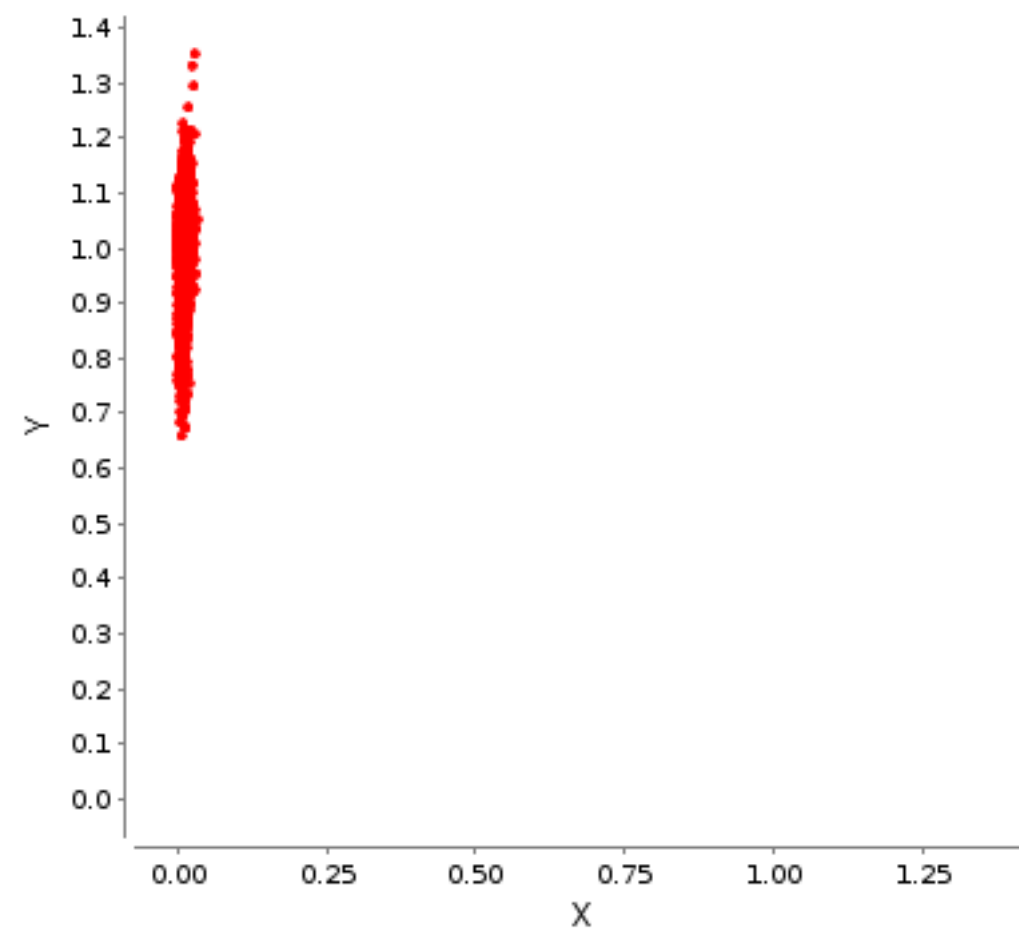
MAF: 0.00 GPC: 1.00 HWE pval: 1.000
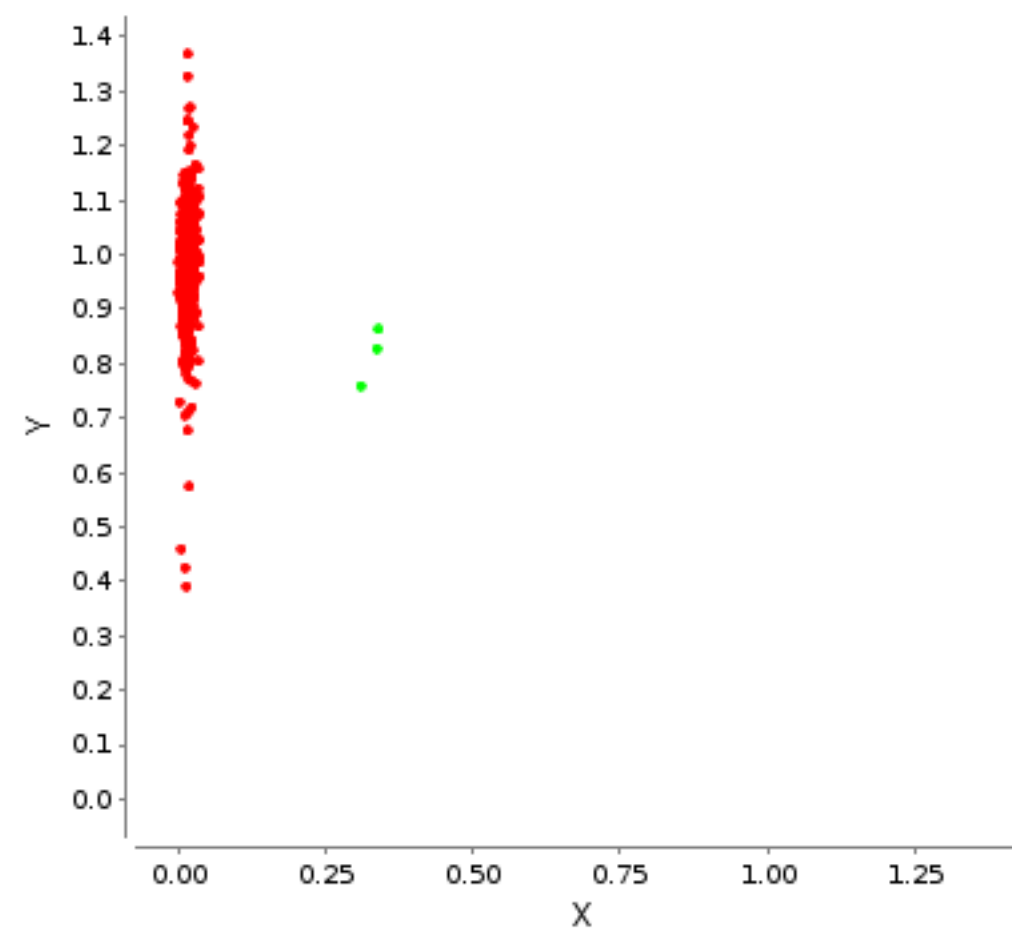
exm797807

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm700370

ClusterPlots_controls
(n=6755)
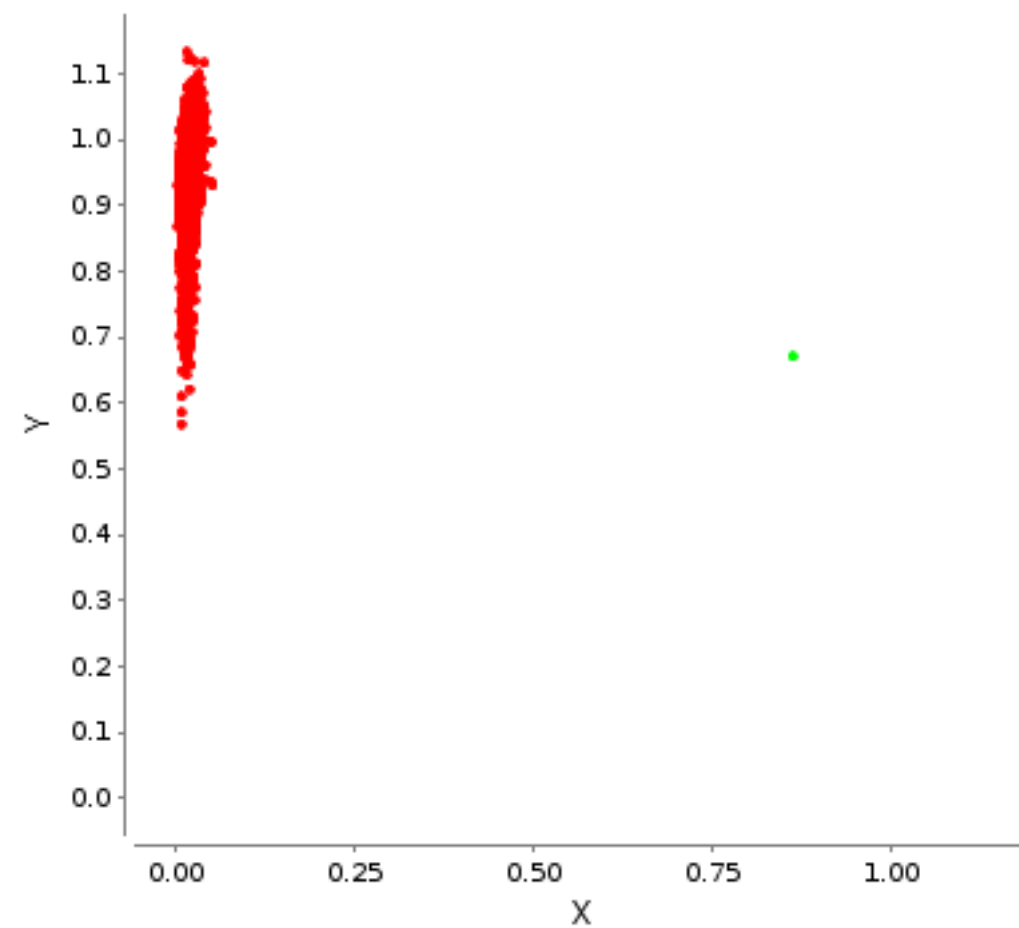
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm-rs11065987
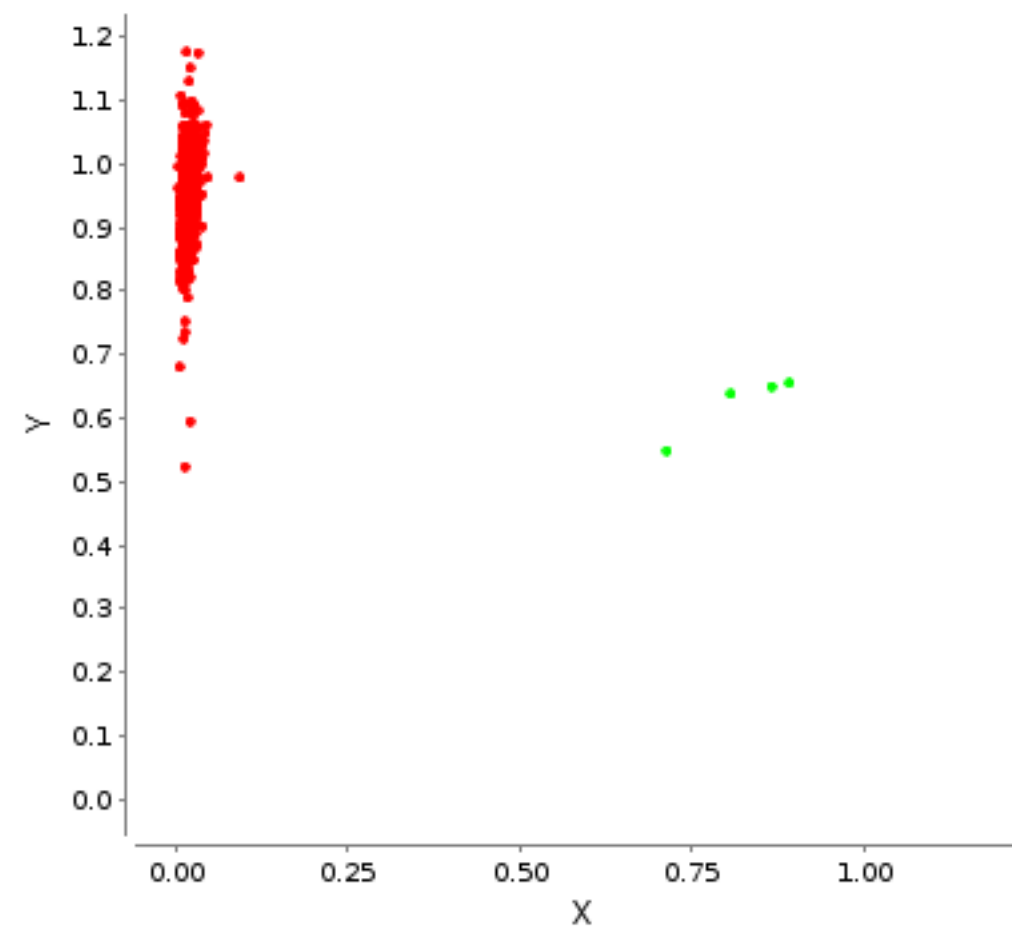
ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)
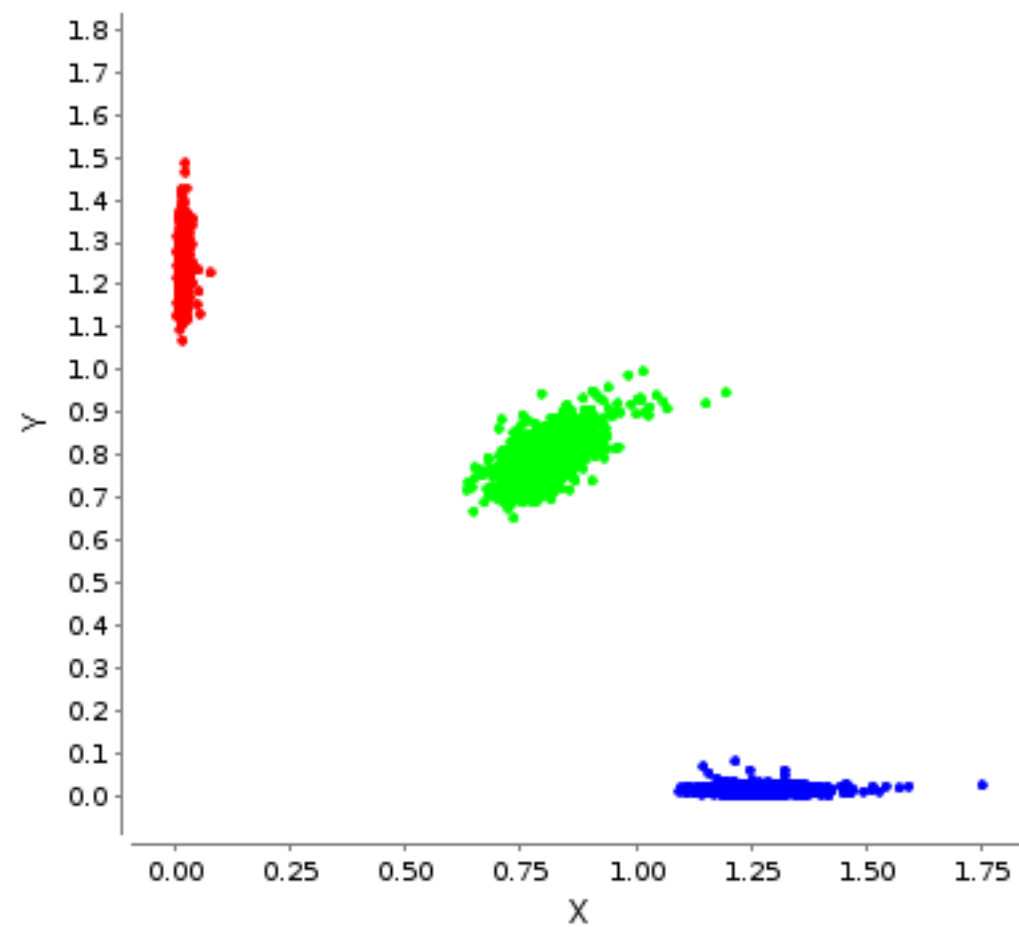
MAF: 0.45 GPC: 1.00 HWE pval: 0.302
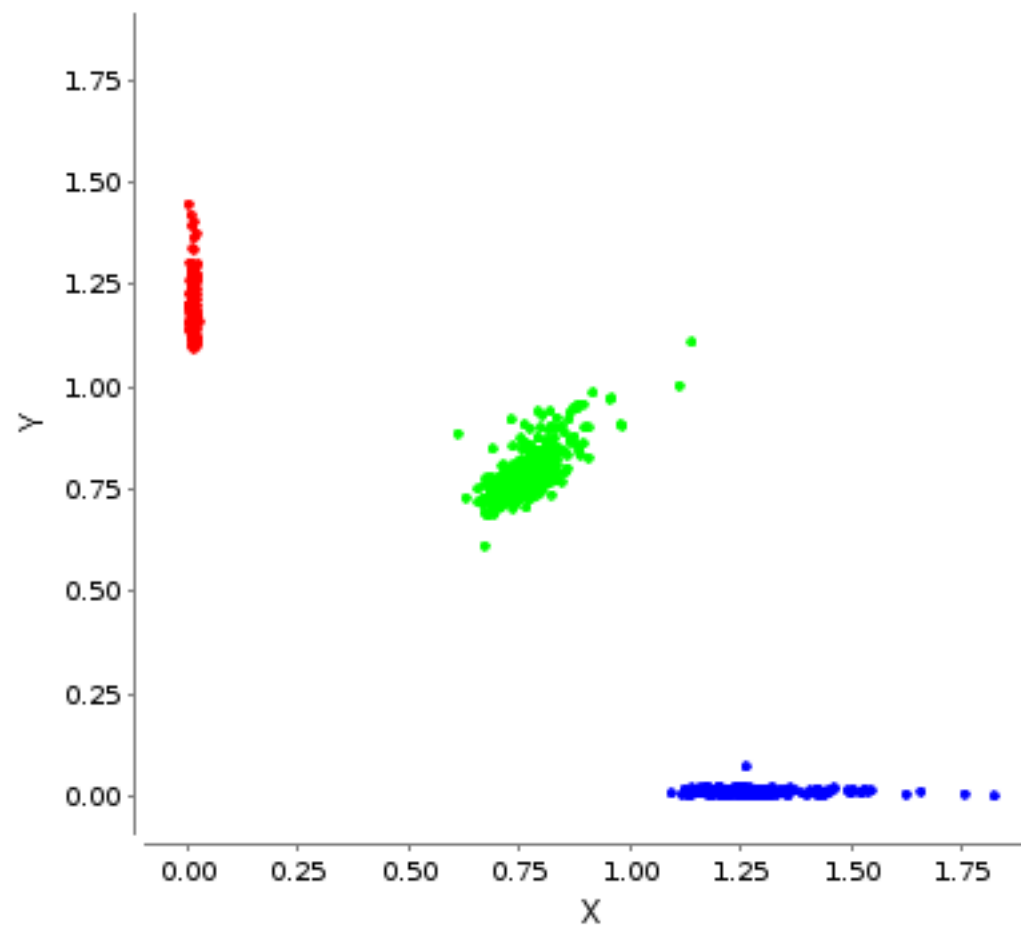
MAF: 0.41 GPC: 1.00 HWE pval: 0.633

exm-rs769449

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)
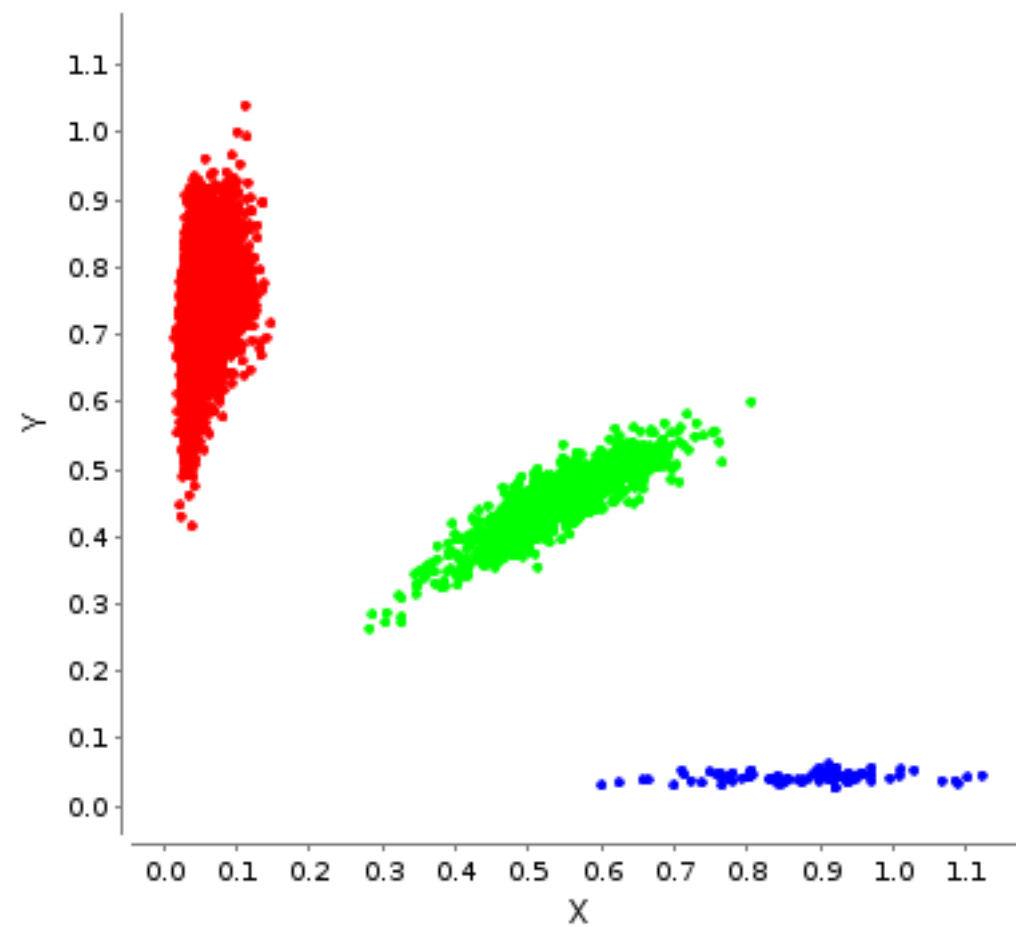
MAF: 0.11 GPC: 1.00 HWE pval: 0.748
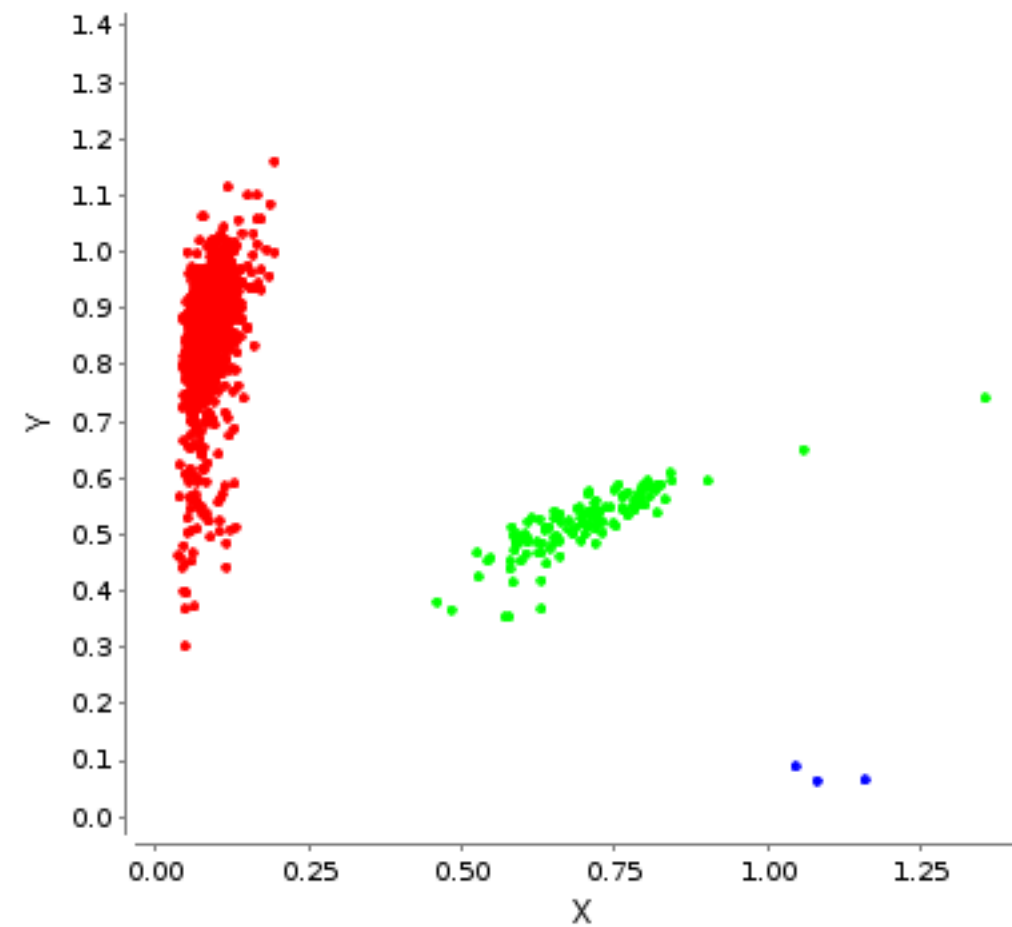
MAF: 0.05 GPC: 1.00 HWE pval: 1.000

exm1037423

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
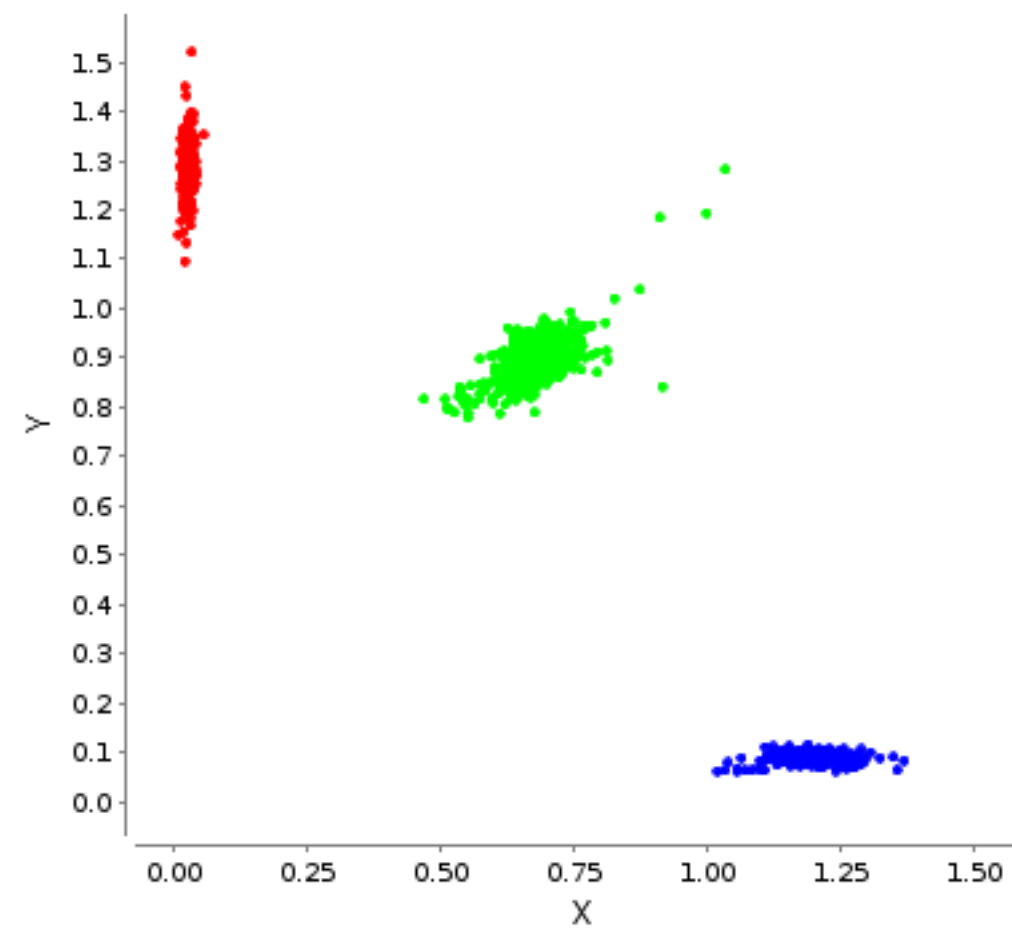(n=1189)
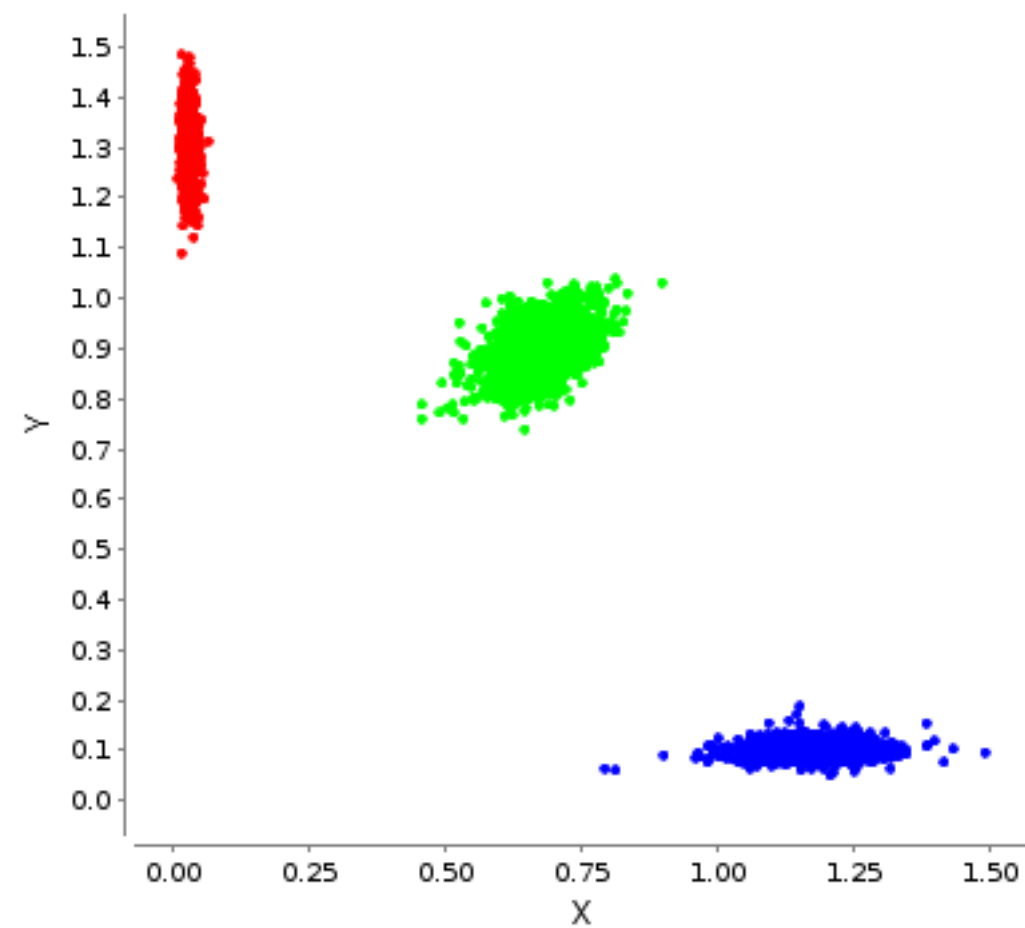
MAF: 0.50 GPC: 1.00 HWE pval: 0.972

MAF: 0.47 GPC: 1.00 HWE pval: 0.318

exm638489

ClusterPlots_controls
(n=6755)
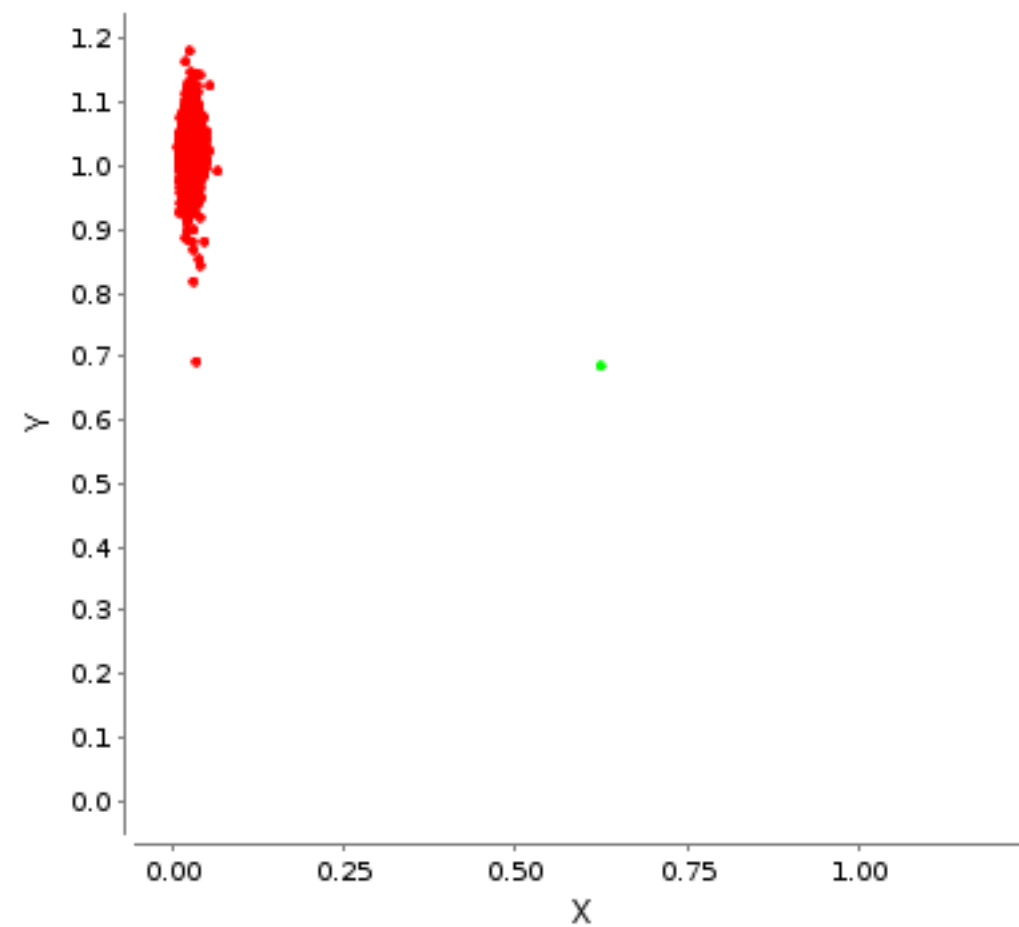
ClusterPlots_cases
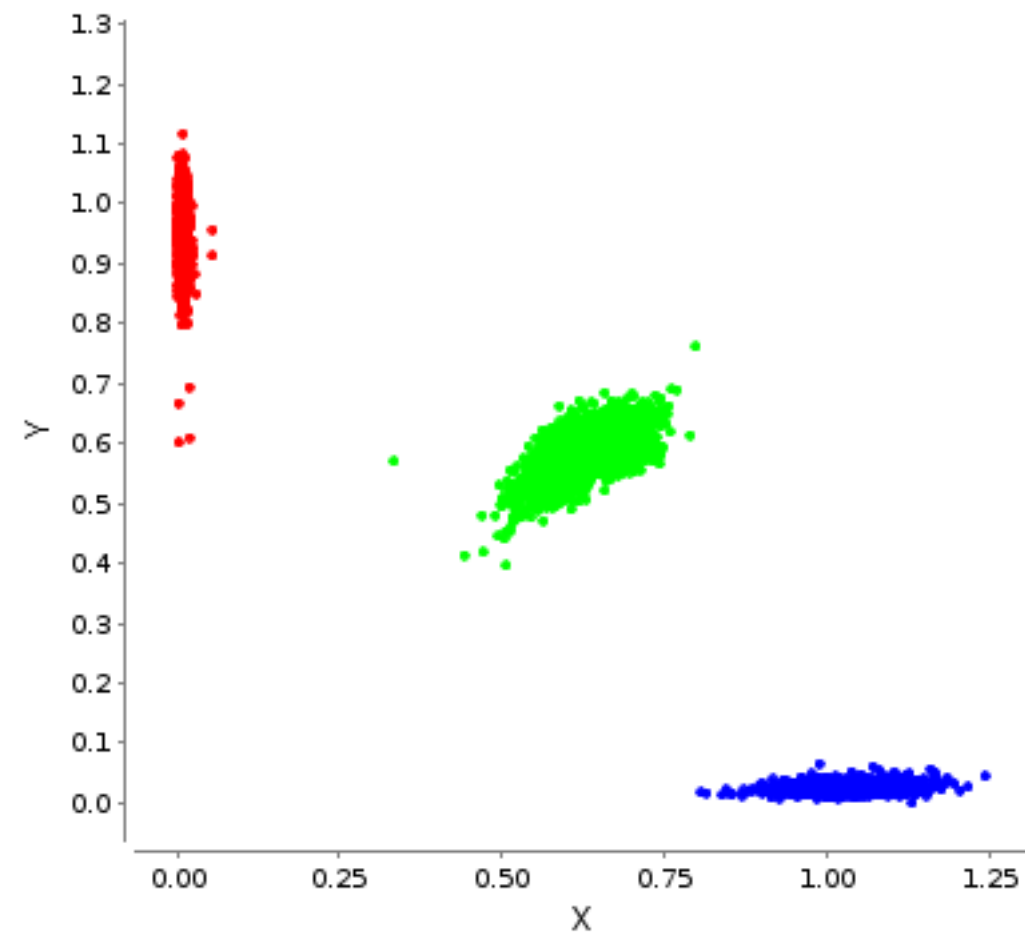(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm-rs653178
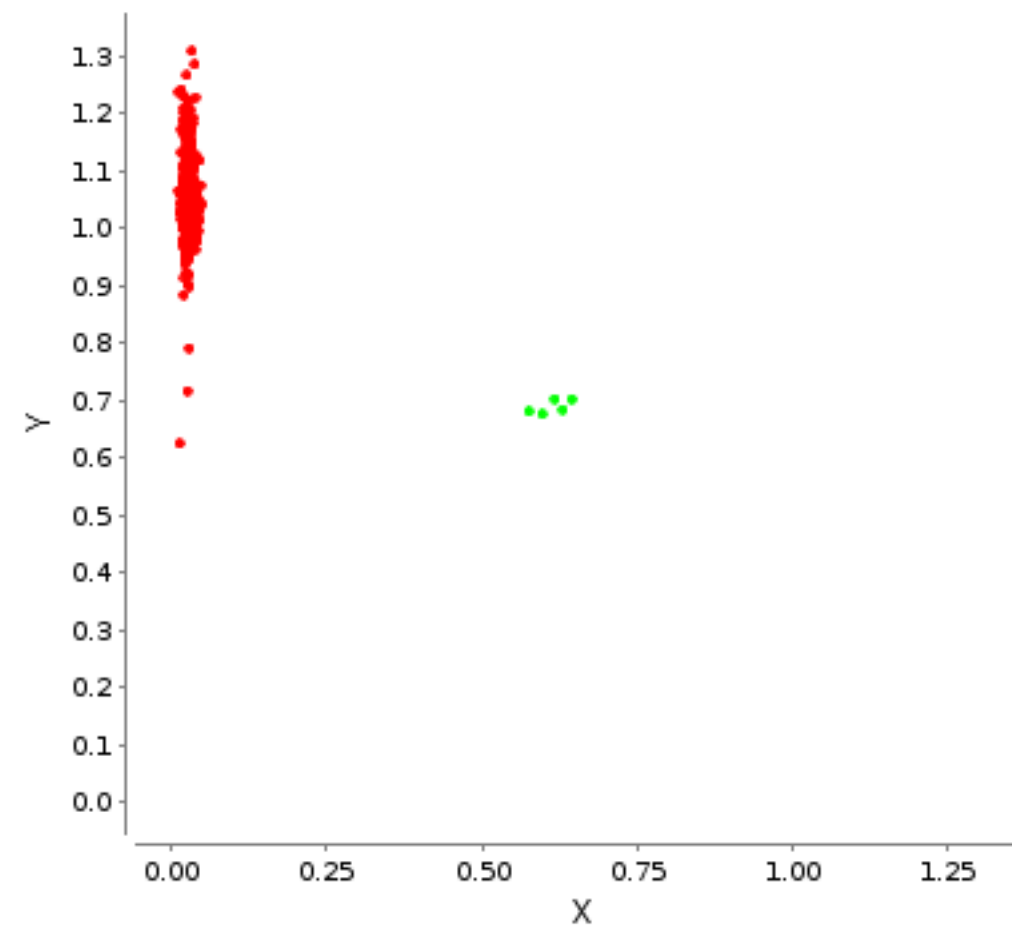
ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.49 GPC: 1.00 HWE pval: 1.000
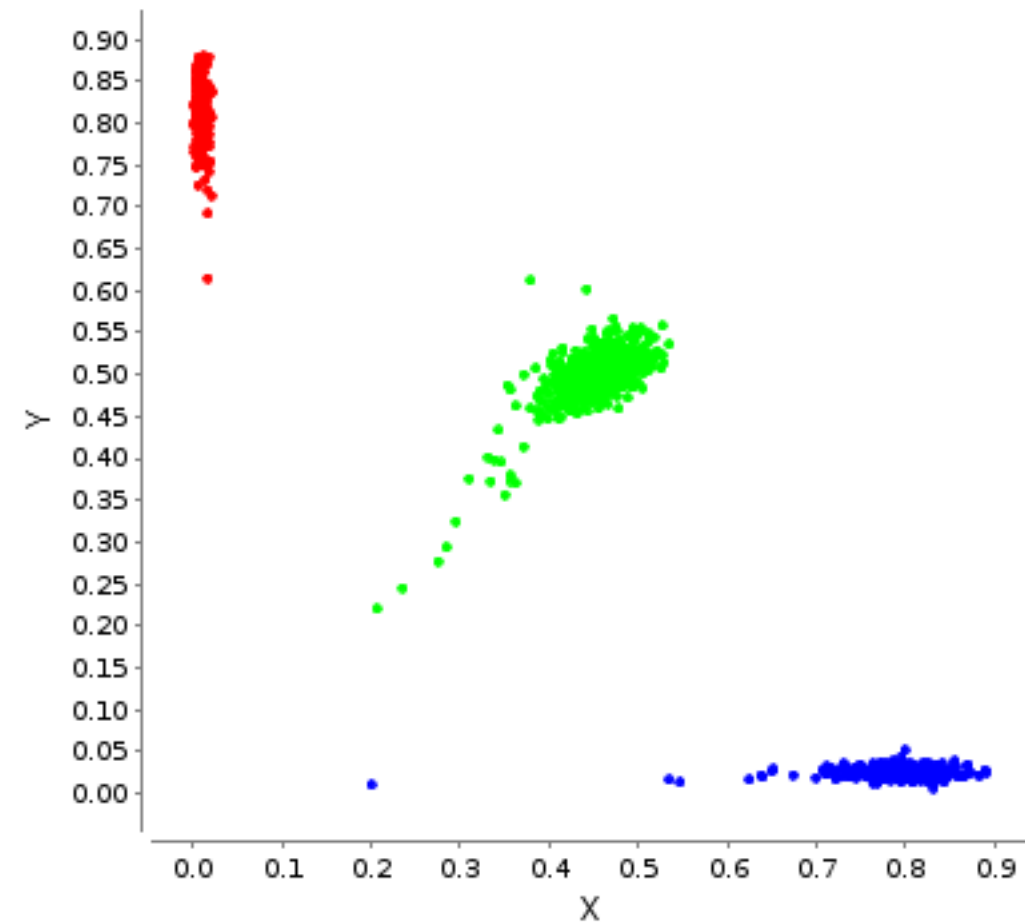
MAF: 0.47 GPC: 1.00 HWE pval: 0.370

exm759118

ClusterPlots_controls
(n=6755)
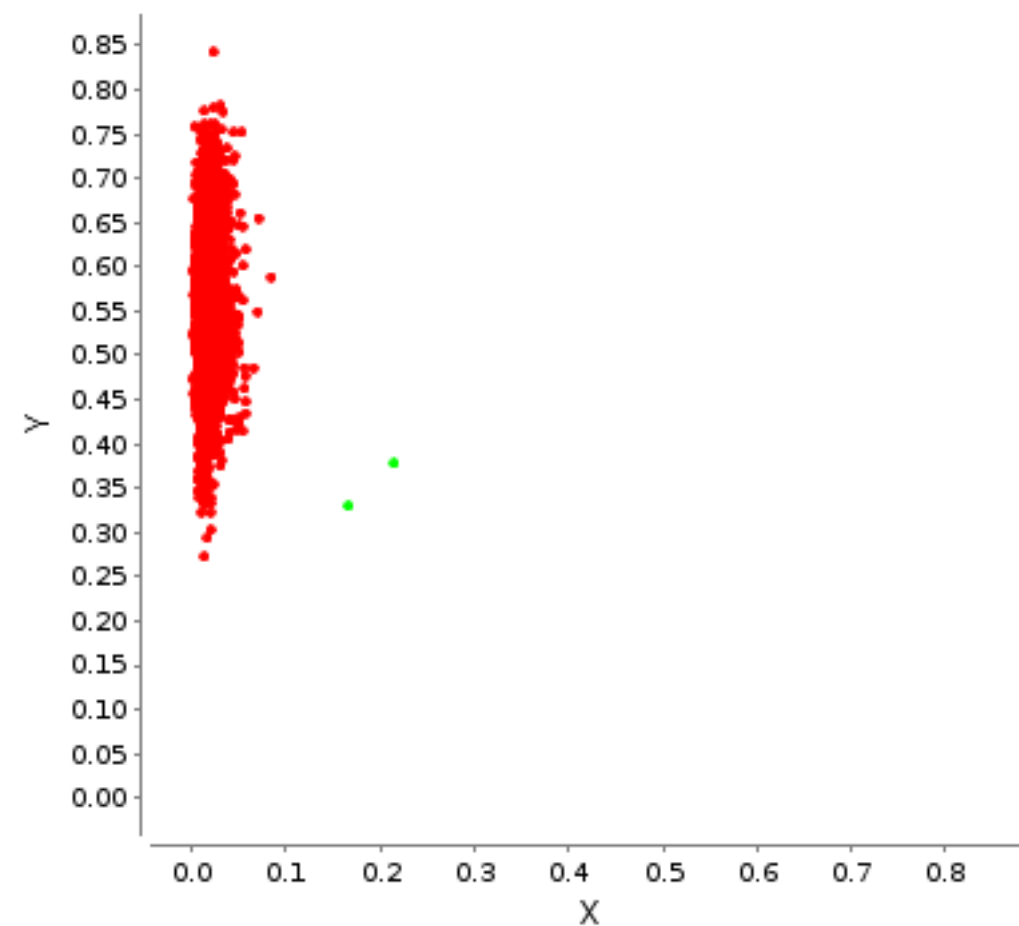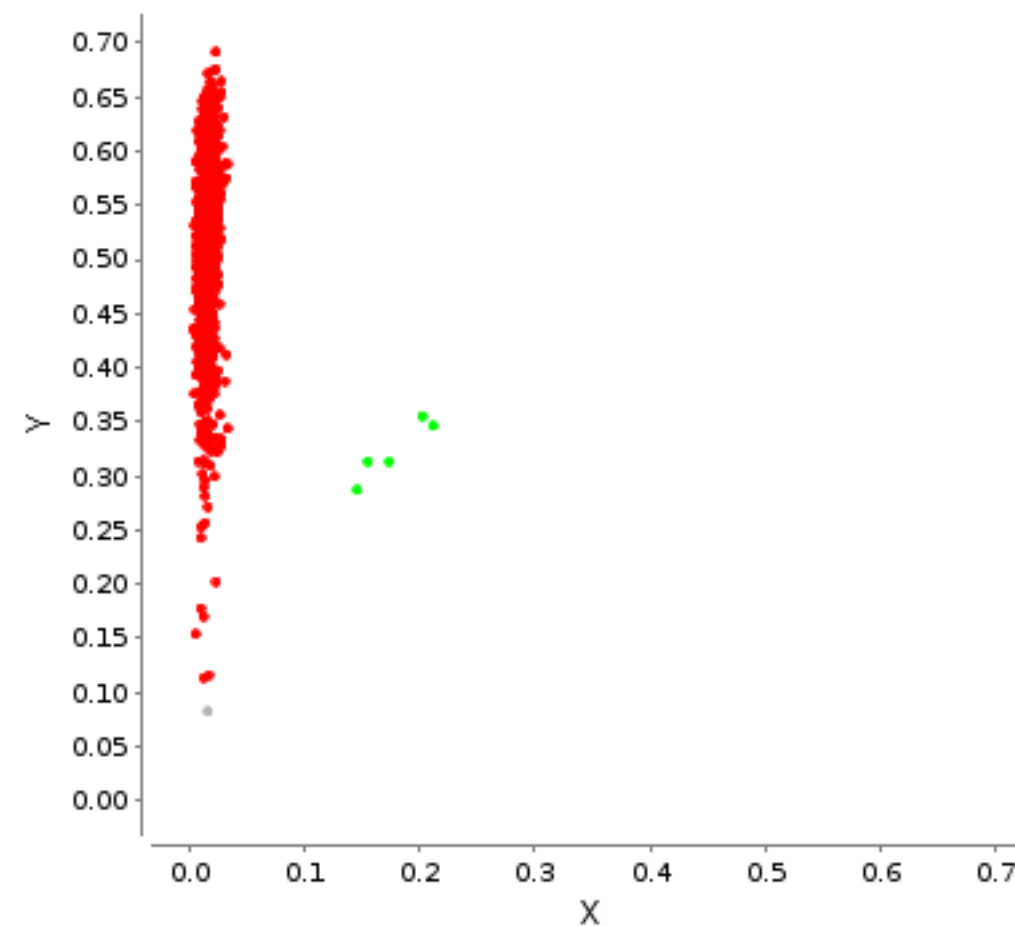
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1003615

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1164155

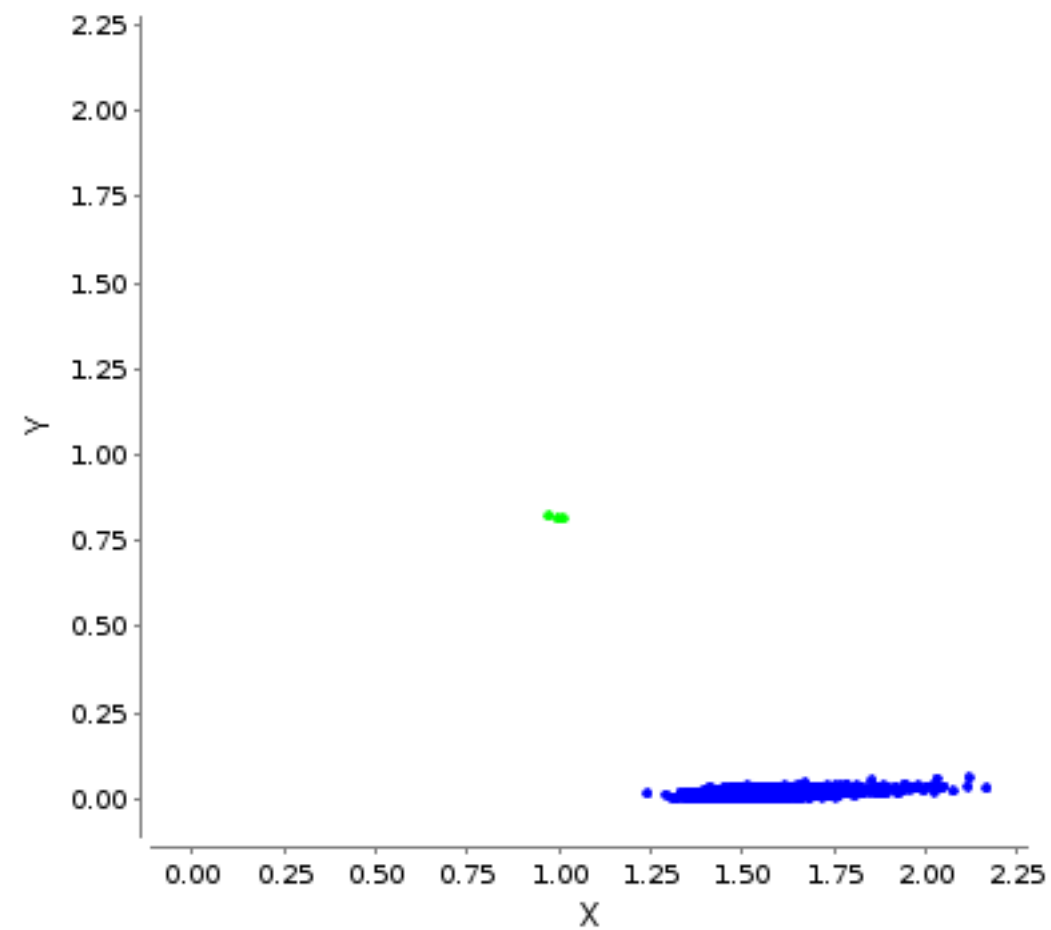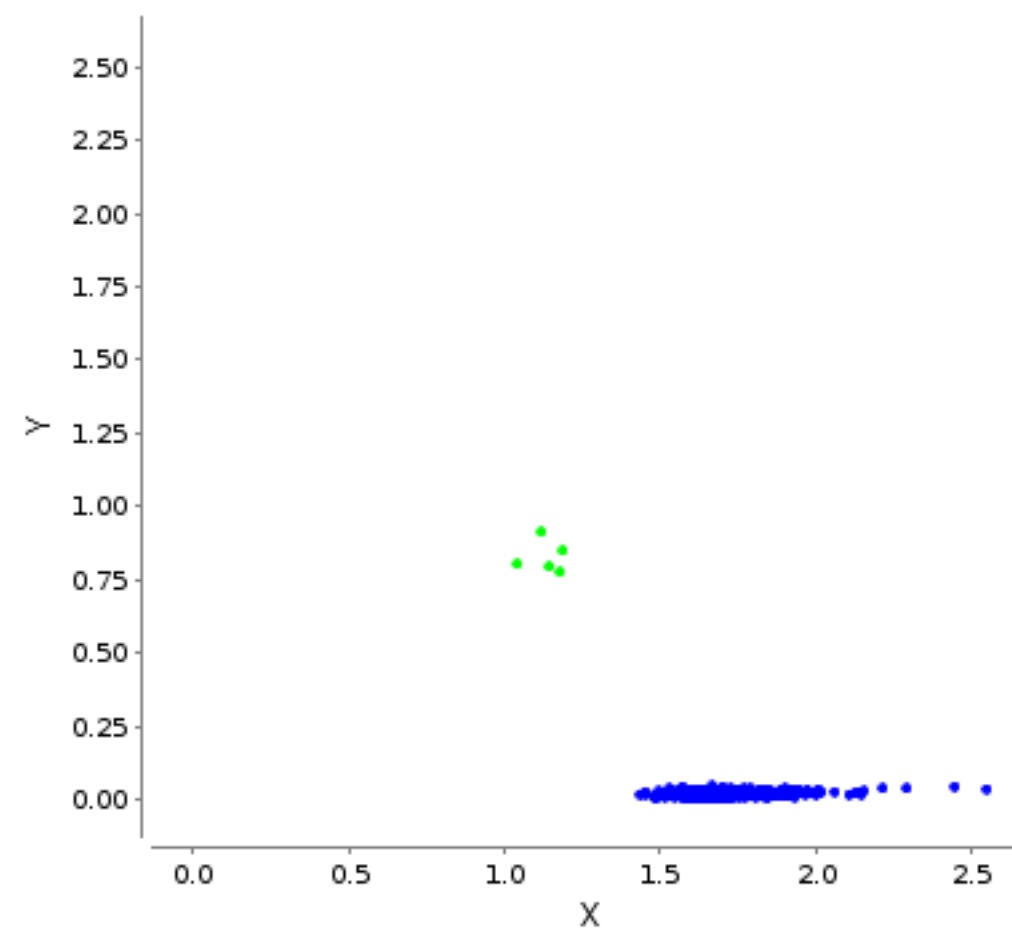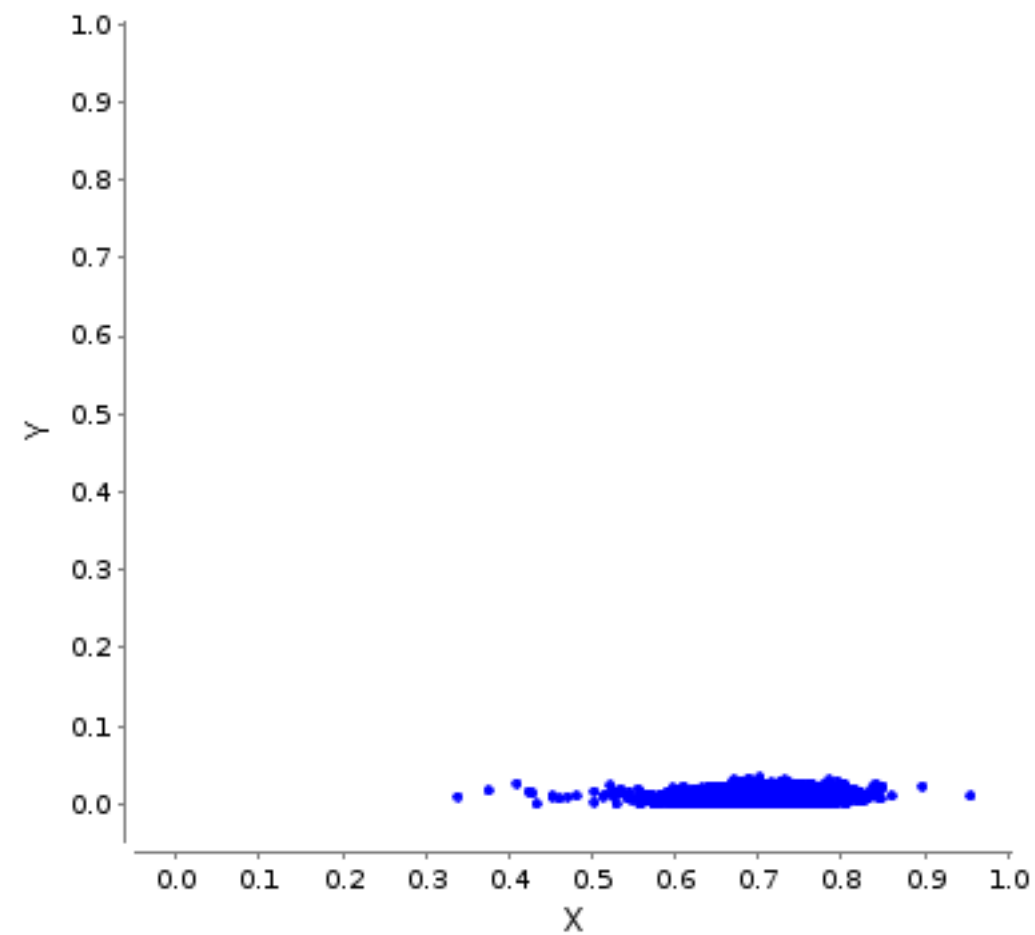| ClusterPlots_controls	ClusterPlots_cases
(n=6755)	(n=1189)
MAF: 0.00 GPC: 1.00 HWE pval: 1.000	MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm619451

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
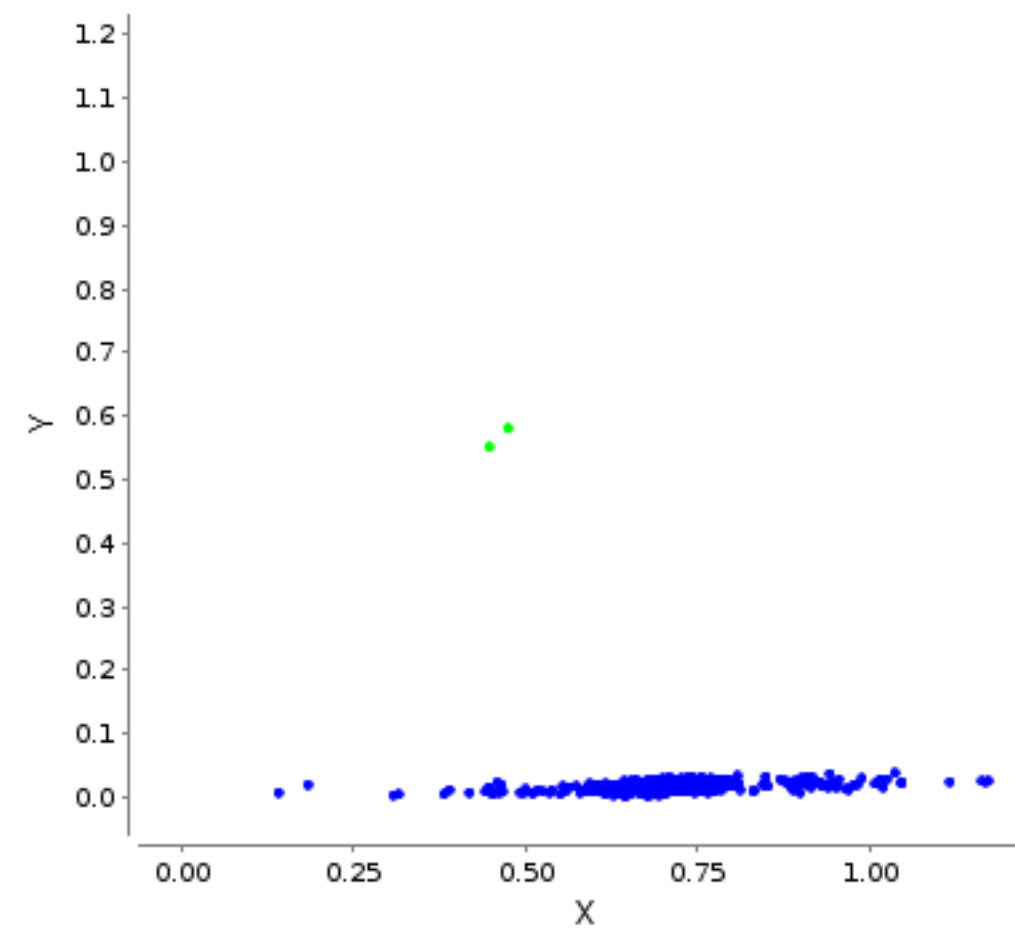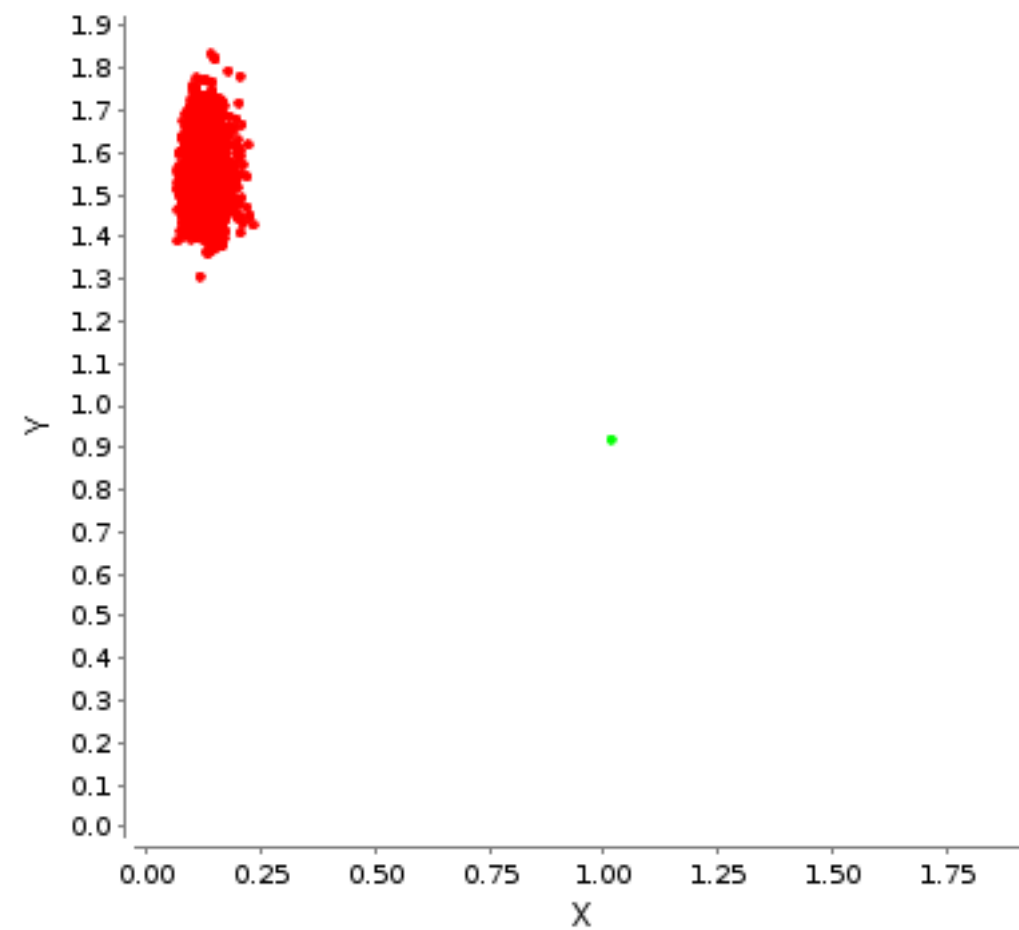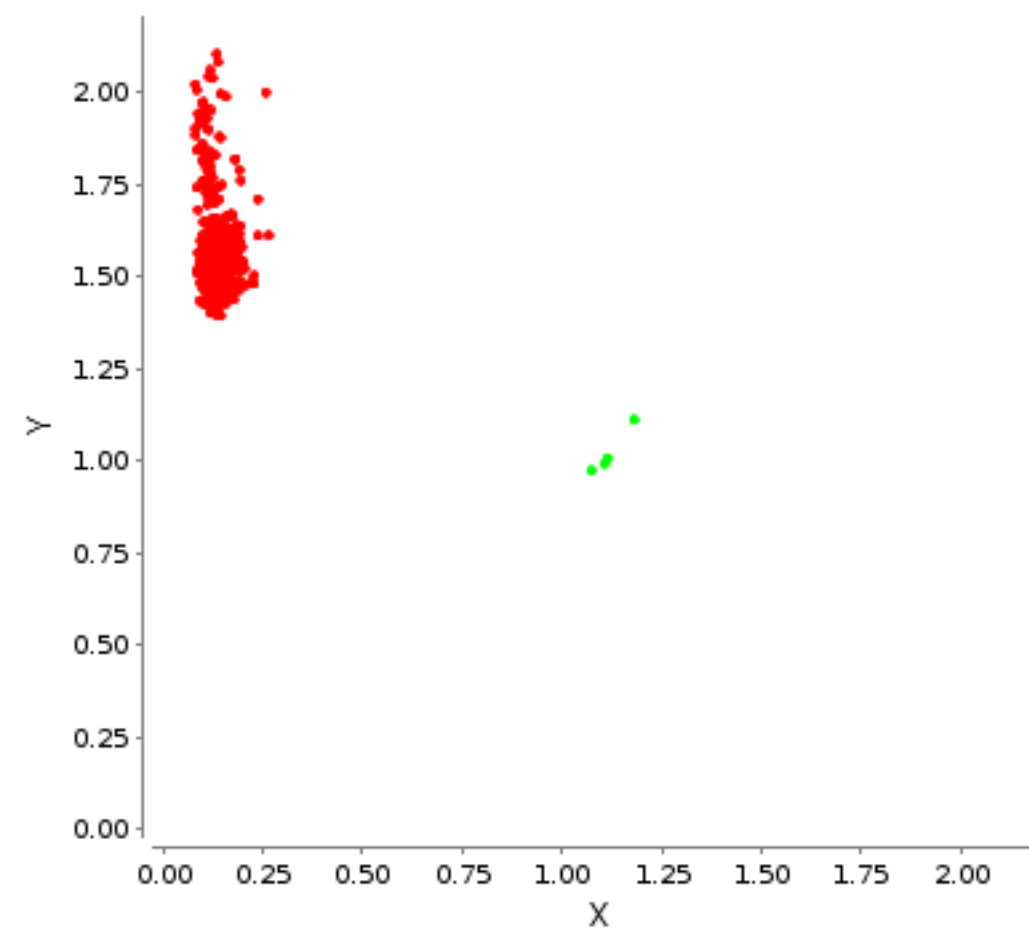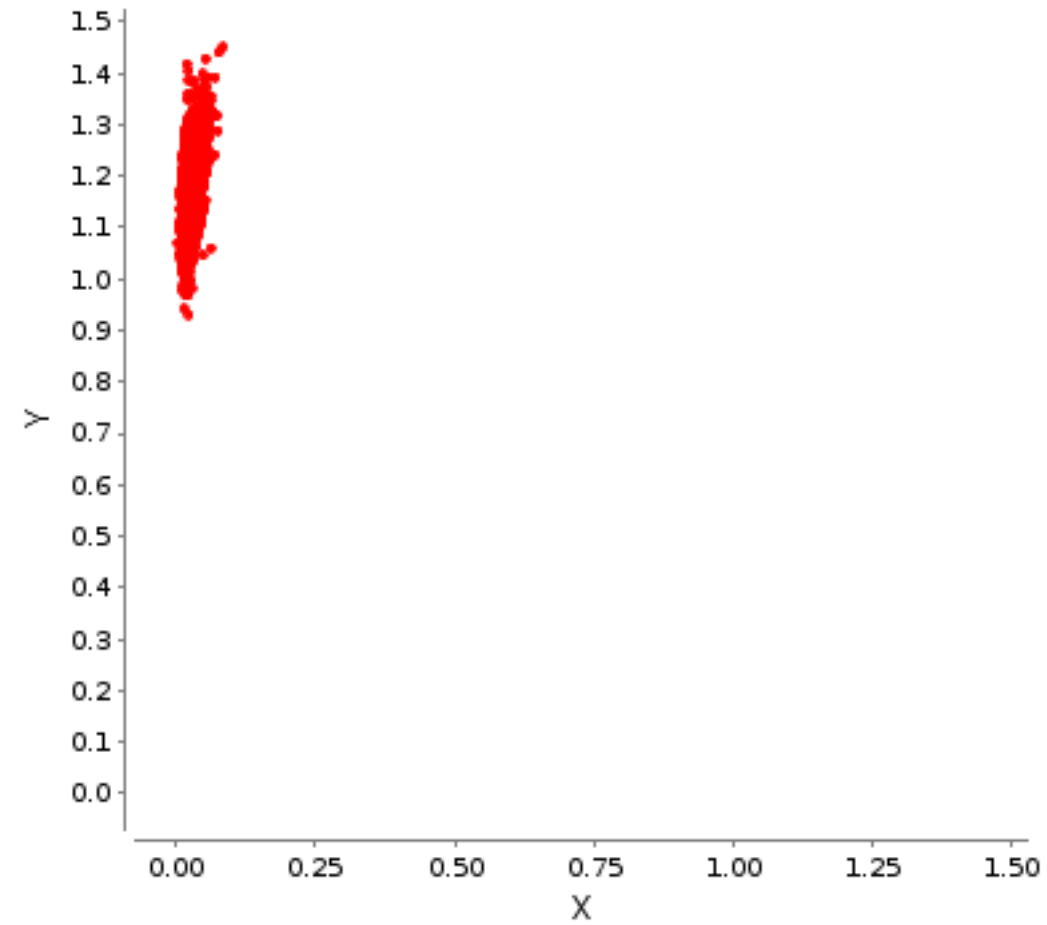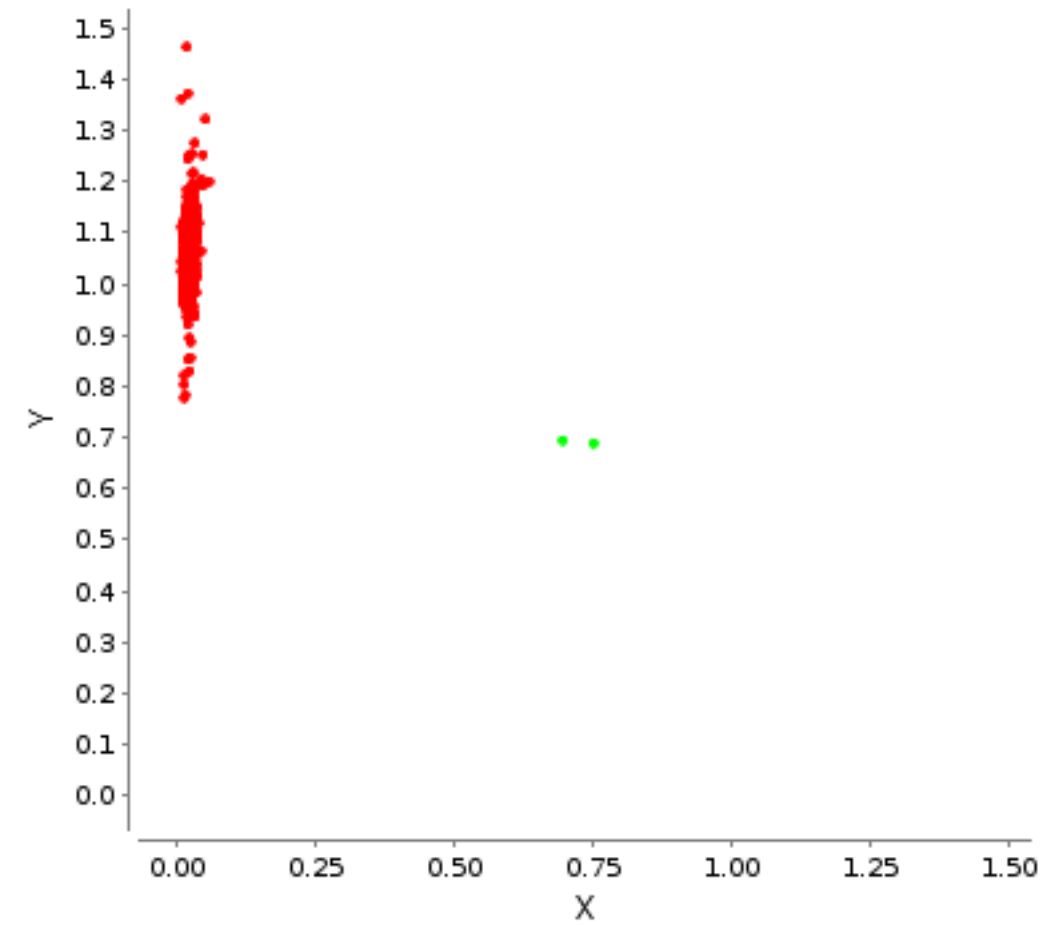
exm1609555

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)
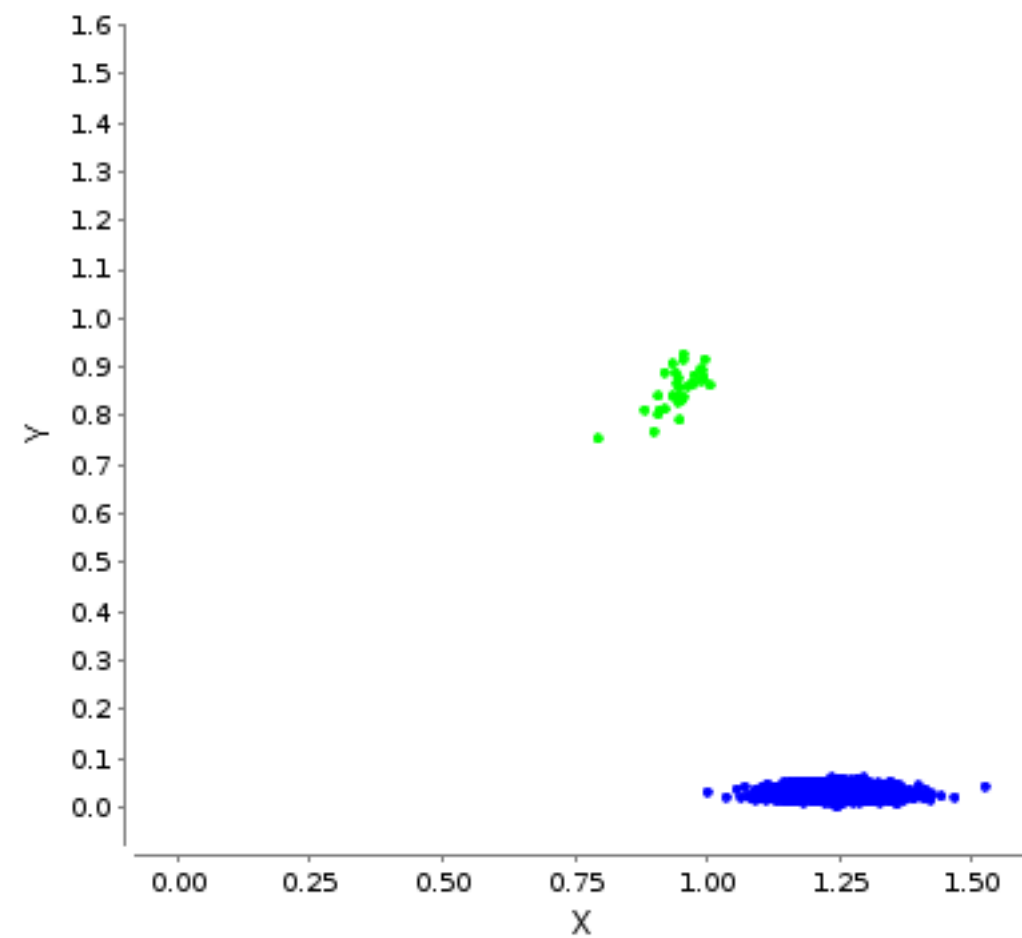
MAF: 0.00 GPC: 1.00 HWE pval: 1.000   MAF: 0.00 GPC: 1.00 HWE pval: 1.000
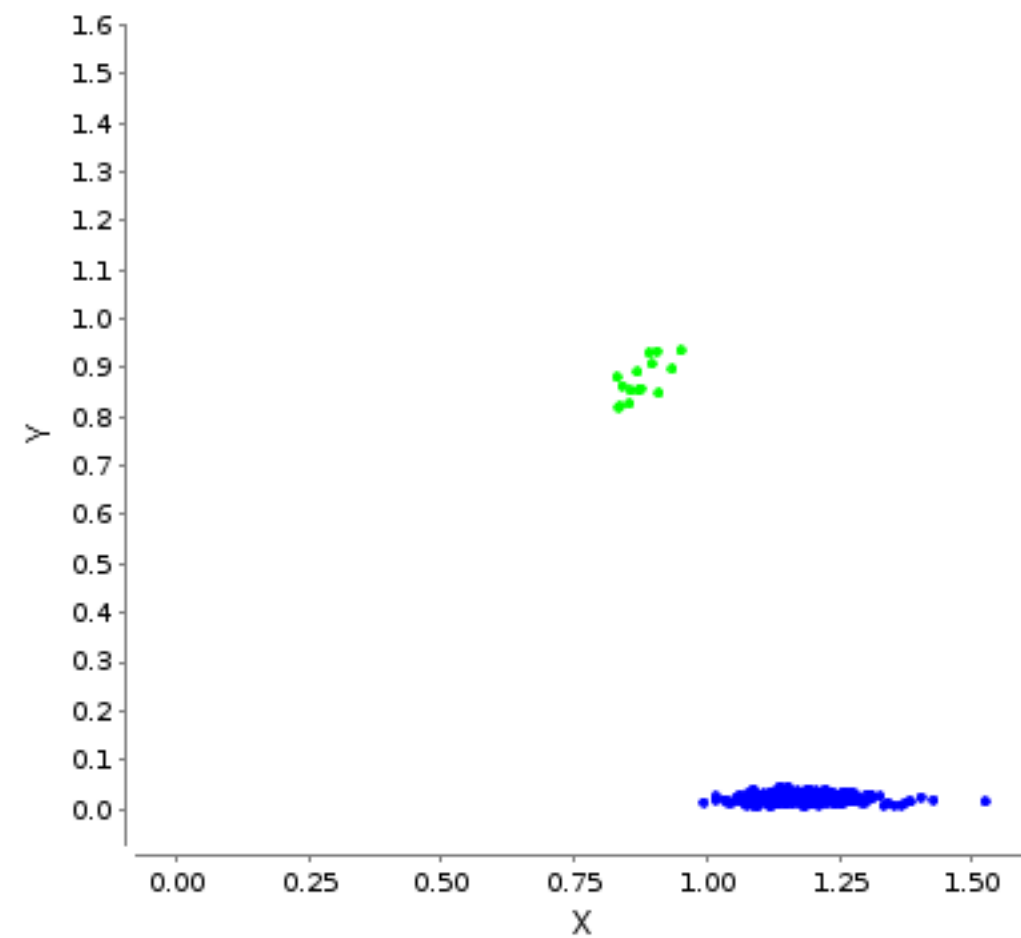
exm1534324

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
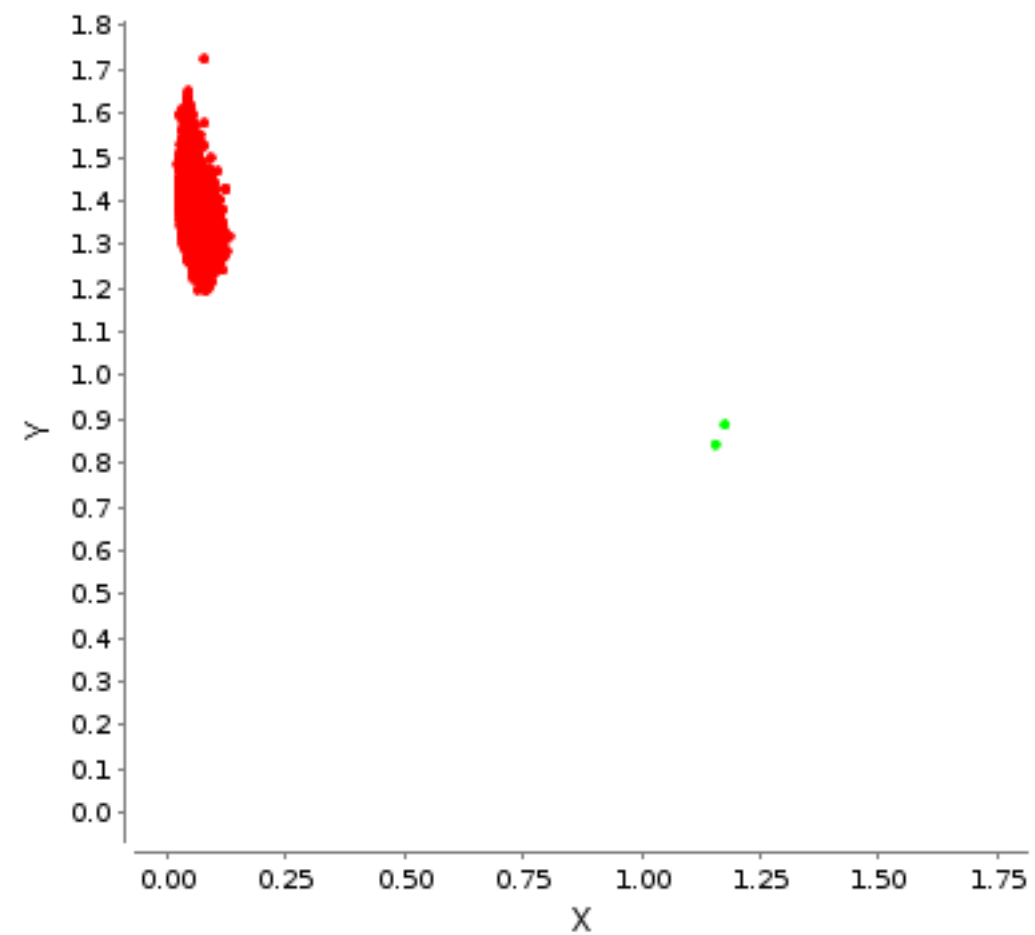
ClusterPlots_cases
(n=1189)

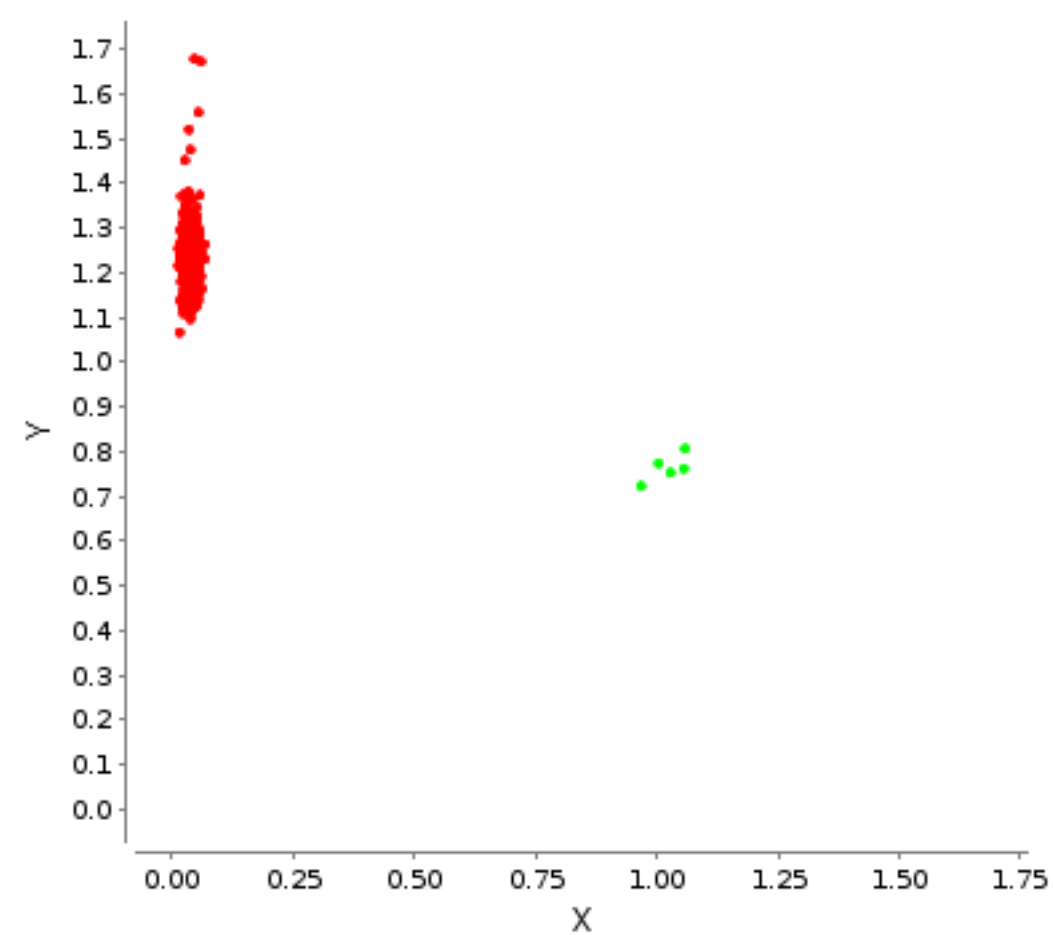MAF: 0.01 GPC: 1.00 HWE pval: 1.000

exm527441

ClusterPlots_controls
(n=6755)
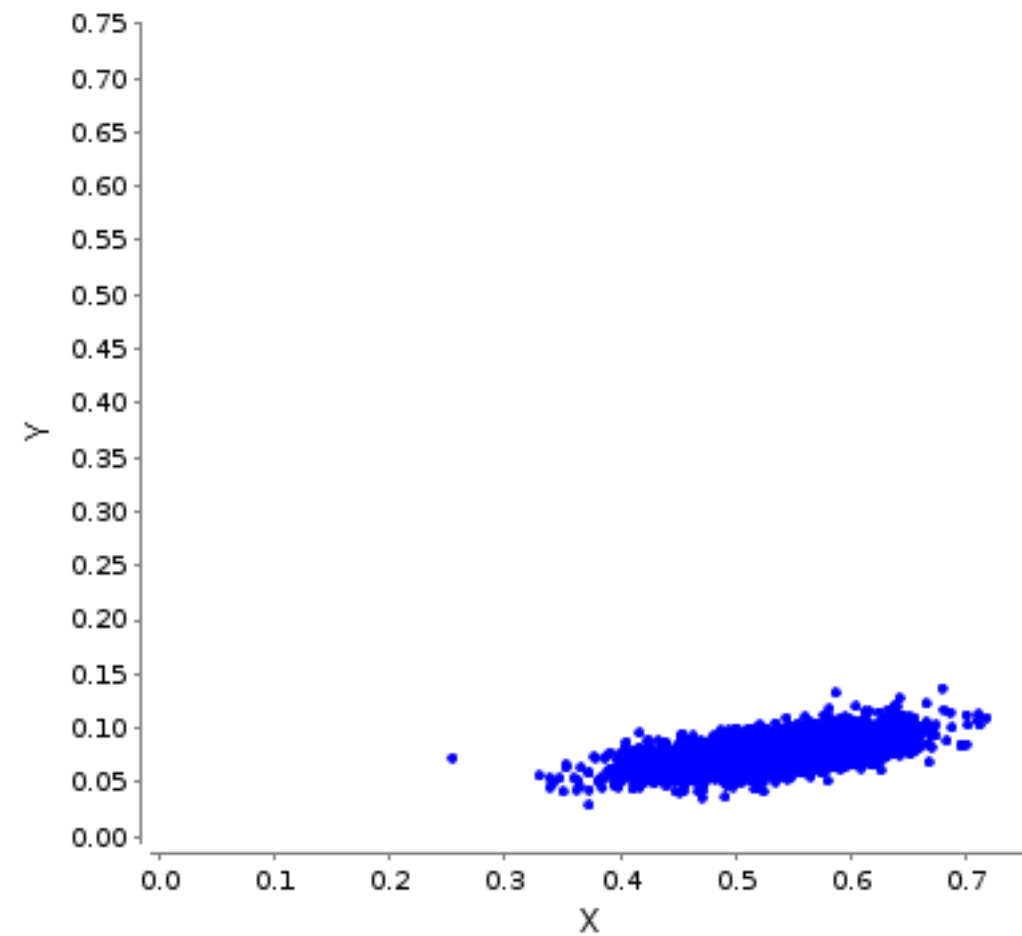
MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
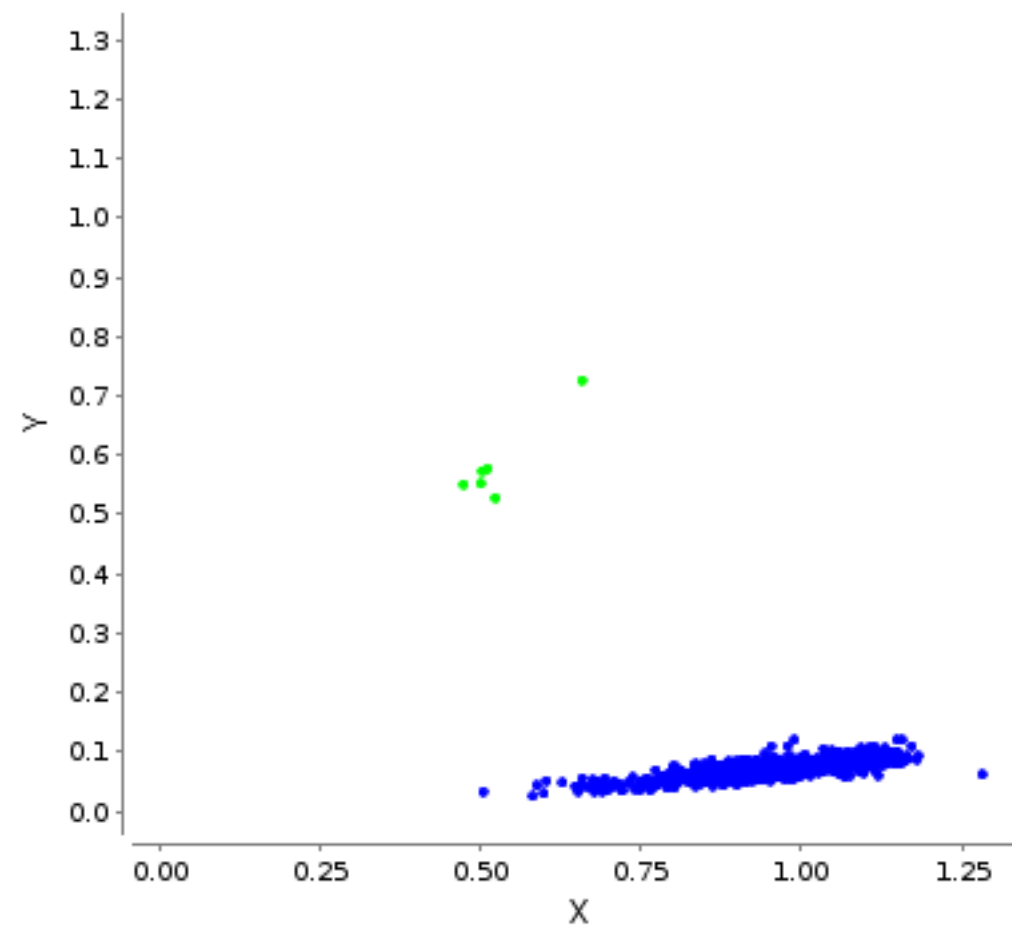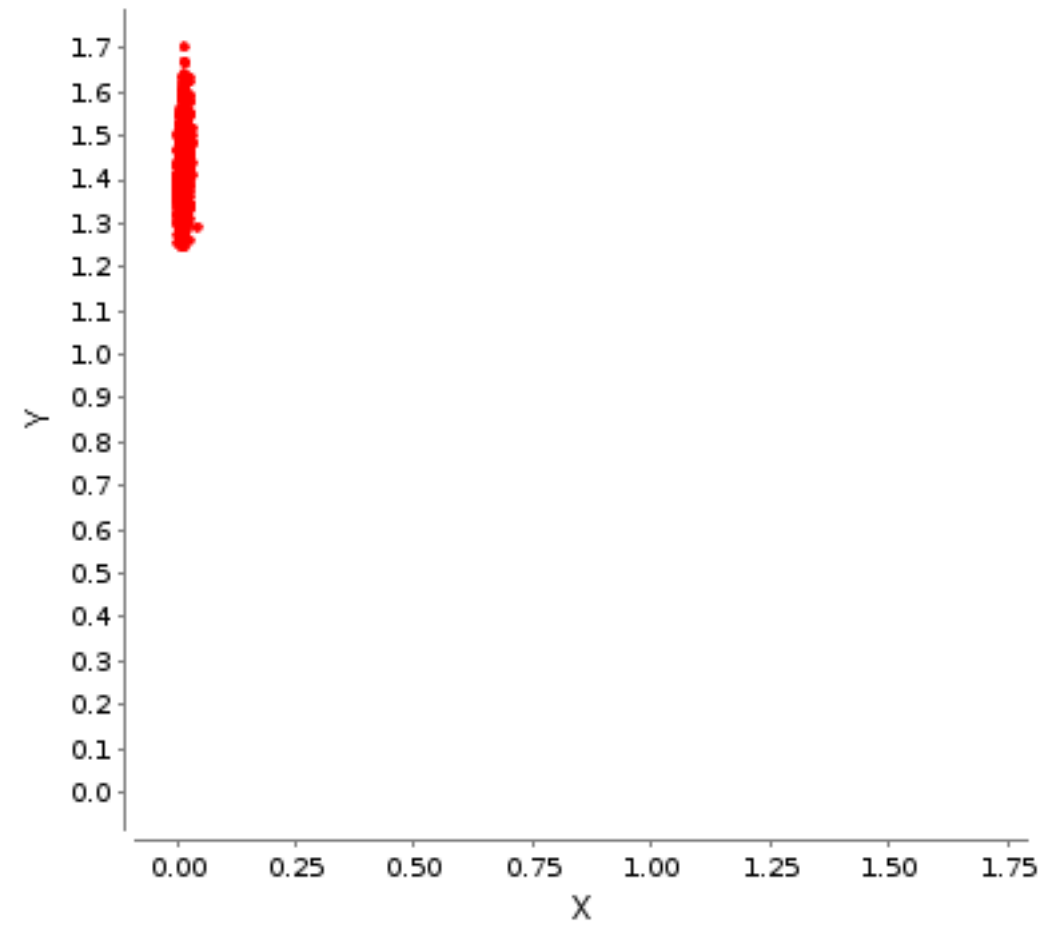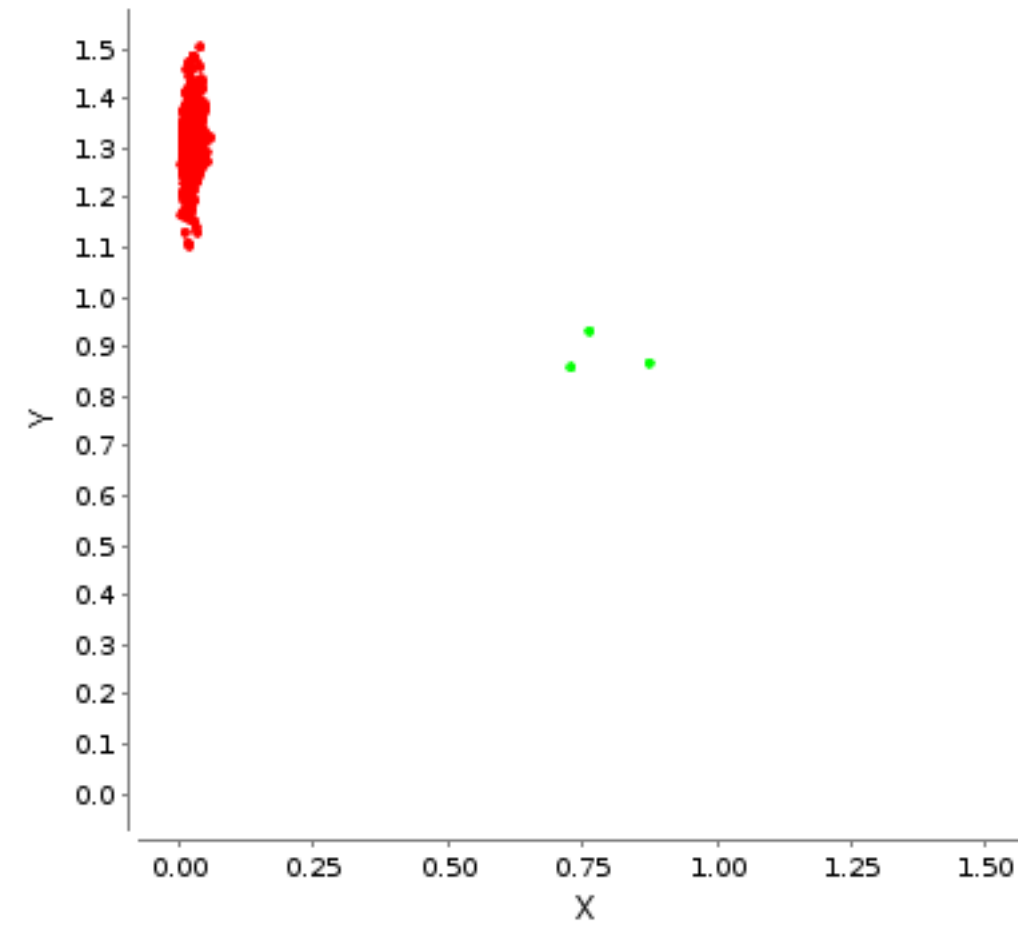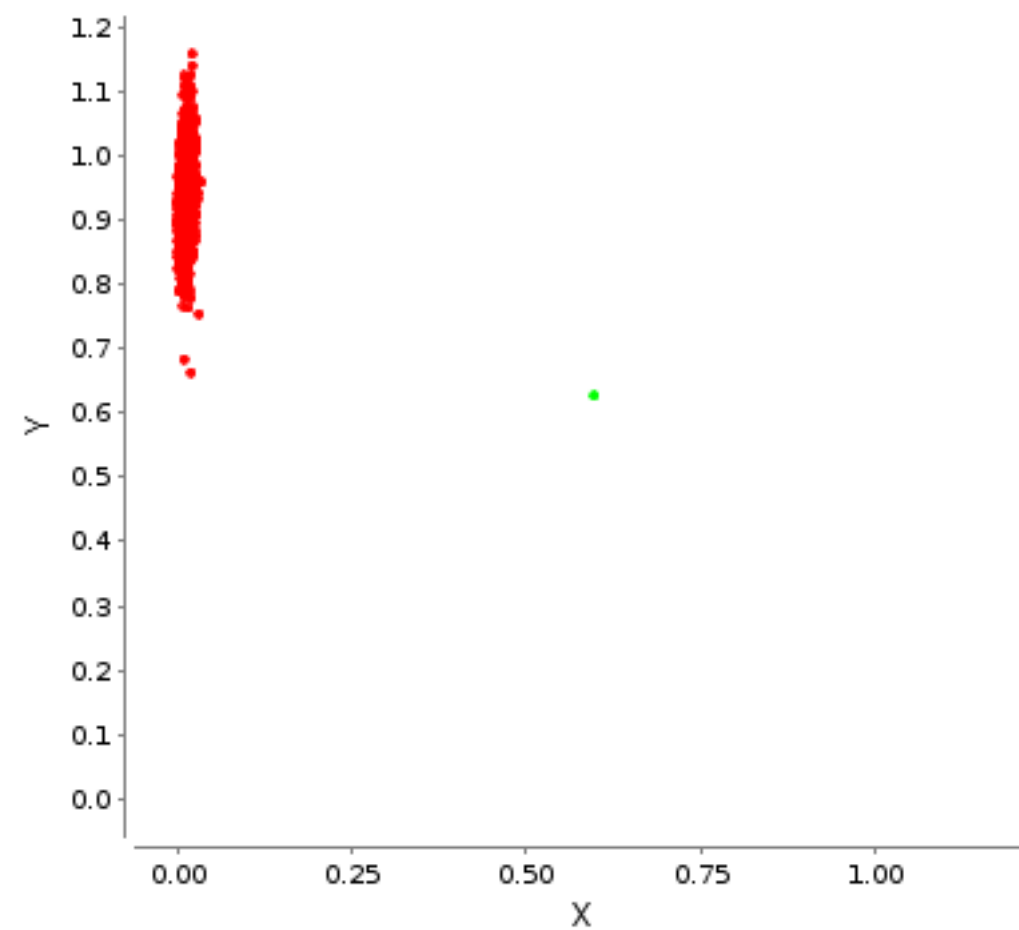
exm609279

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1602245

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm335211

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
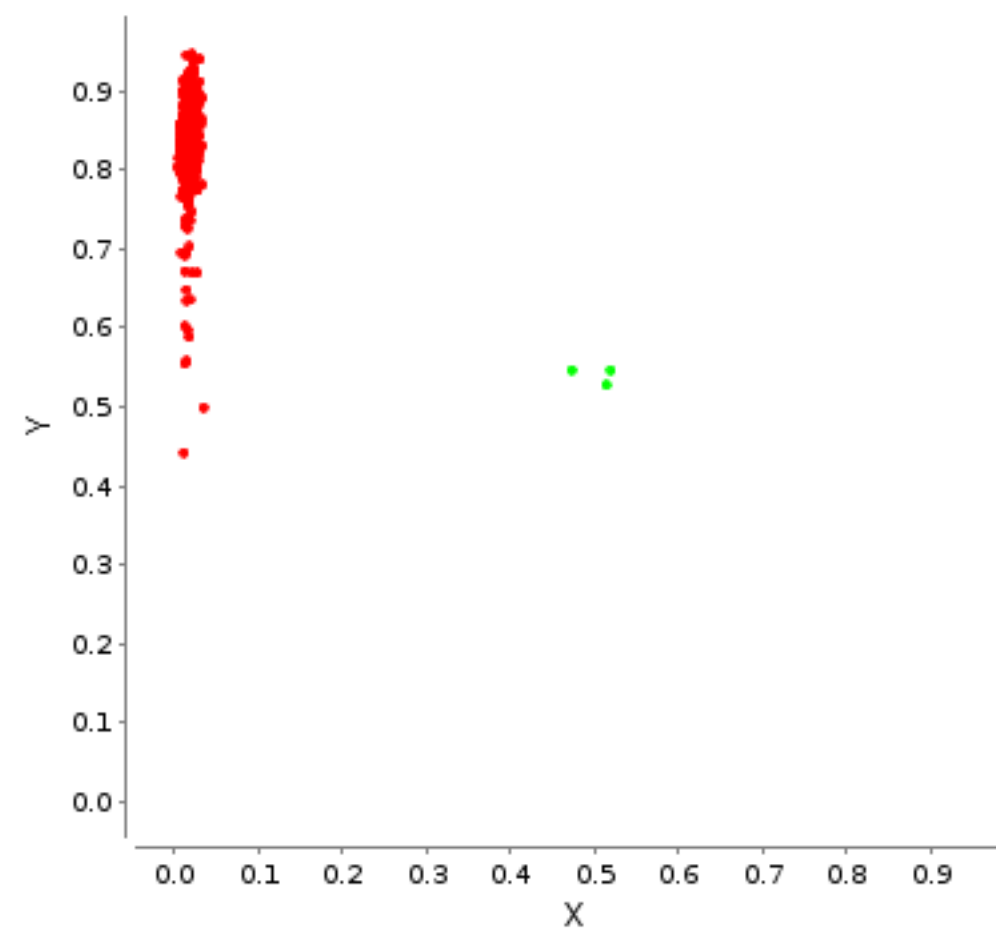(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1436897

ClusterPlots_controls
(n=6755)
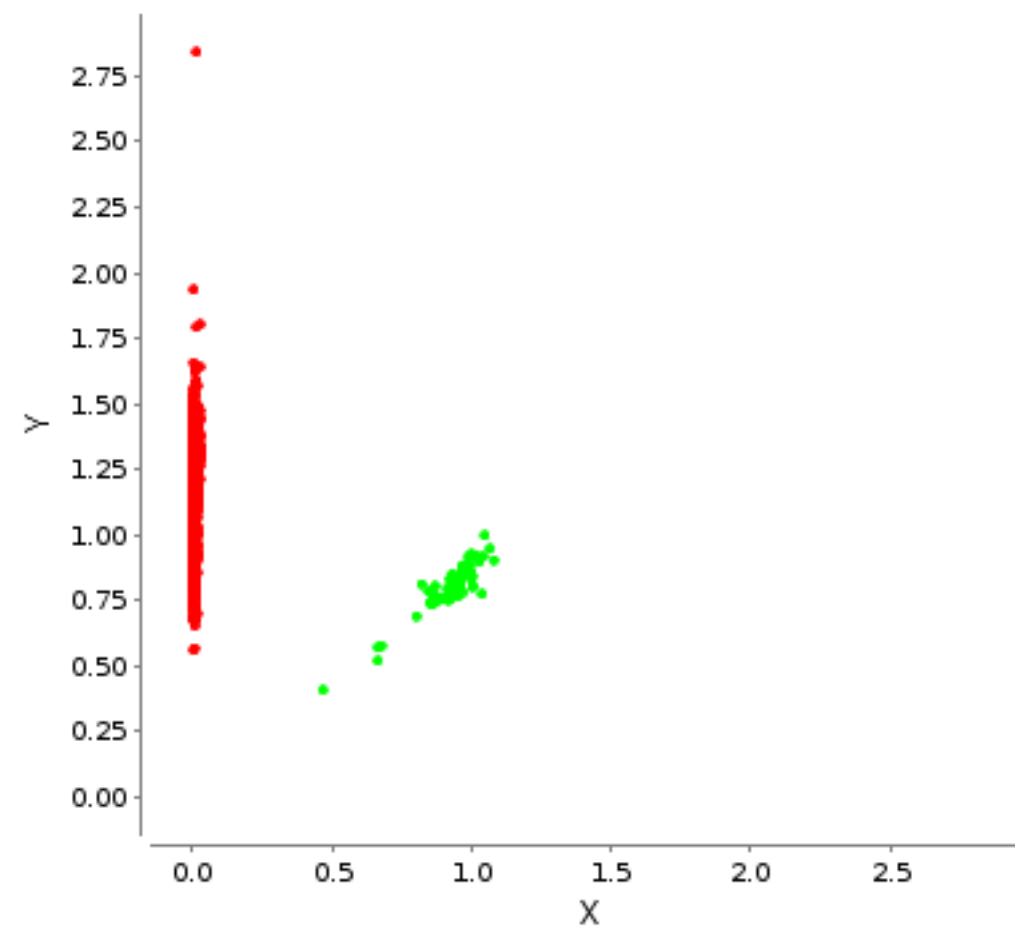
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
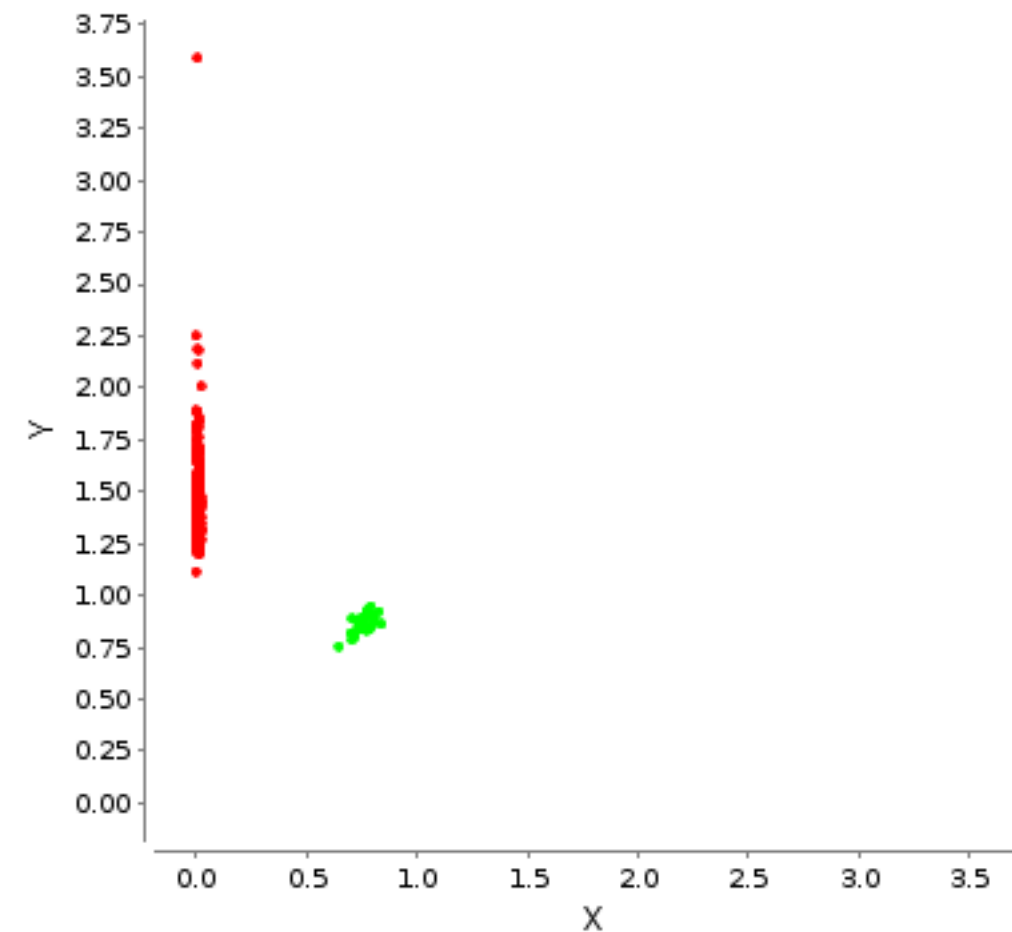
MAF: 0.01 GPC: 1.00 HWE pval: 1.000

exm1503037

ClusterPlots_controls
(n=6755)
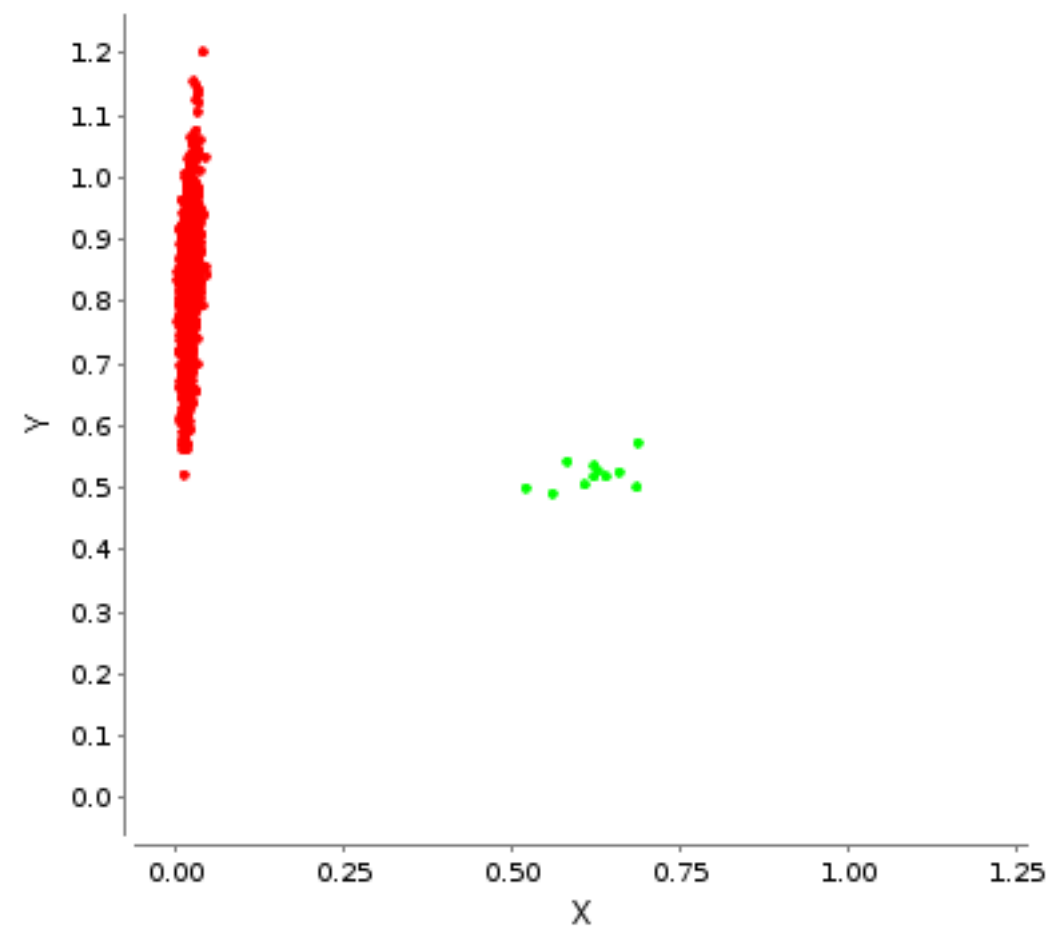
ClusterPlots_cases
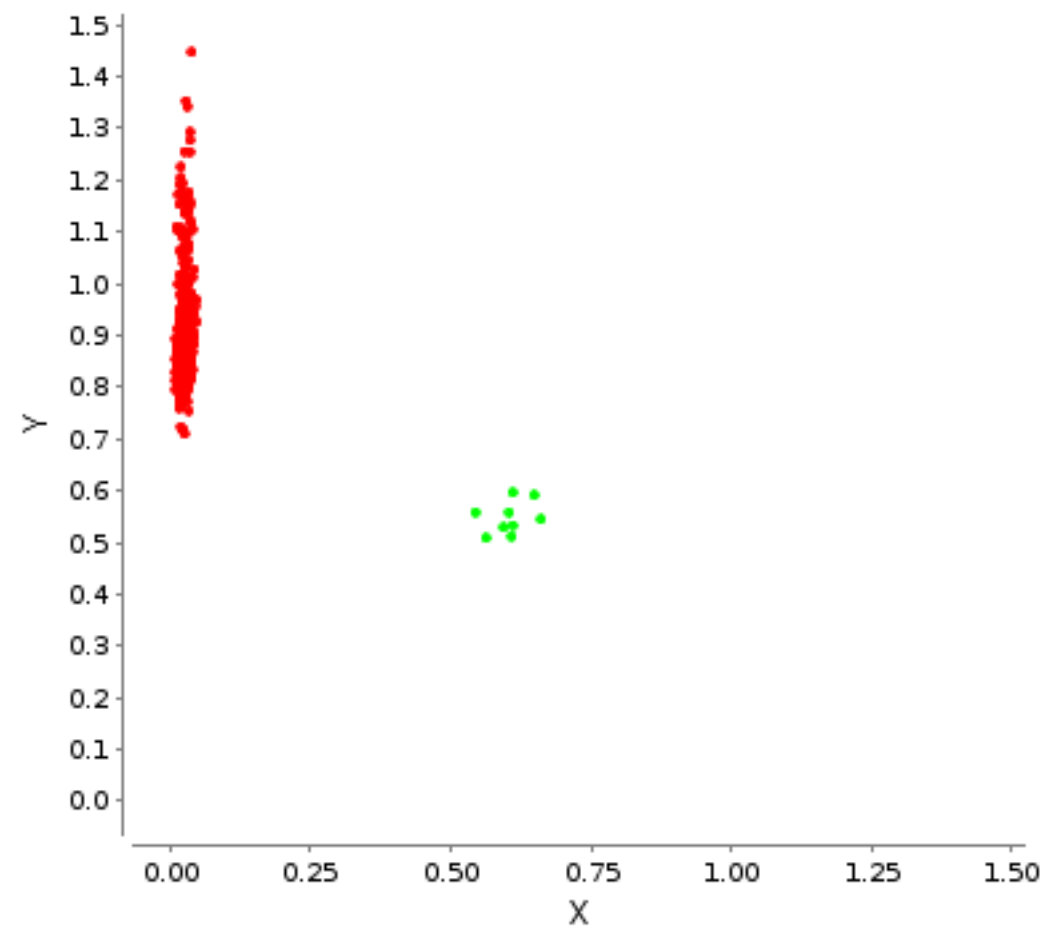(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm982665

ClusterPlots_controls
(n=6755)
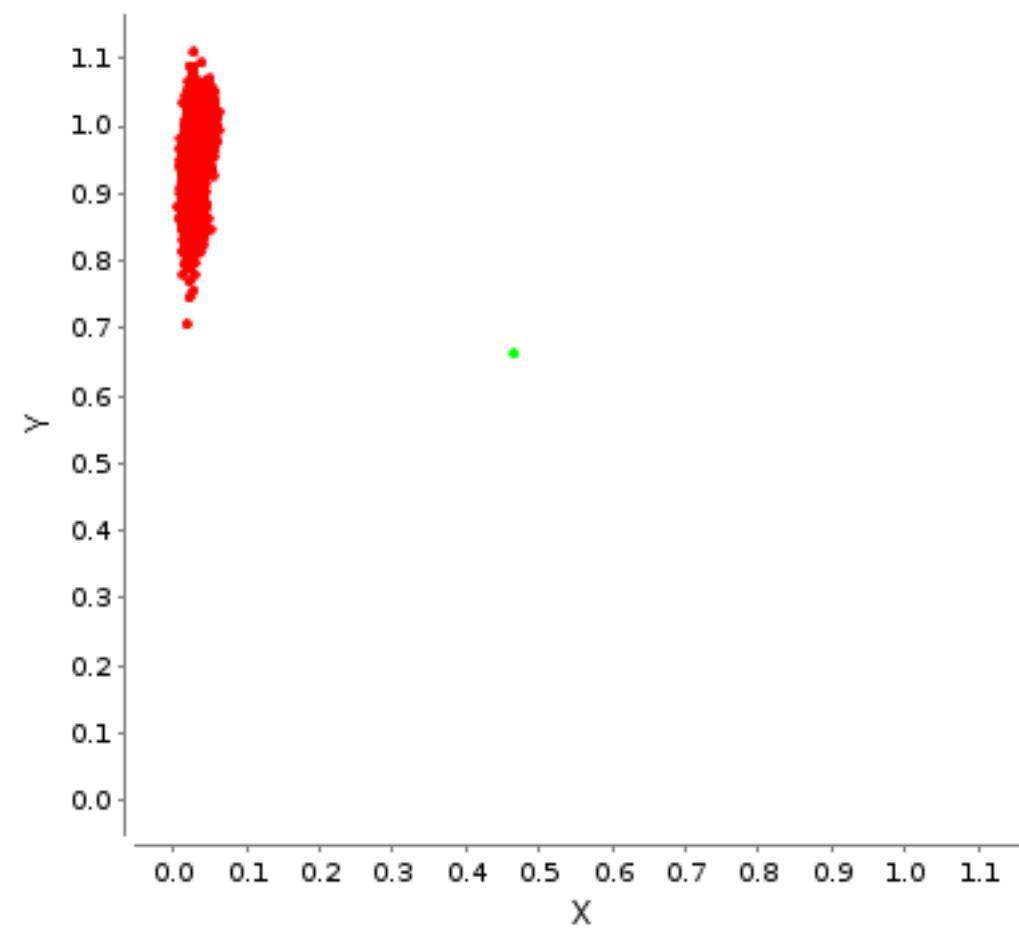
ClusterPlots_cases
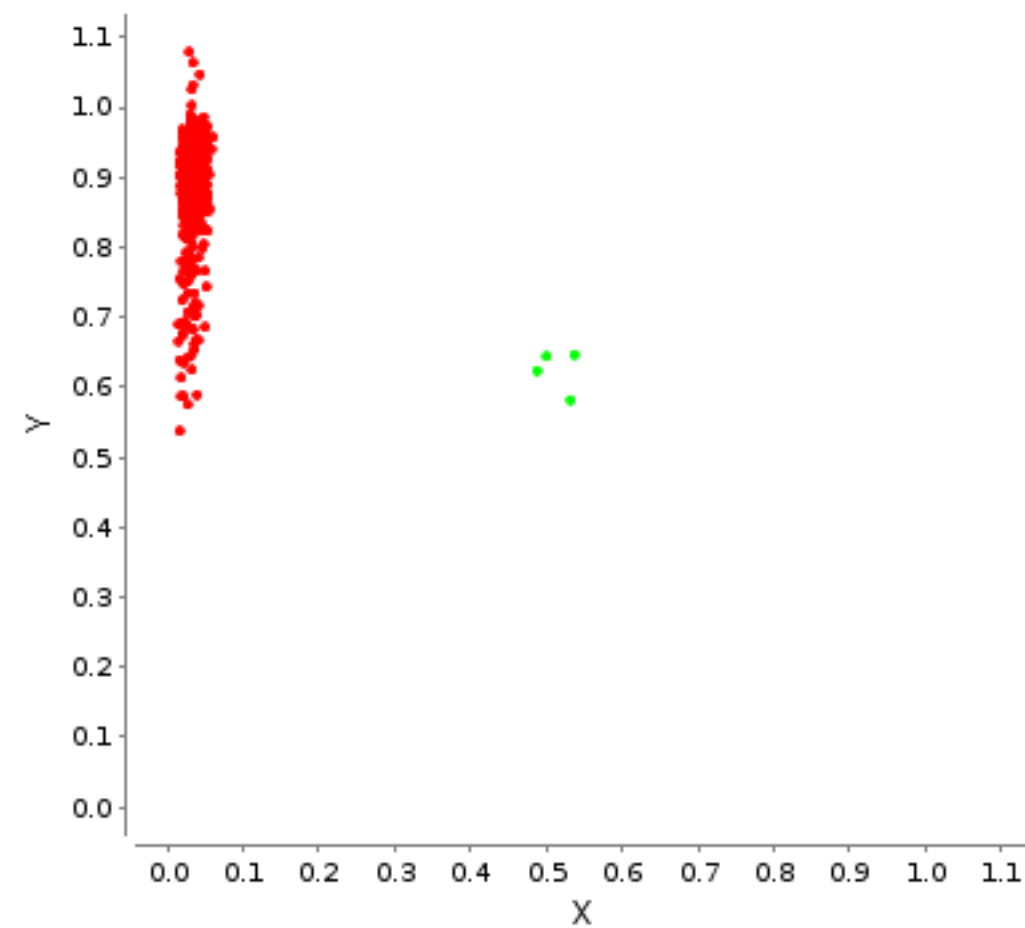(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
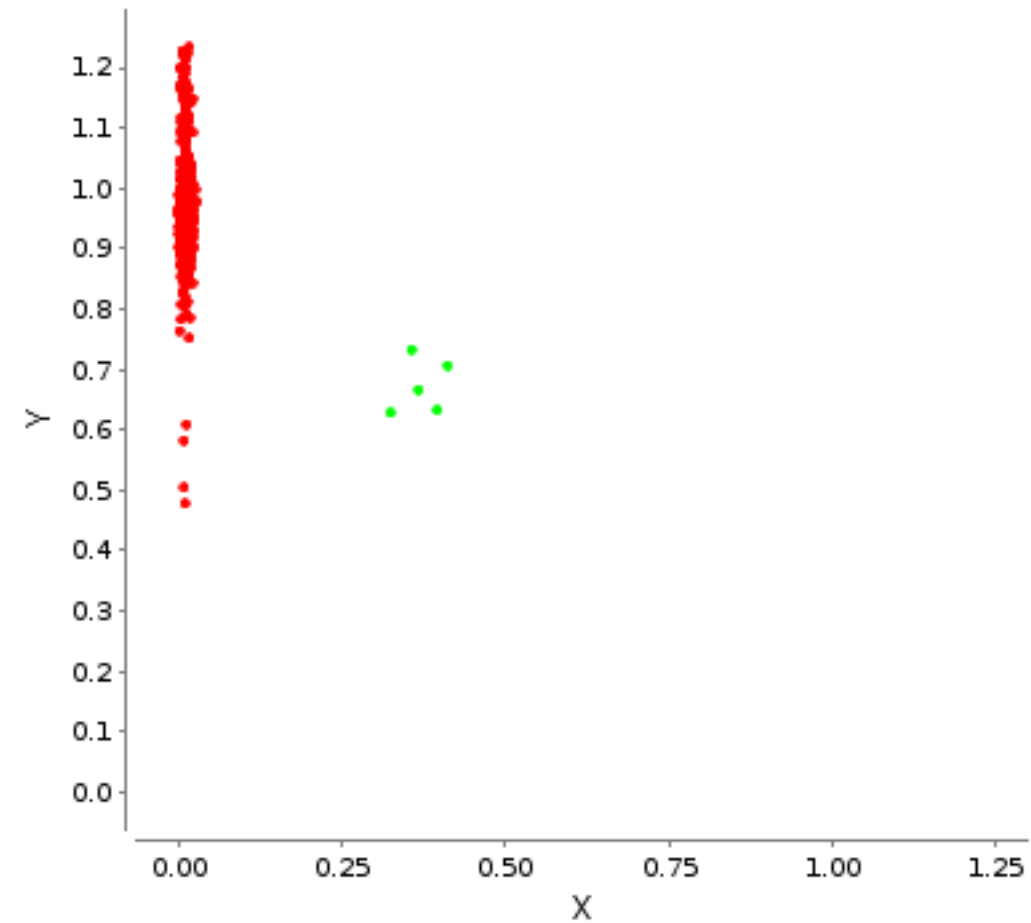
exm94228

ClusterPlots_controls
(n=6755)
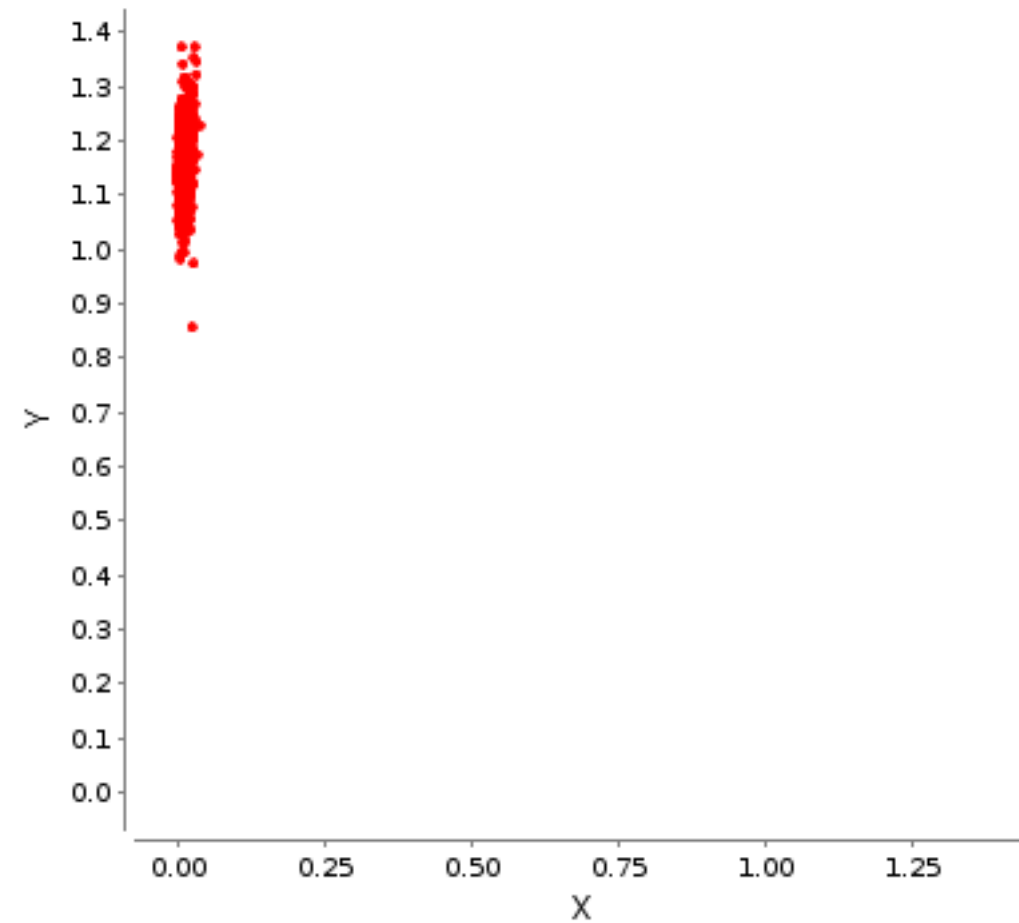
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm706617

ClusterPlots_controls
(n=6755)
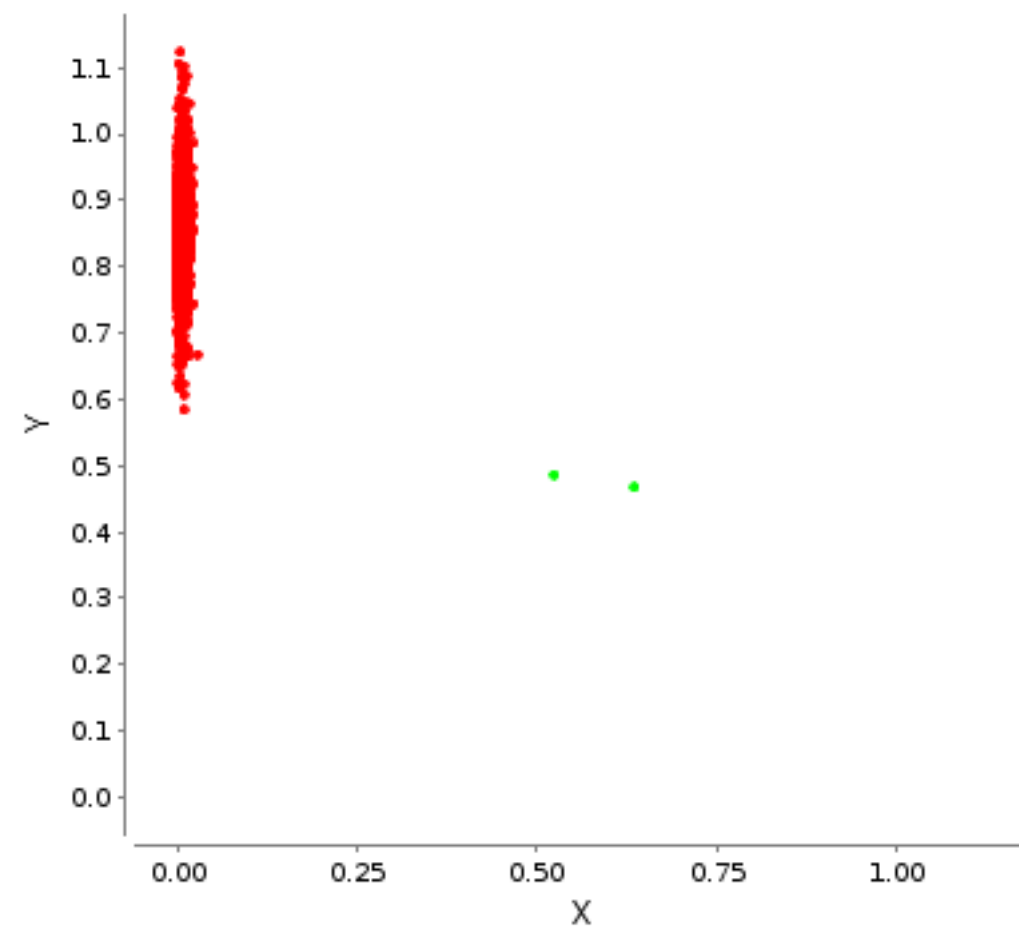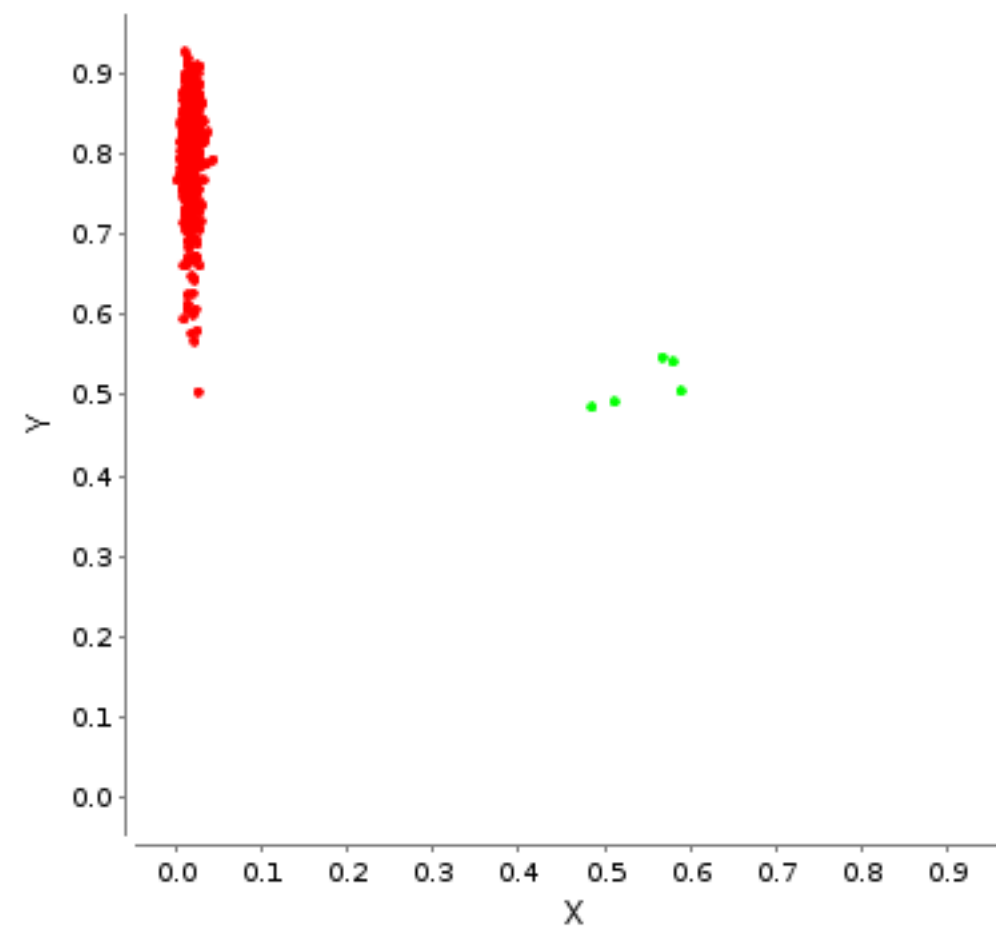
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000   MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1216140

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm-rs17696736
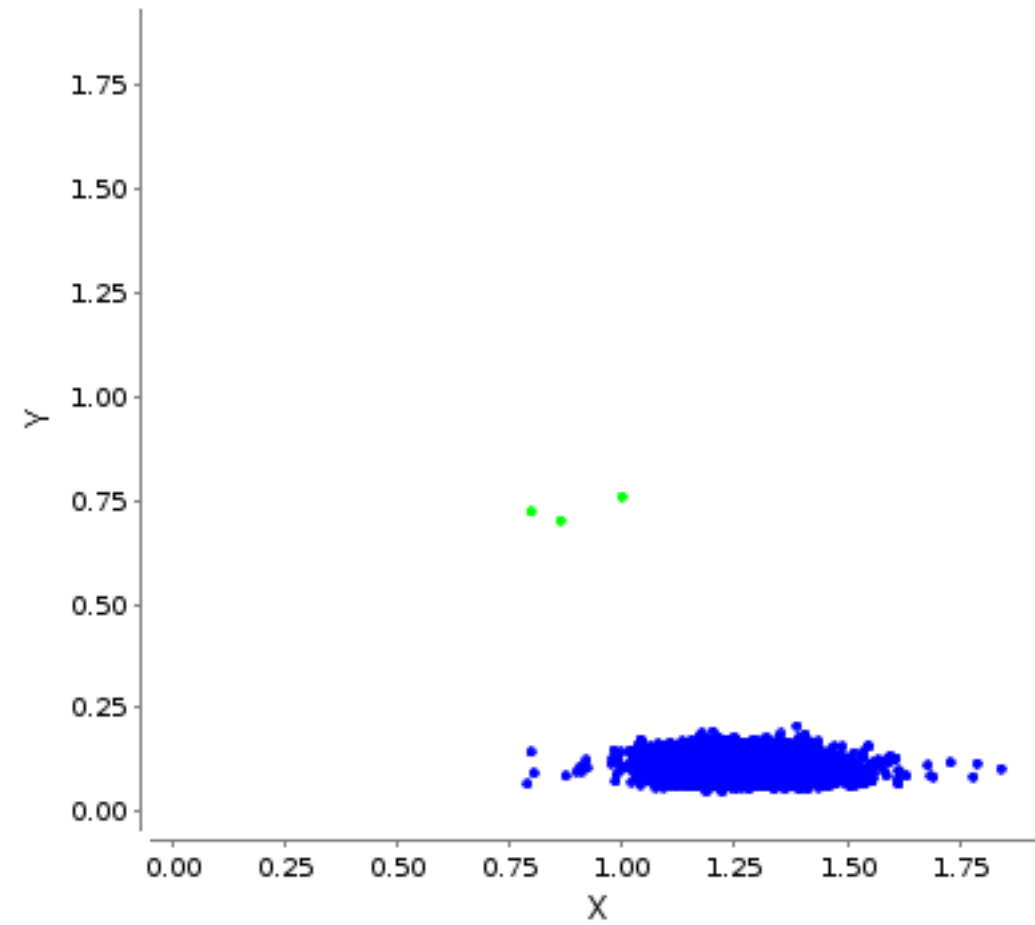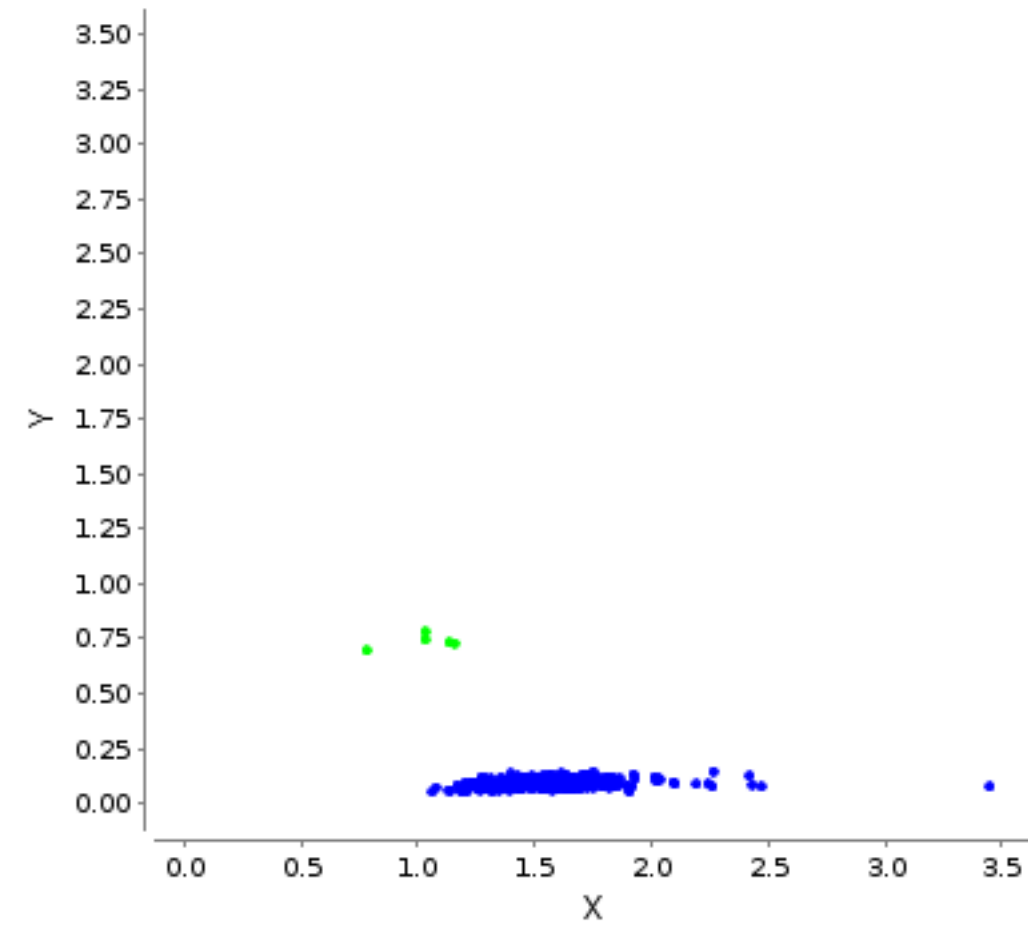
ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)
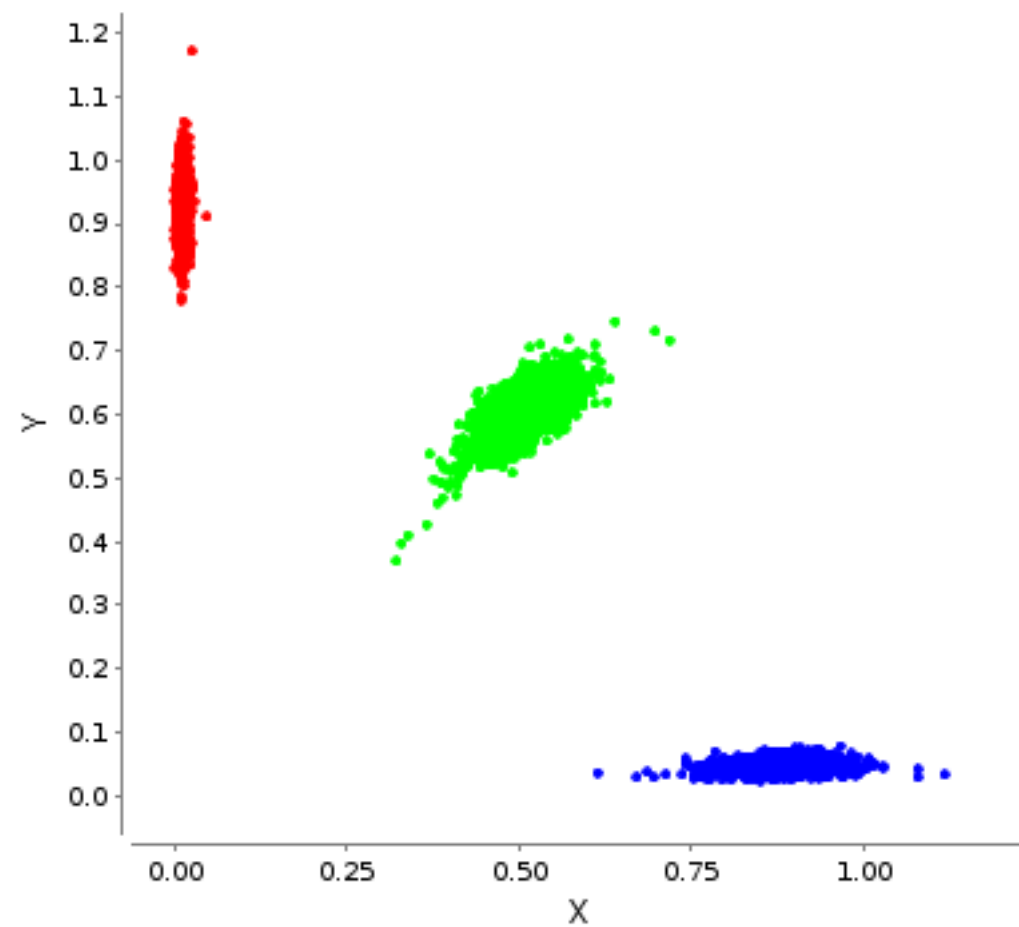
MAF: 0.46 GPC: 1.00 HWE pval: 0.182
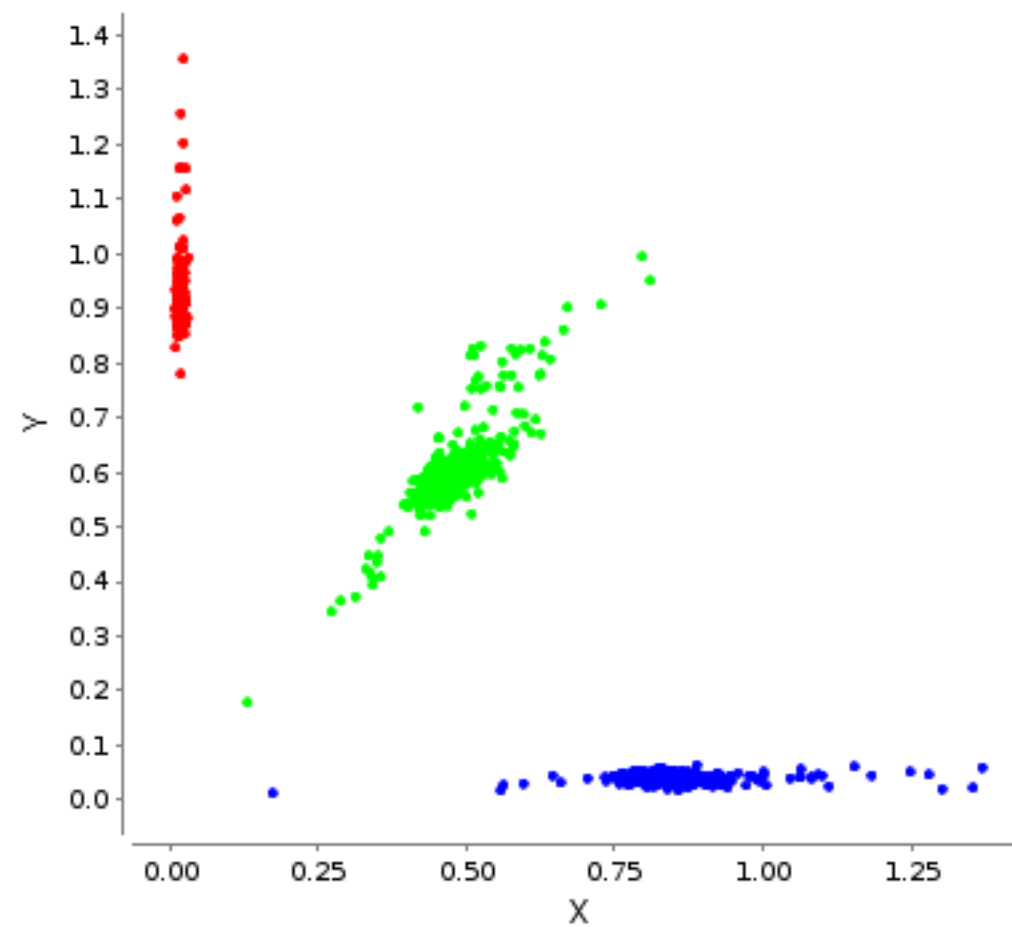
MAF: 0.42 GPC: 1.00 HWE pval: 0.961

exm-rs2075650

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)
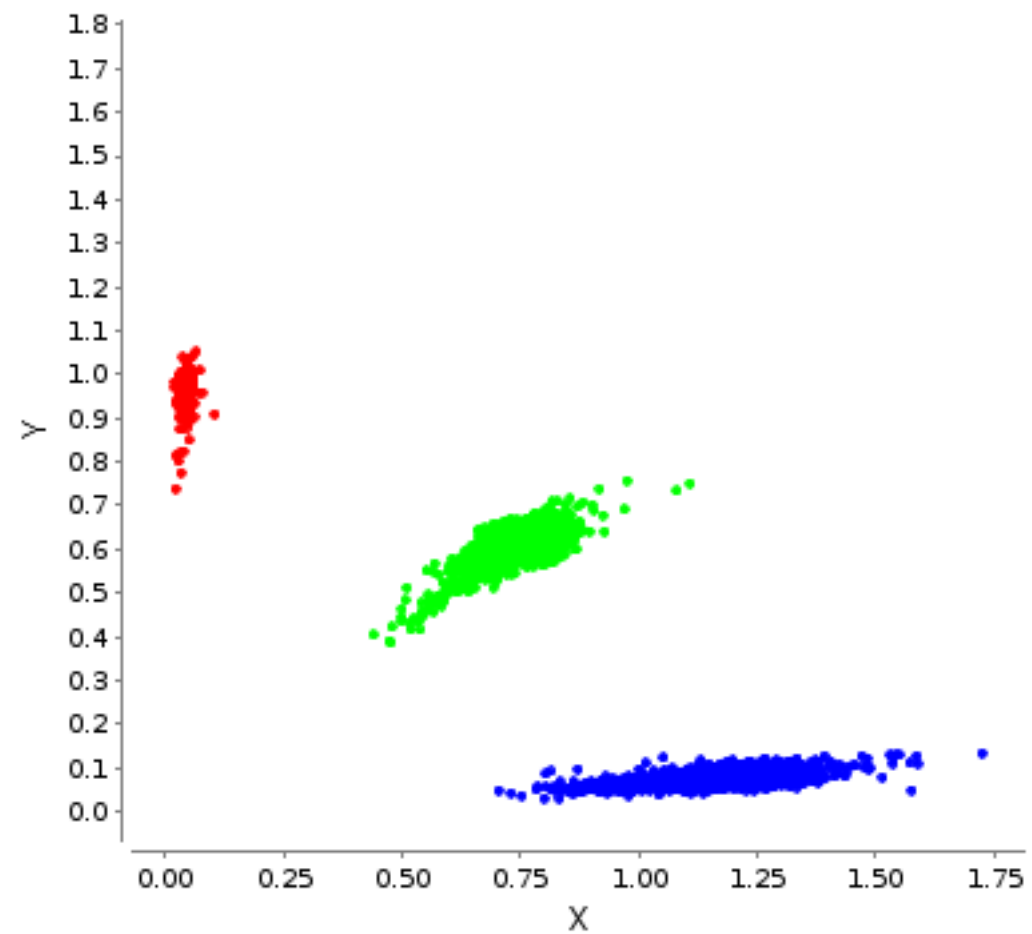
MAF: 0.15 GPC: 1.00 HWE pval: 0.858
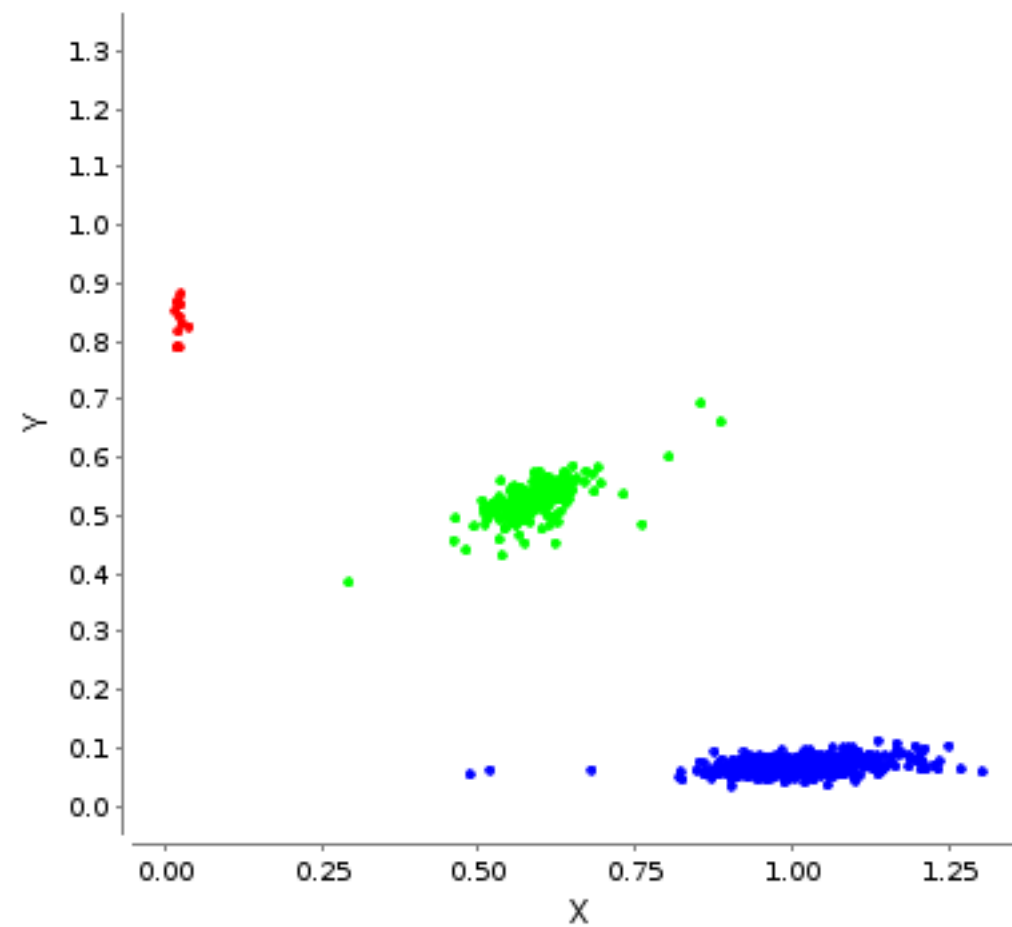
MAF: 0.11 GPC: 1.00 HWE pval: 0.829

exm109020

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
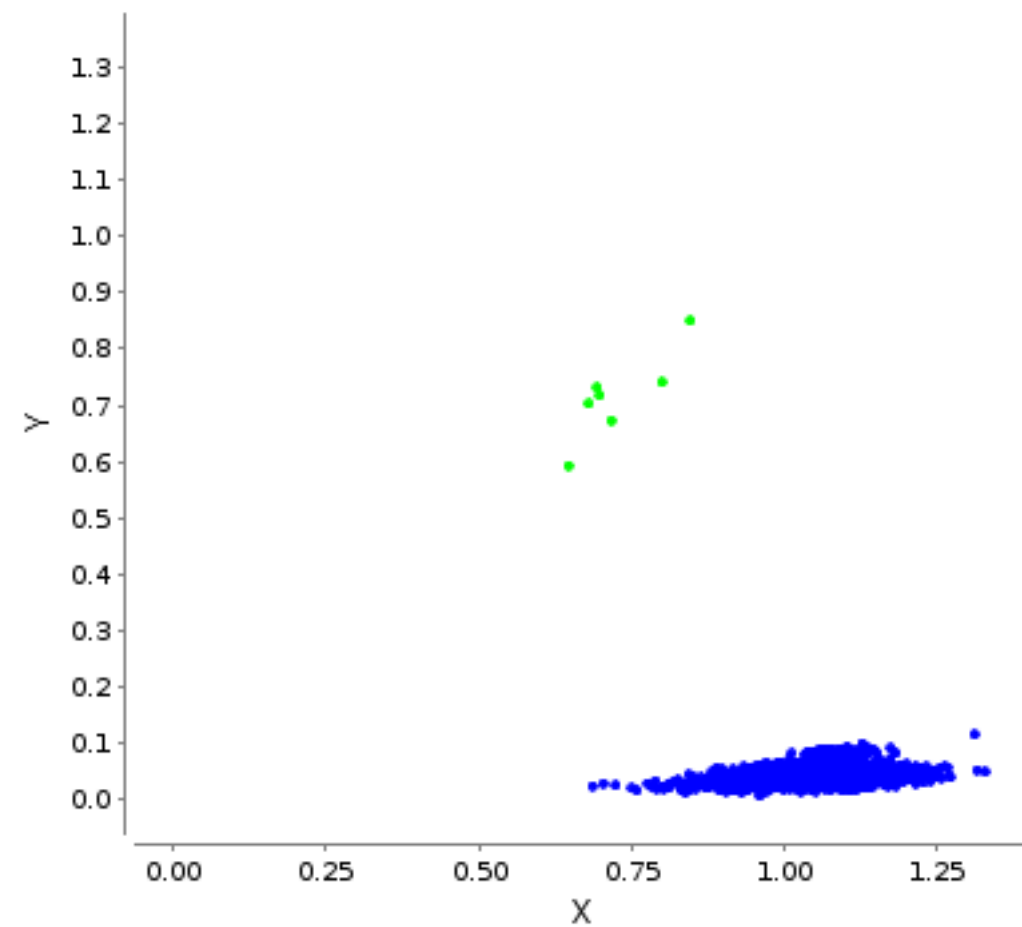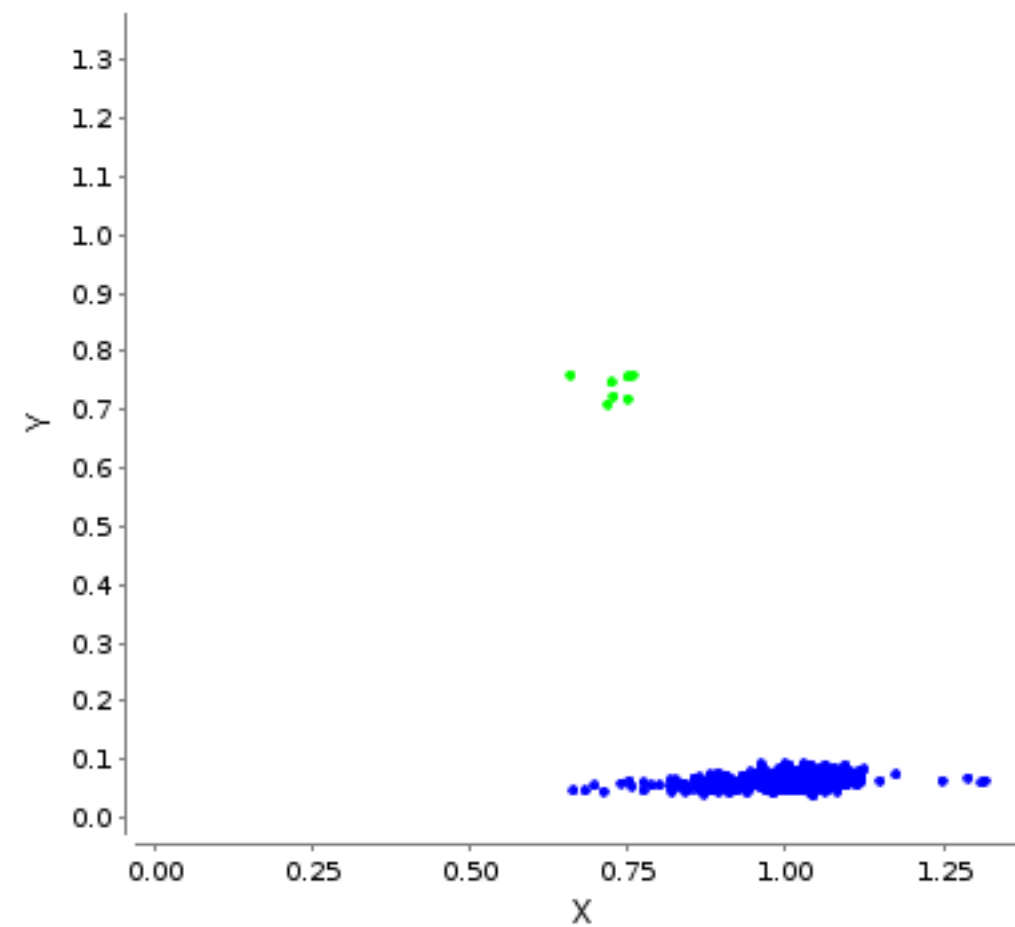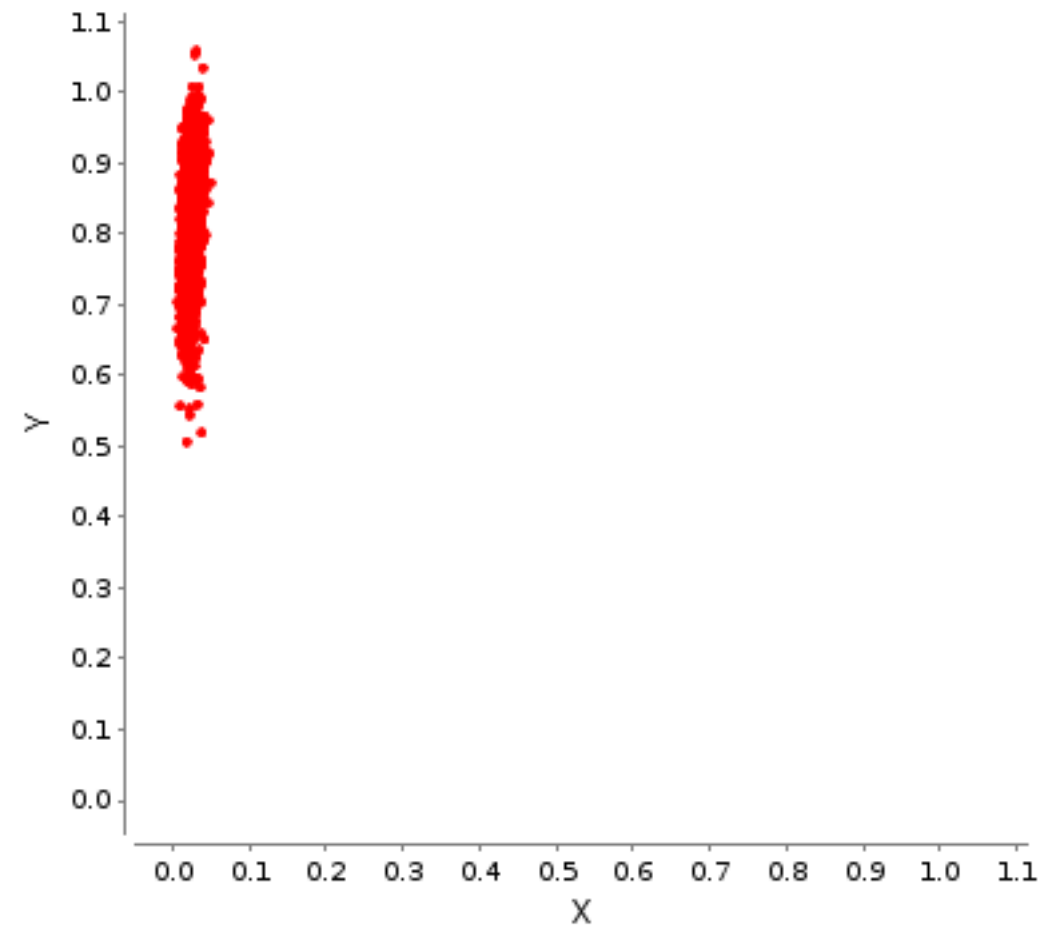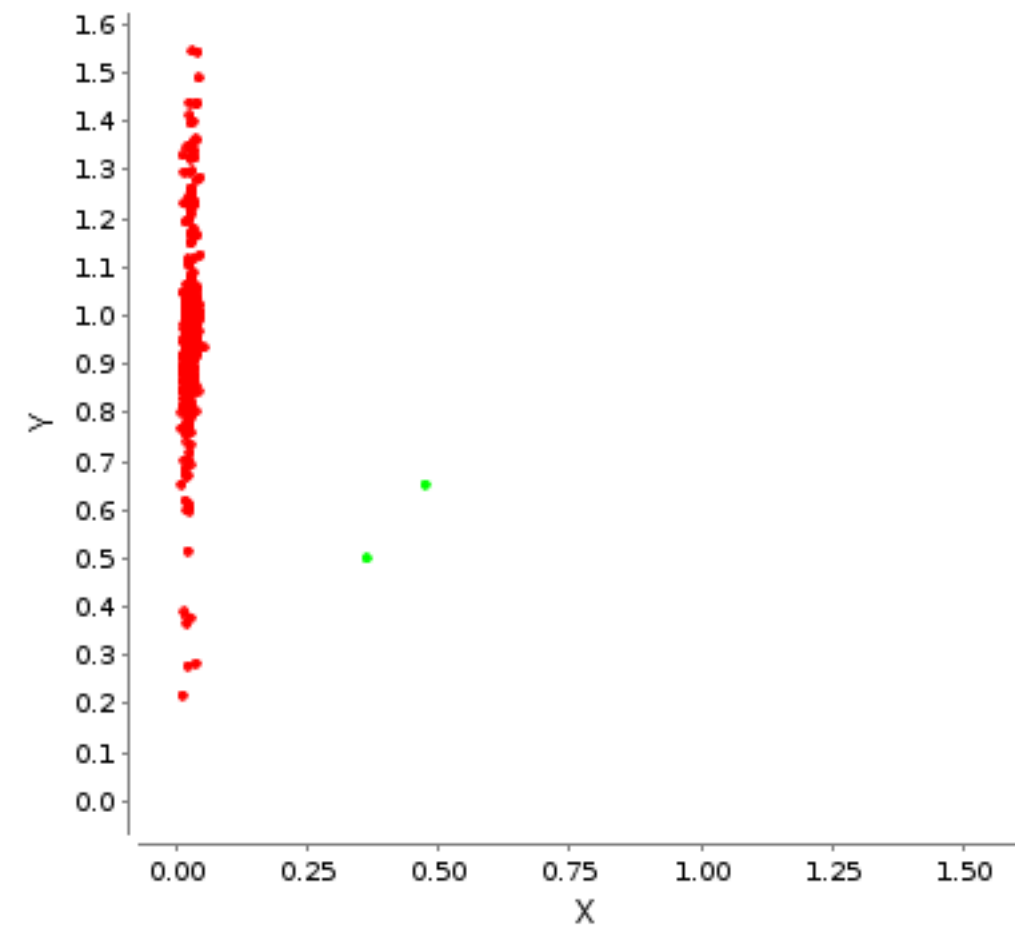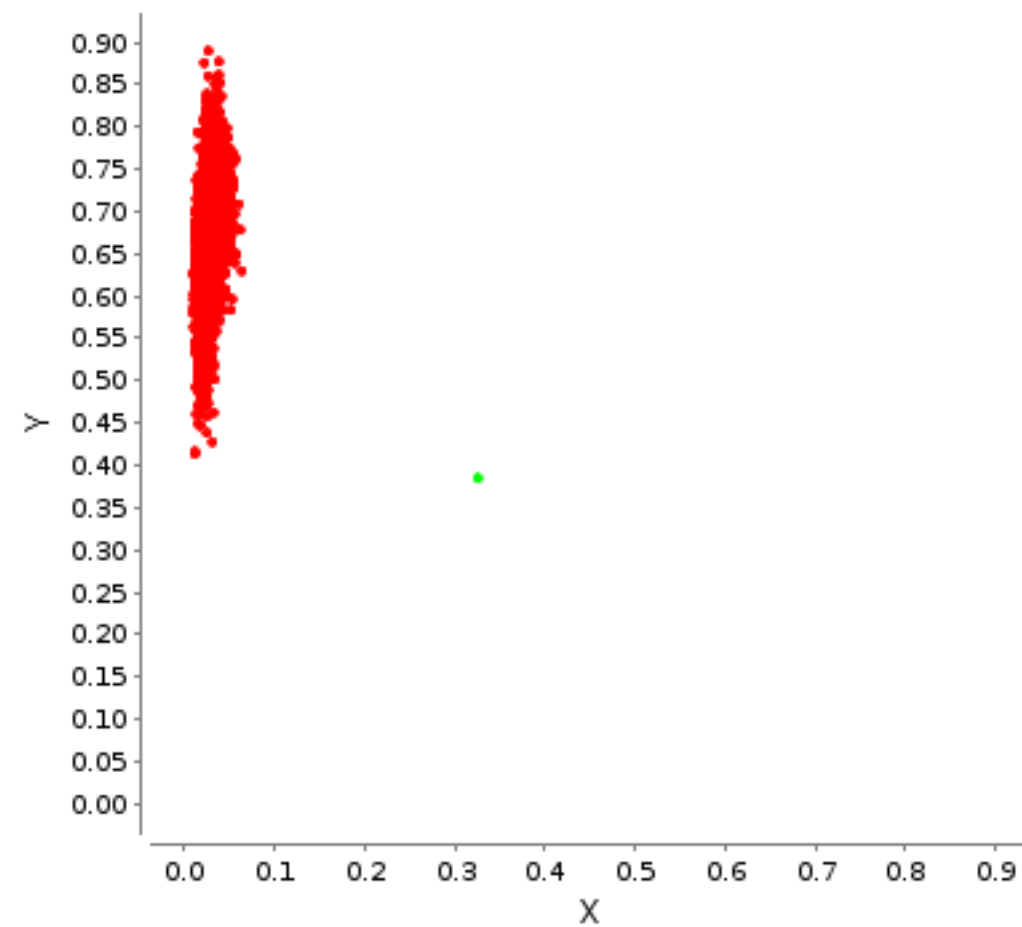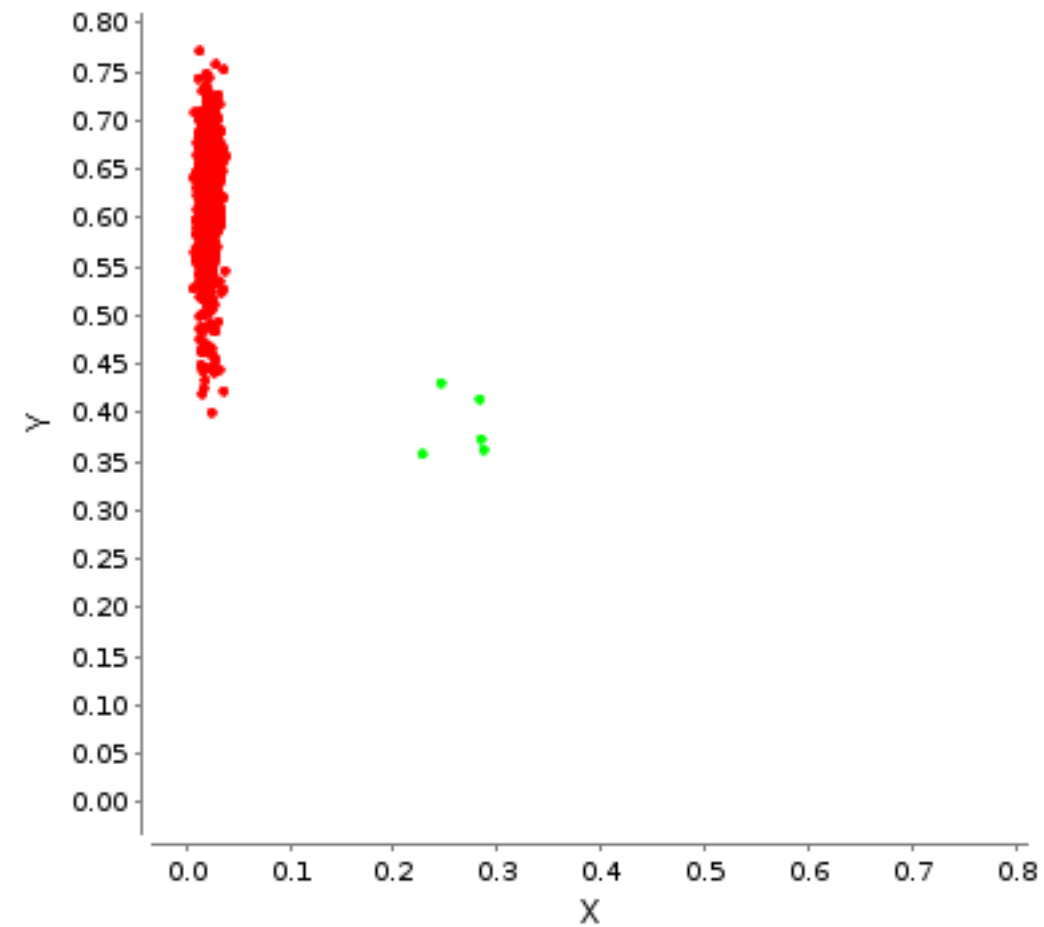
exm1476703

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1054319

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm94564

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
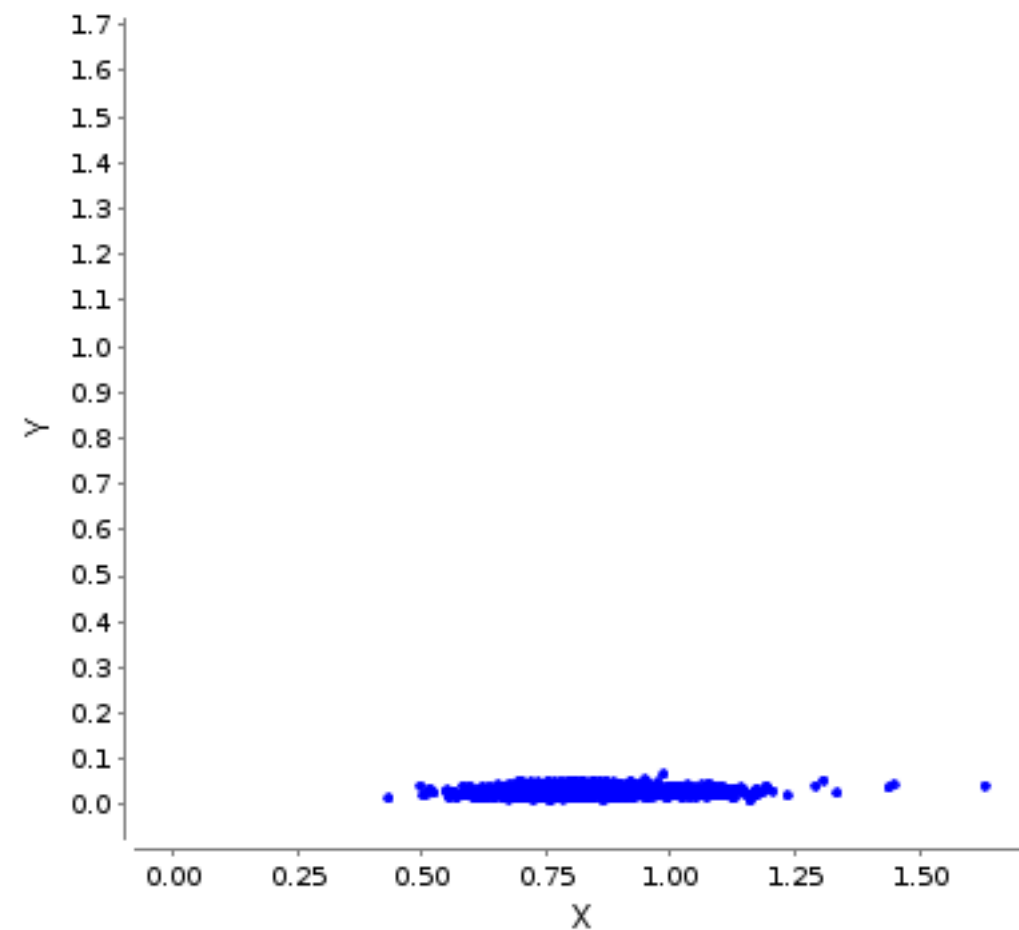(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000   MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm464176

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.01 GPC: 1.00 HWE pval: 1.000
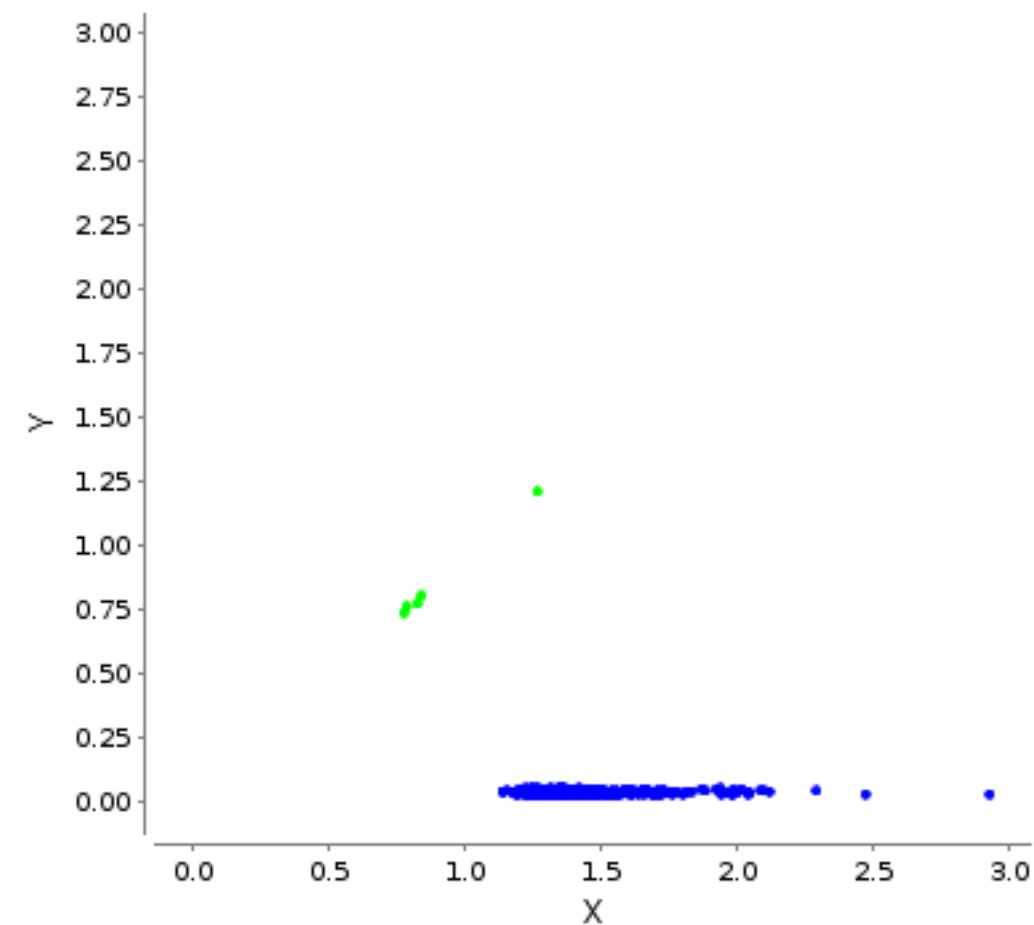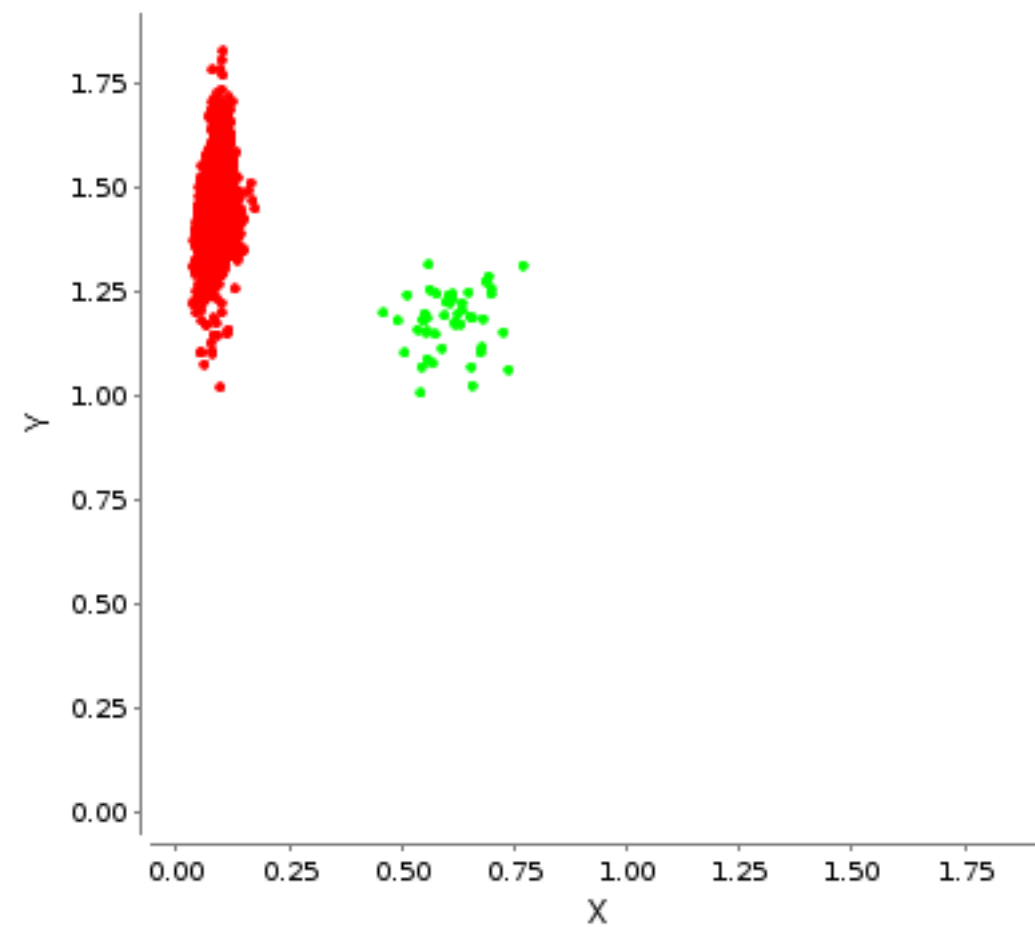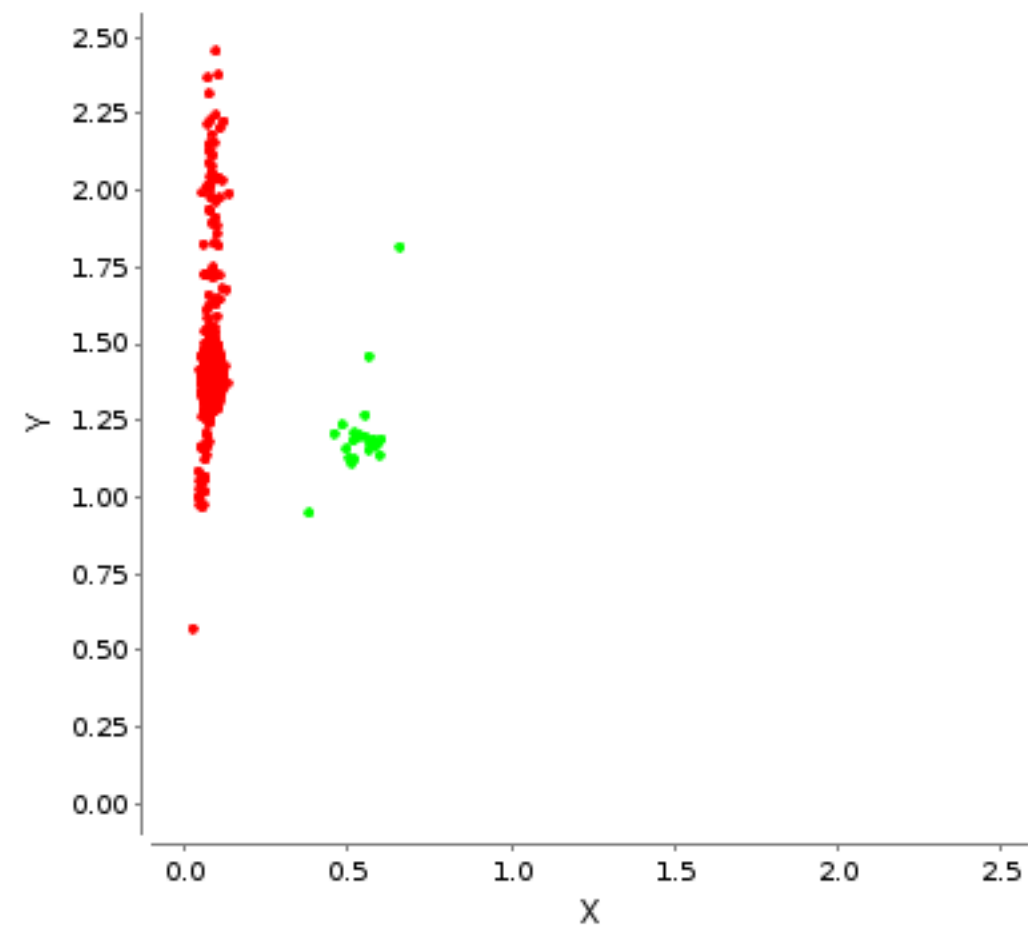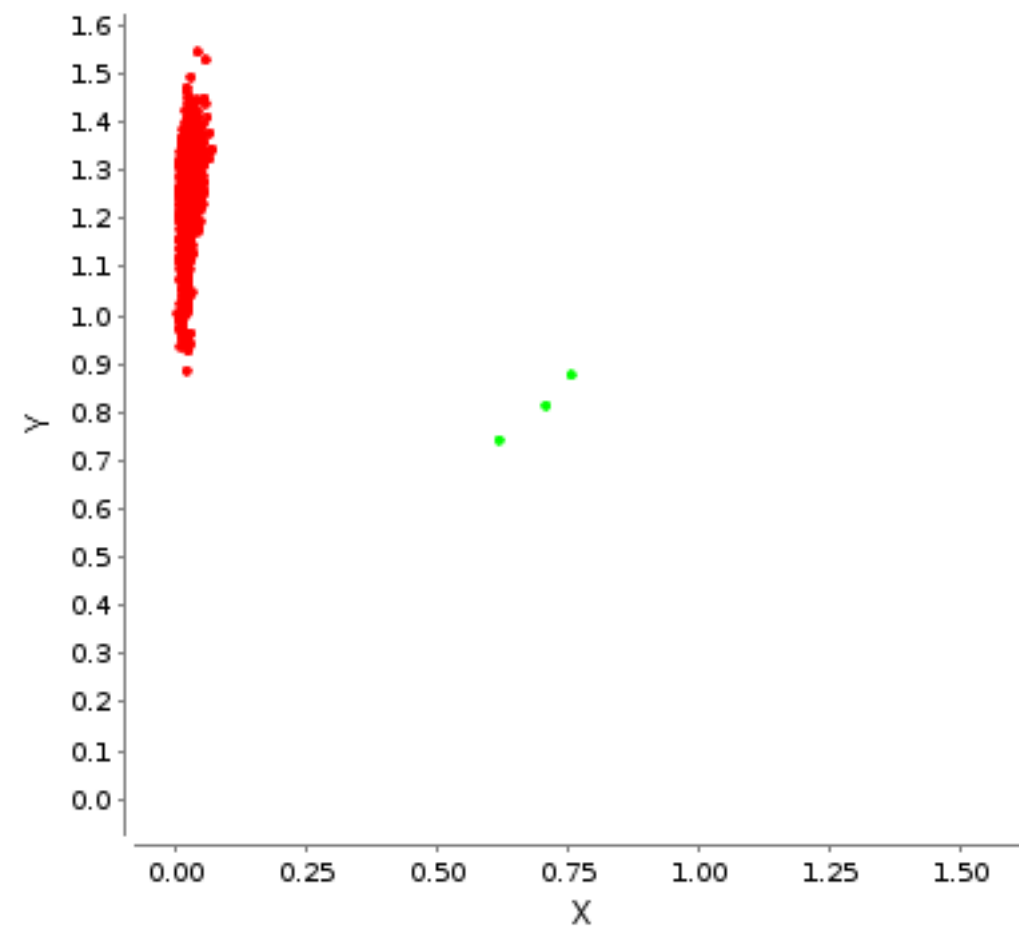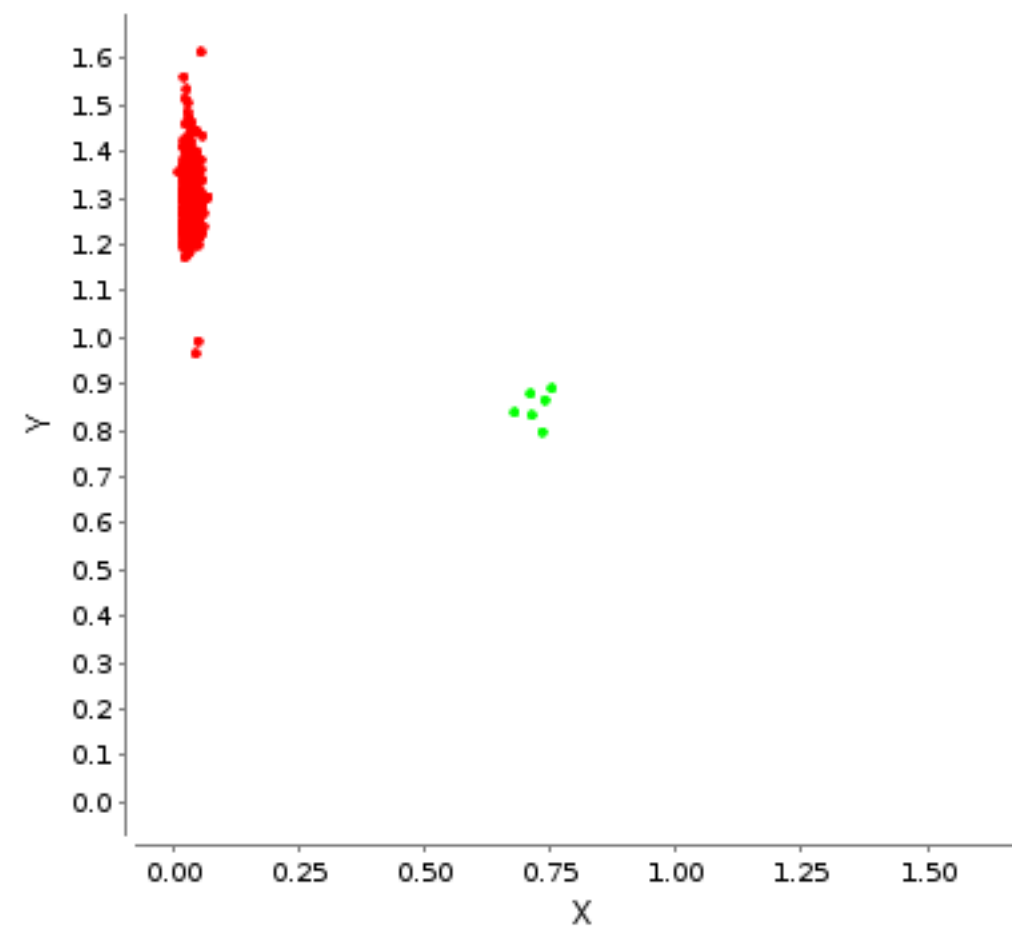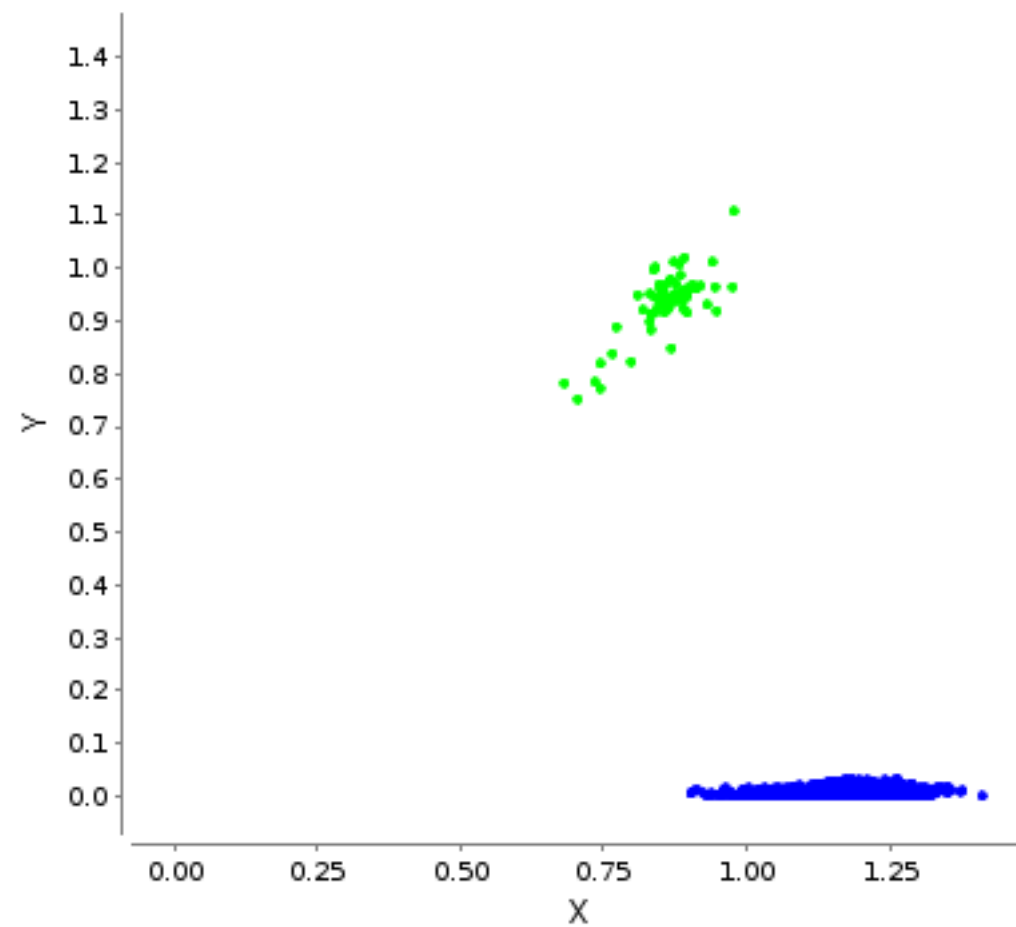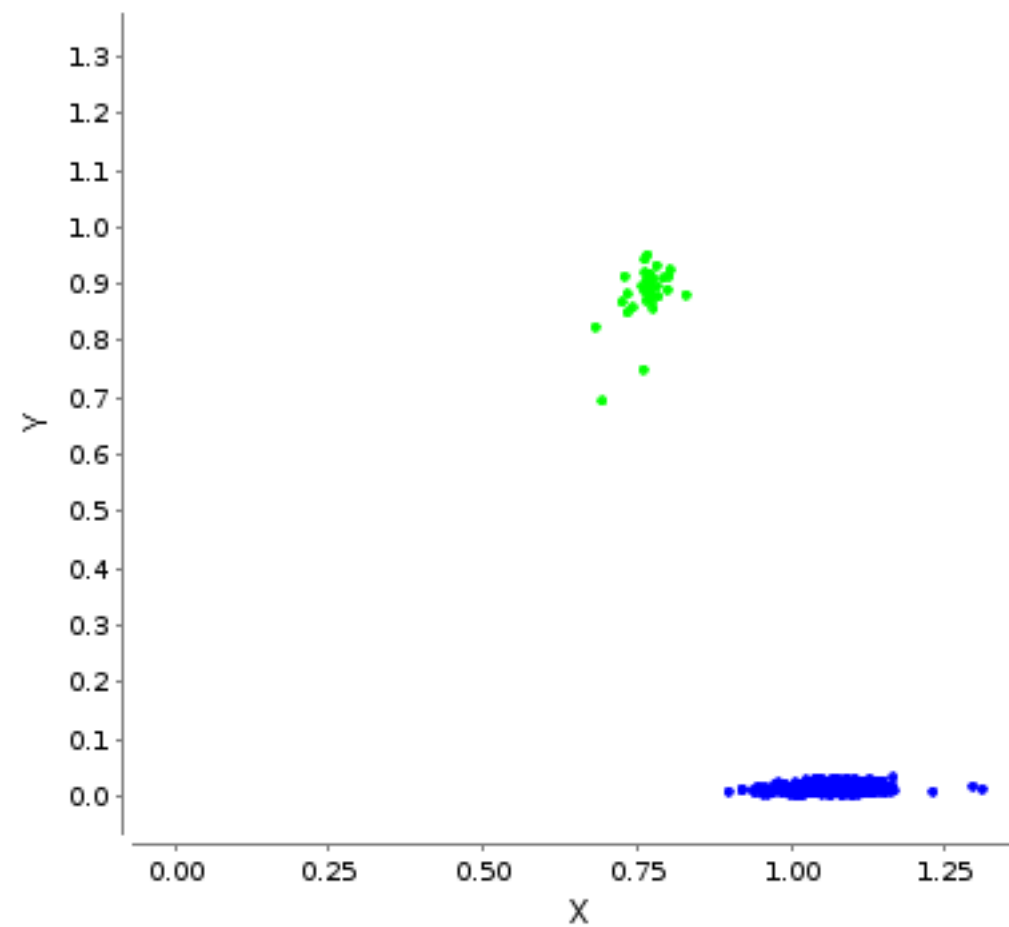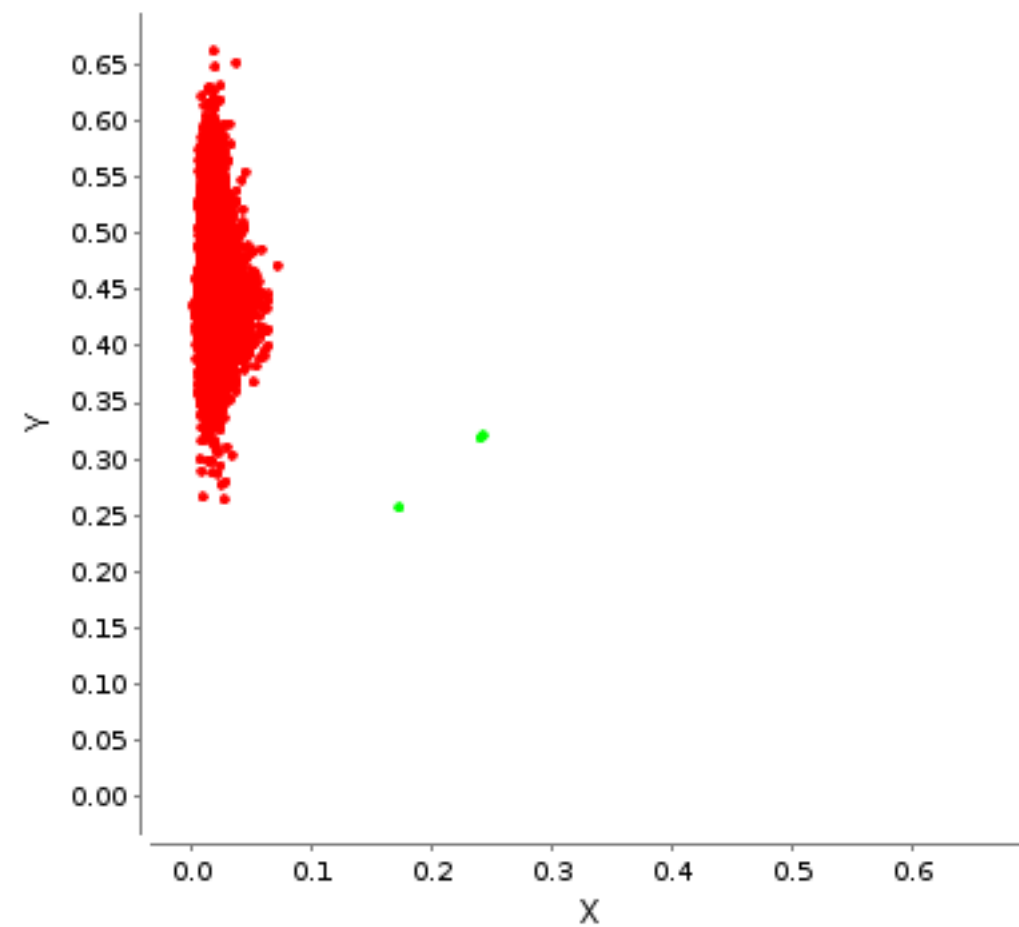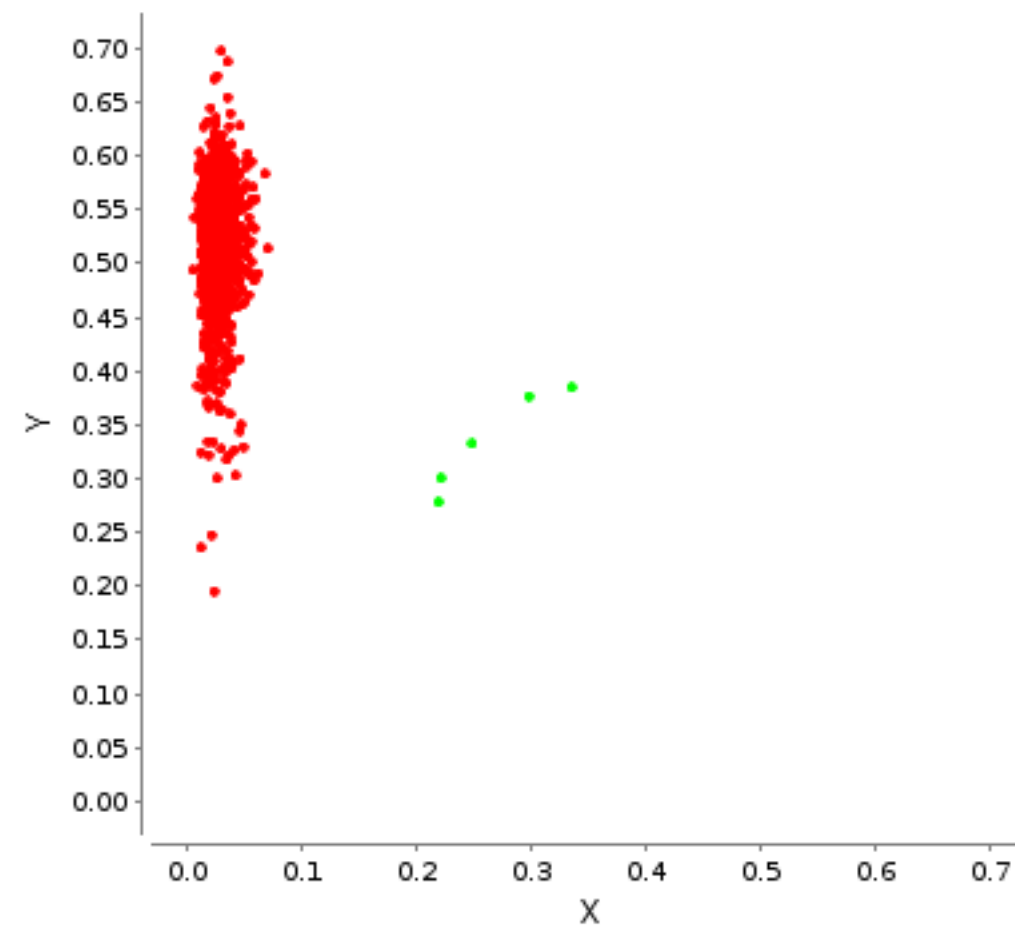
exm599270

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1456602

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.01 GPC: 1.00 HWE pval: 1.000

MAF: 0.01 GPC: 1.00 HWE pval: 1.000

exm429195

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm978348

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
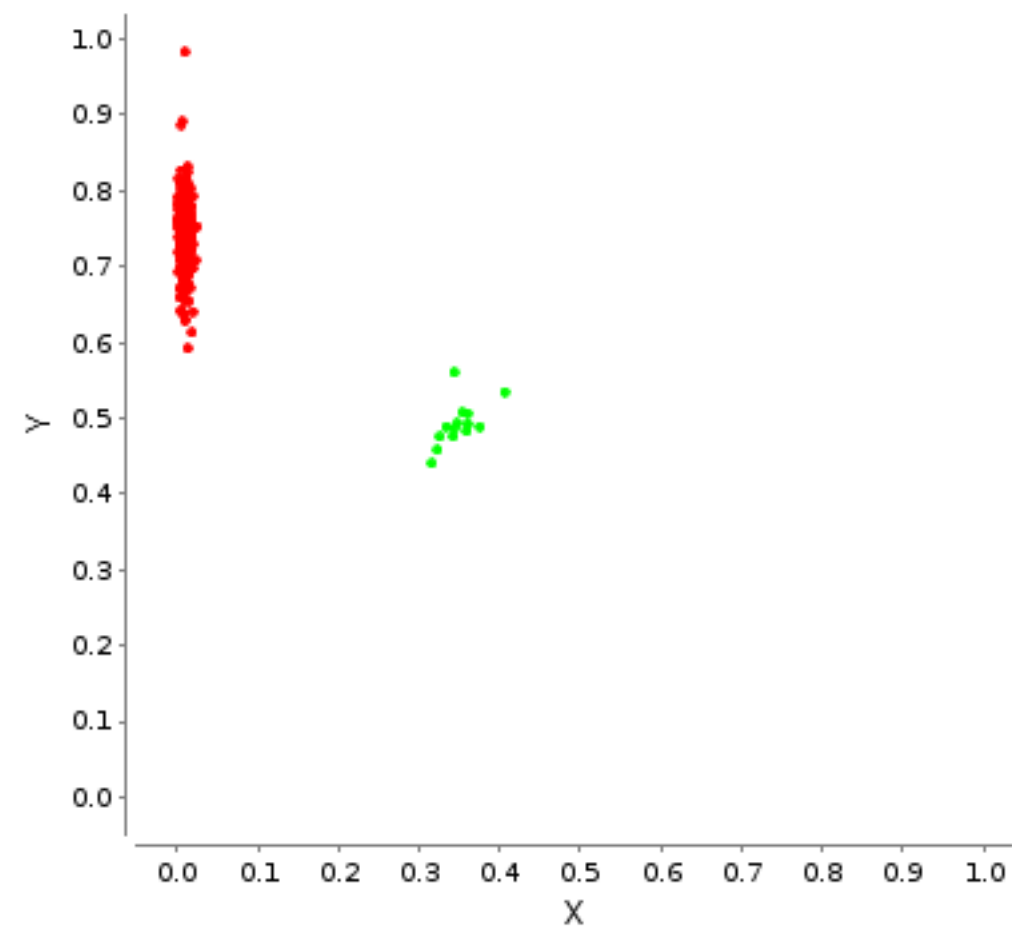
MAF: 0.01 GPC: 1.00 HWE pval: 1.000

exm753736

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1554298

ClusterPlots_controls
(n=6755)

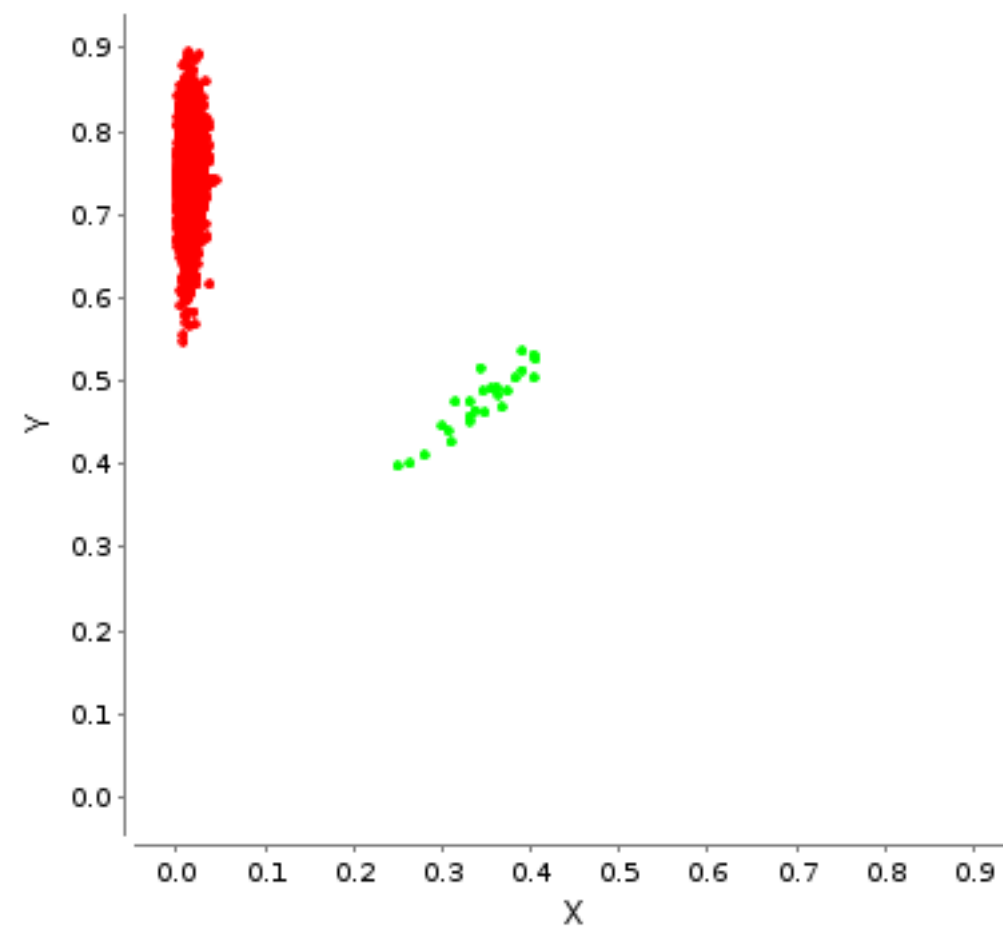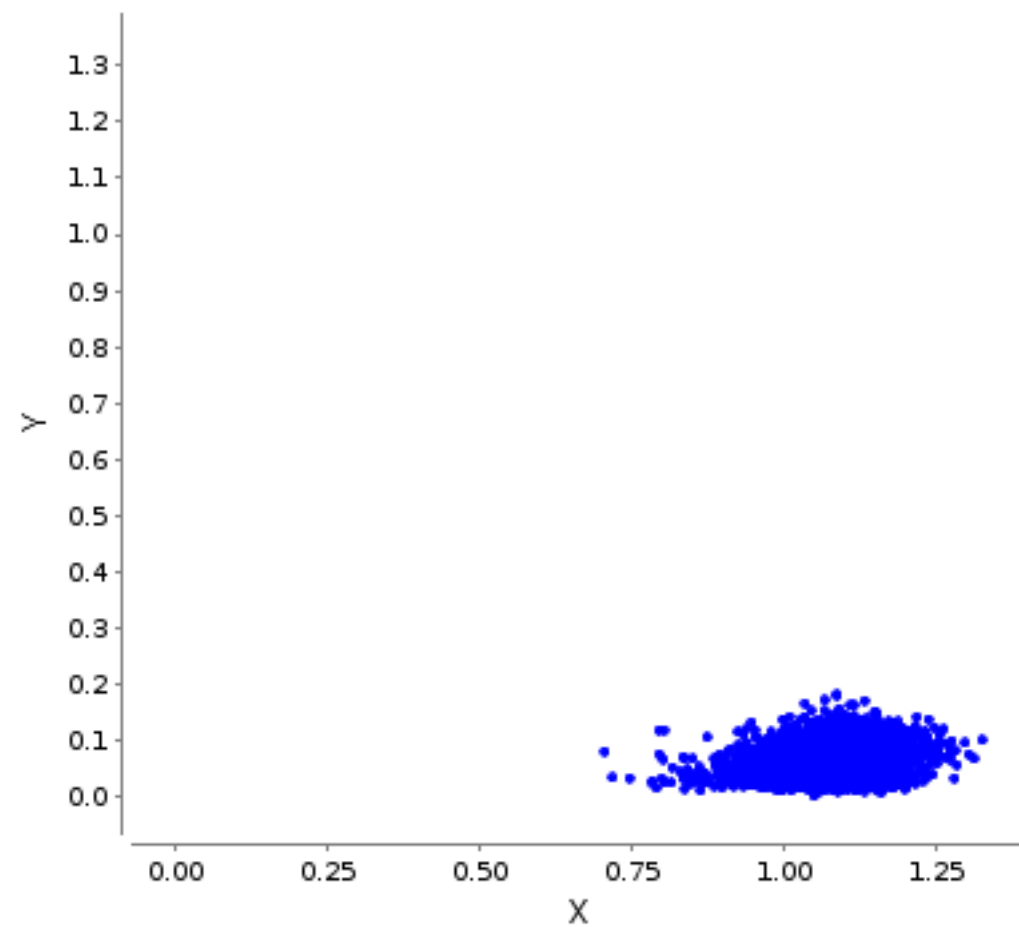MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
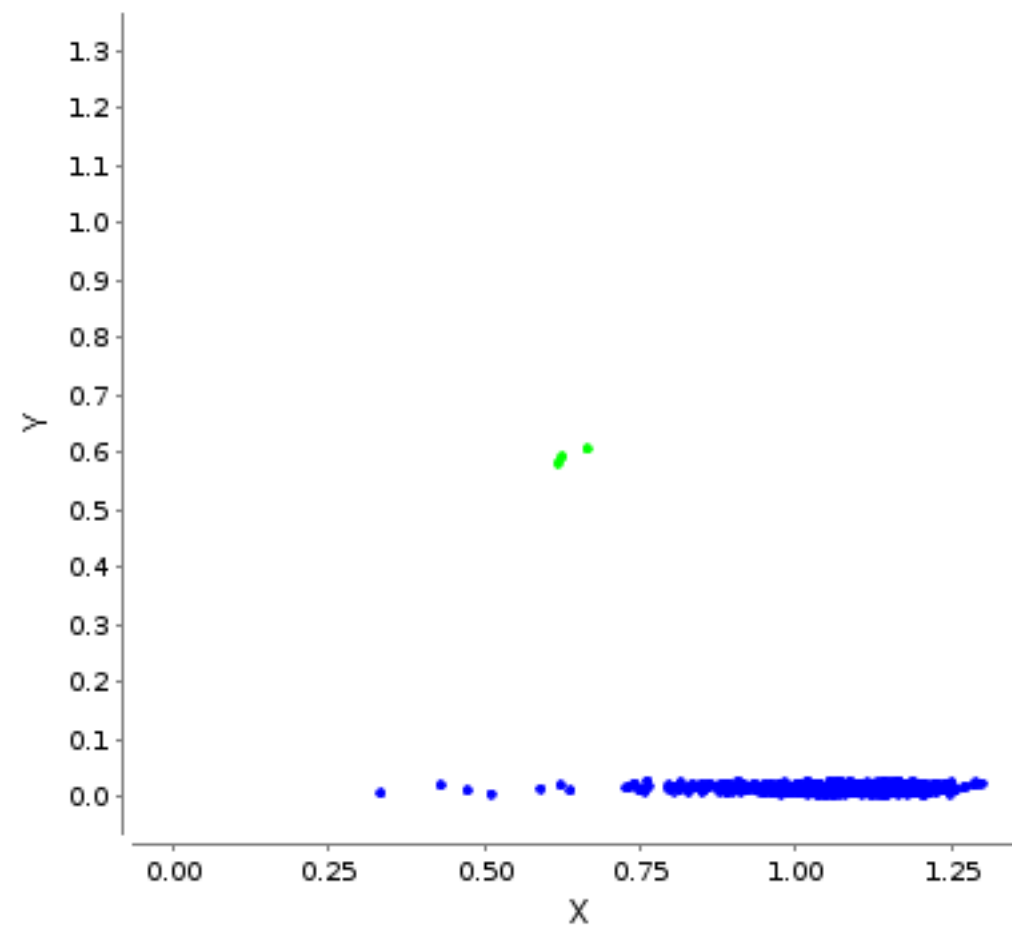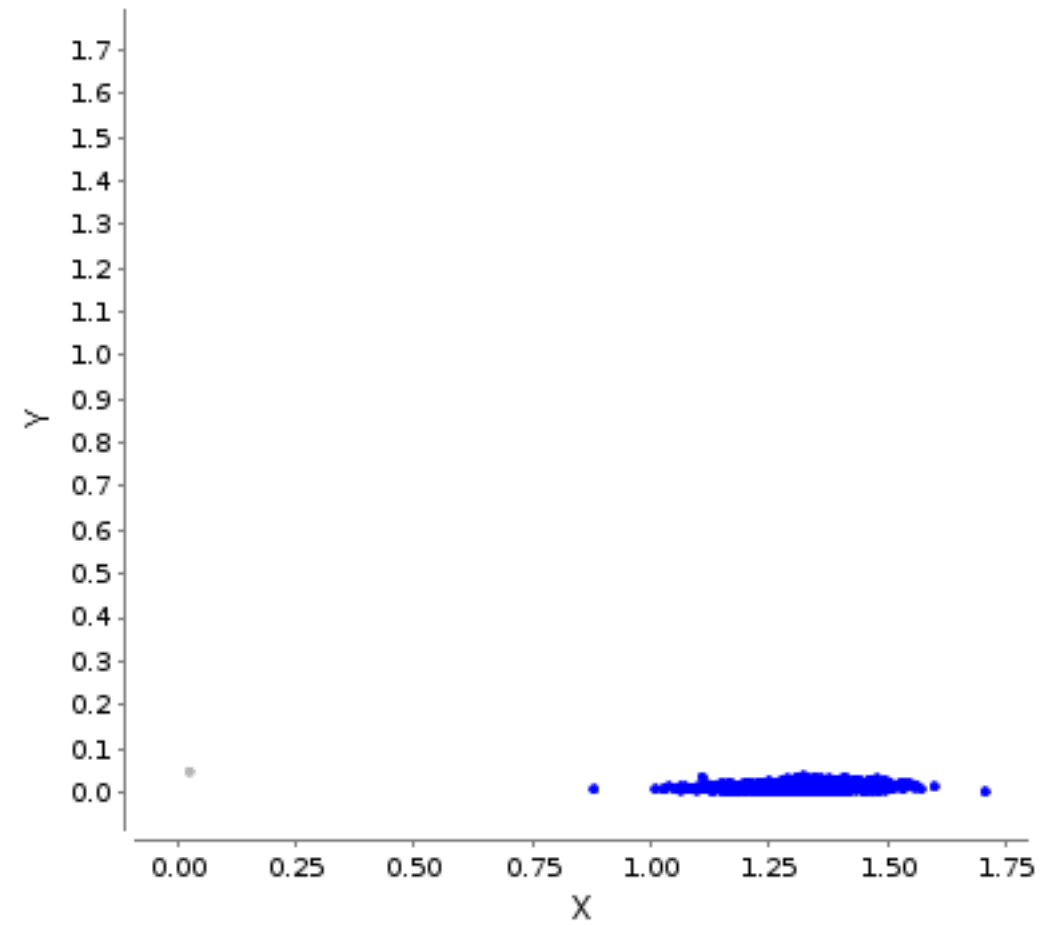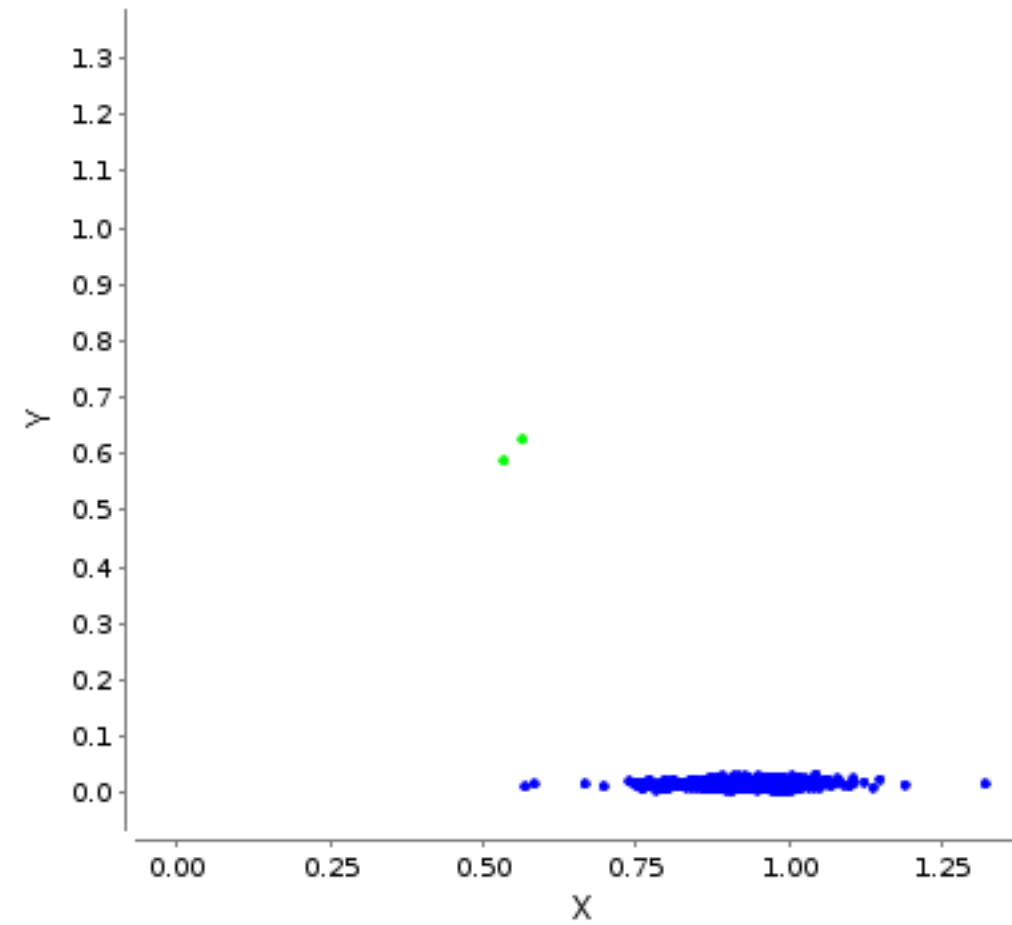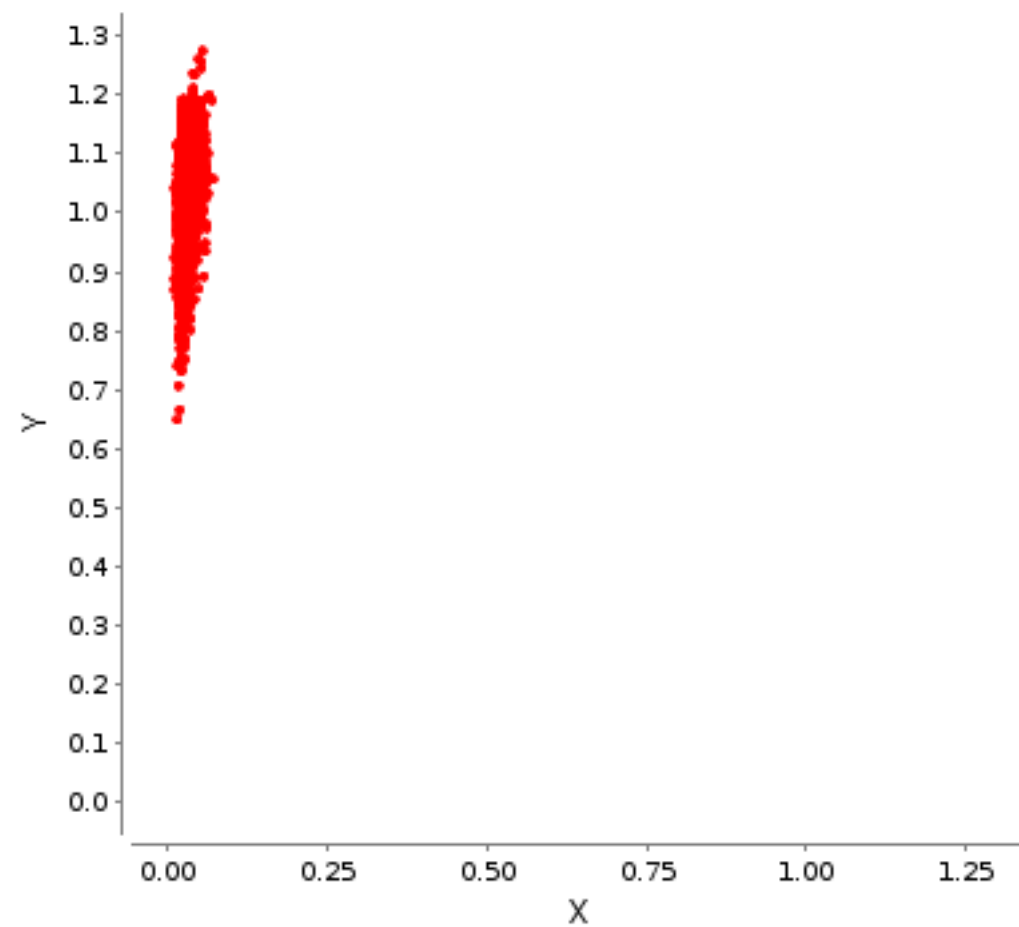
exm441347
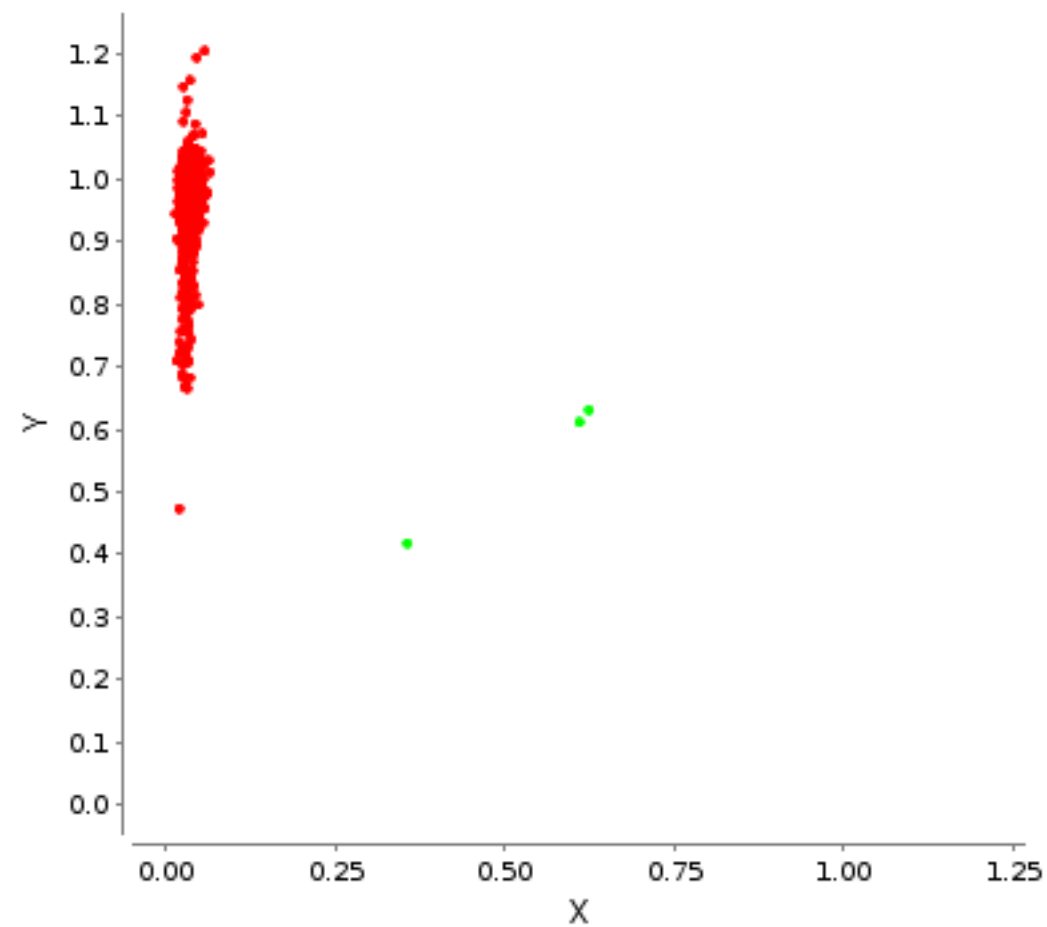

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm456082

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
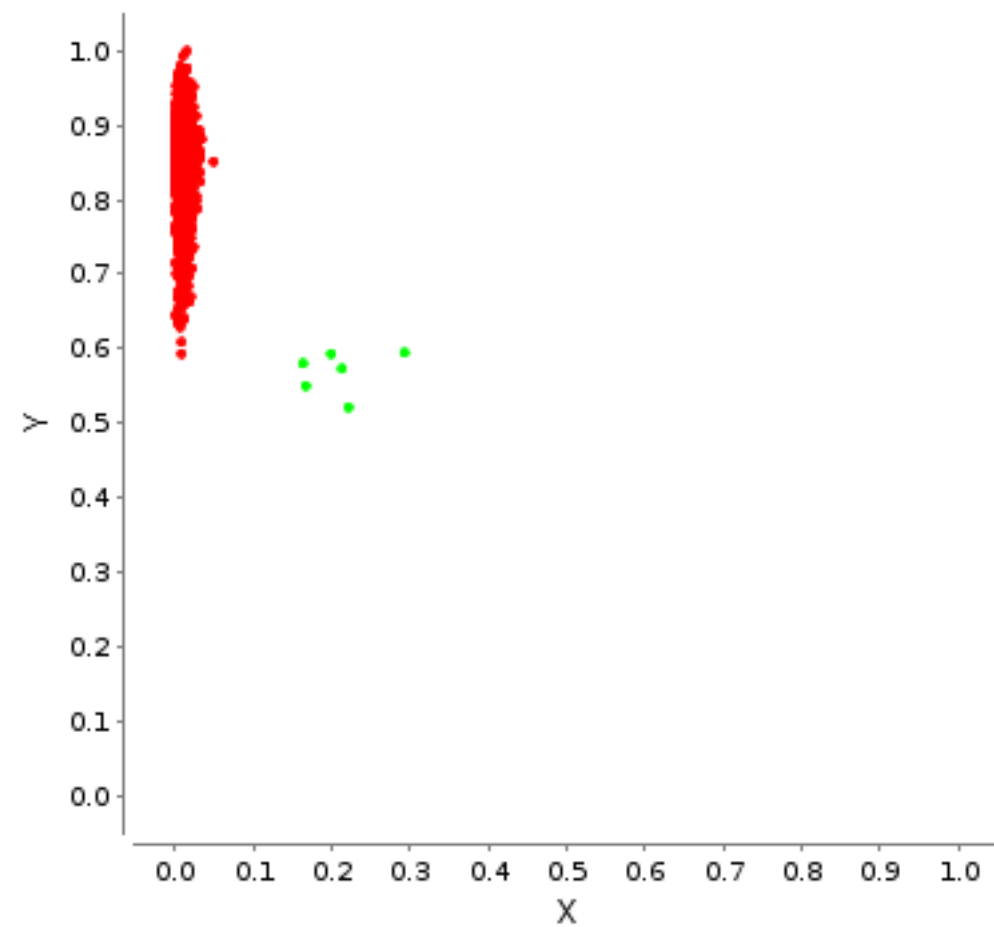(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000   MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm833501

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
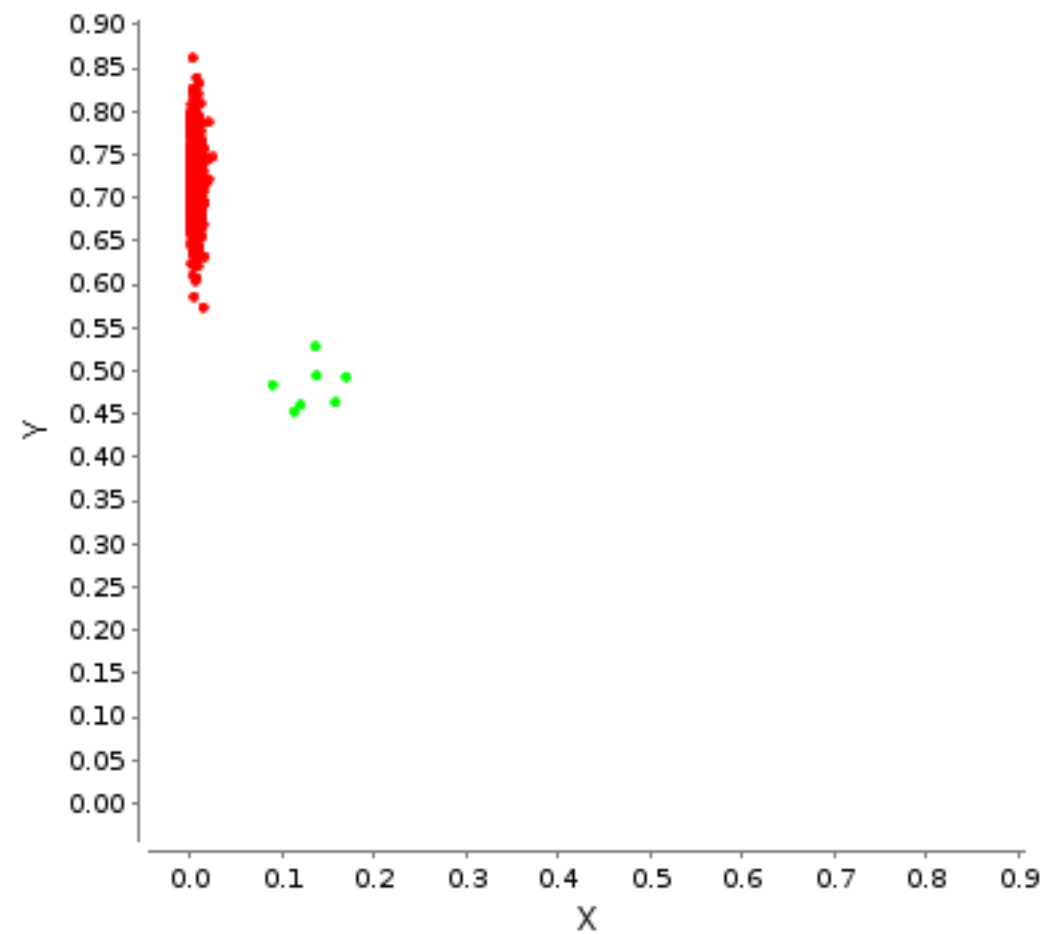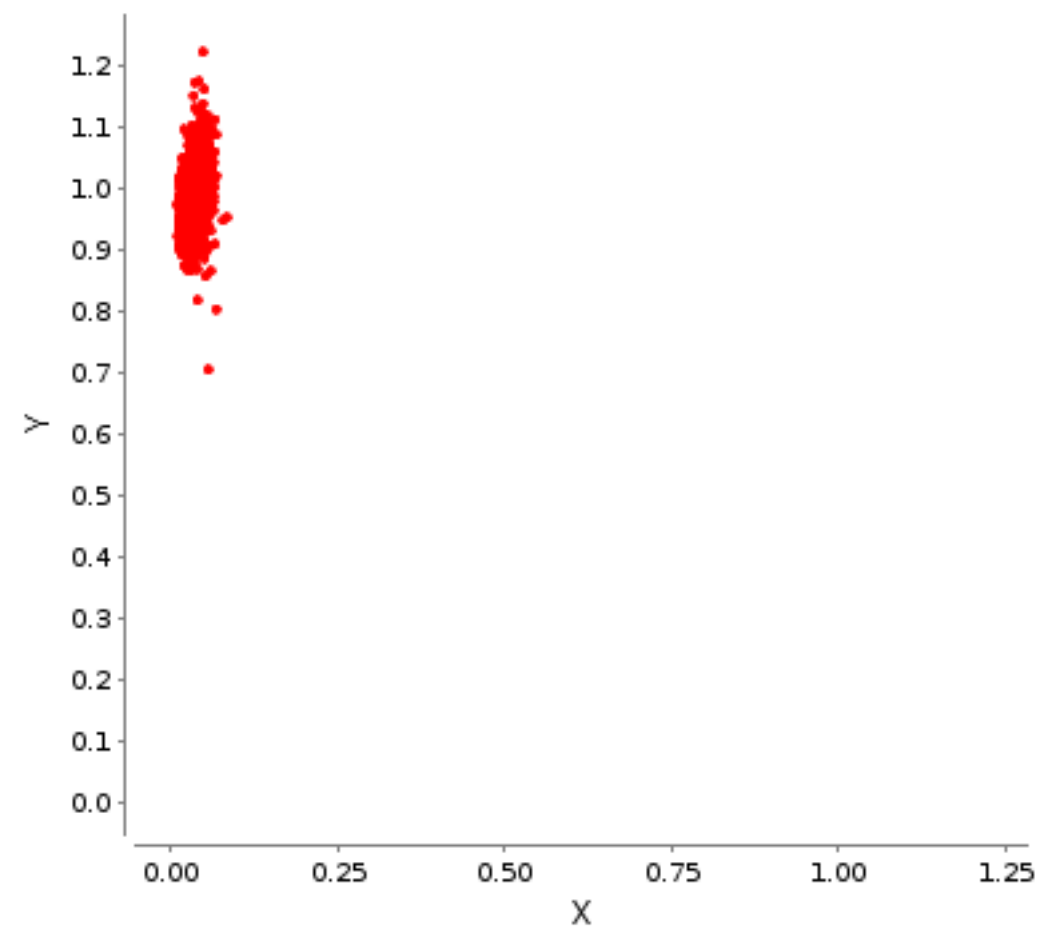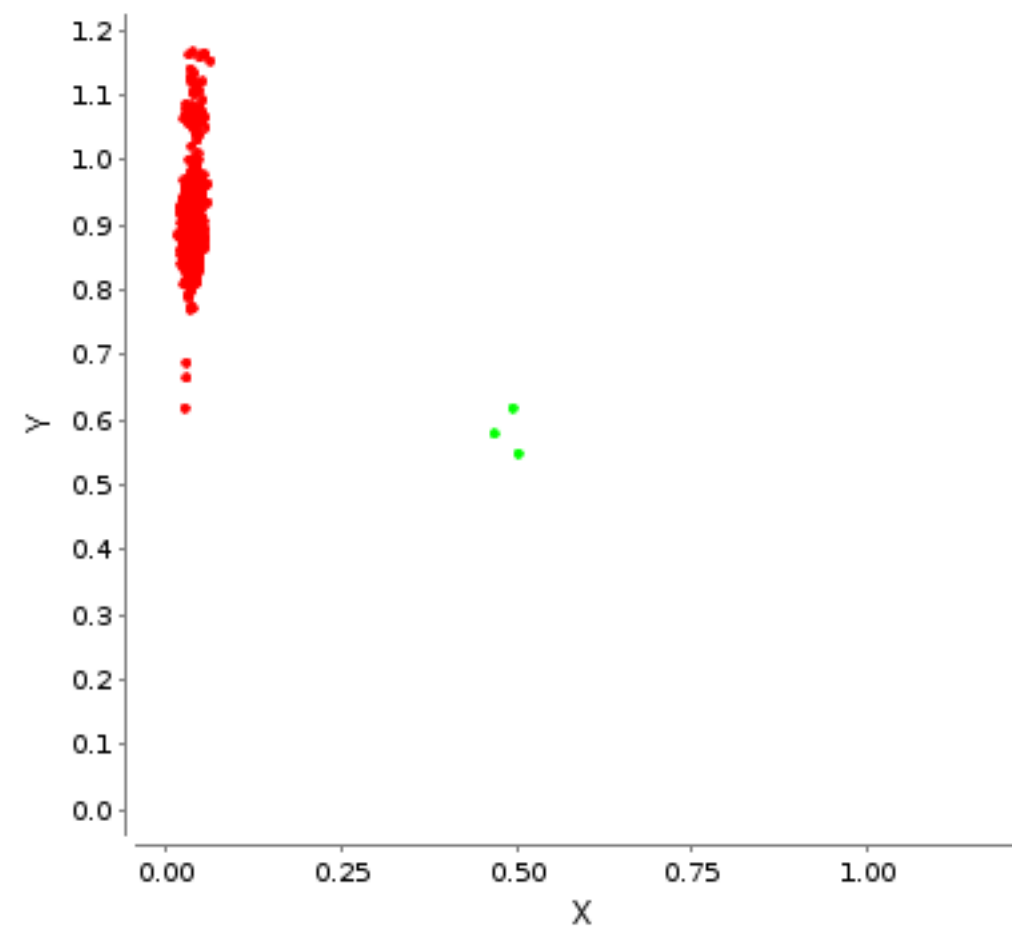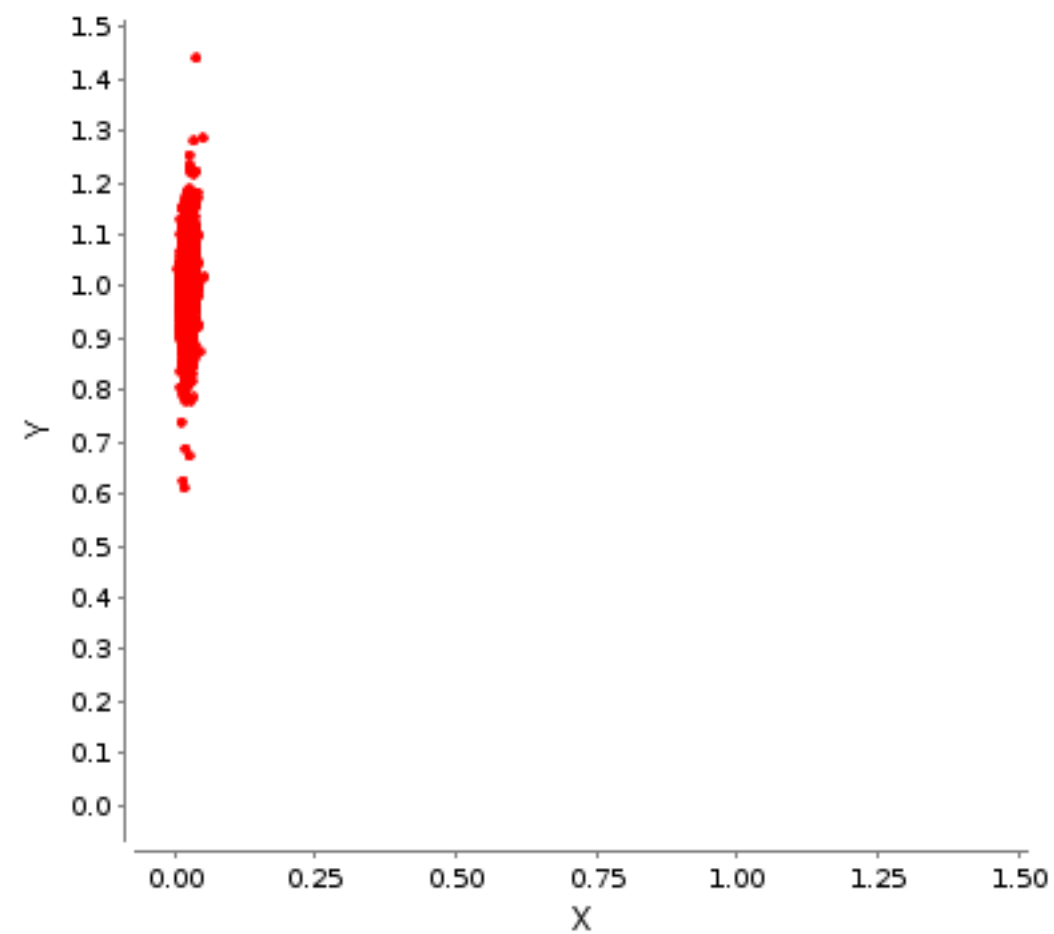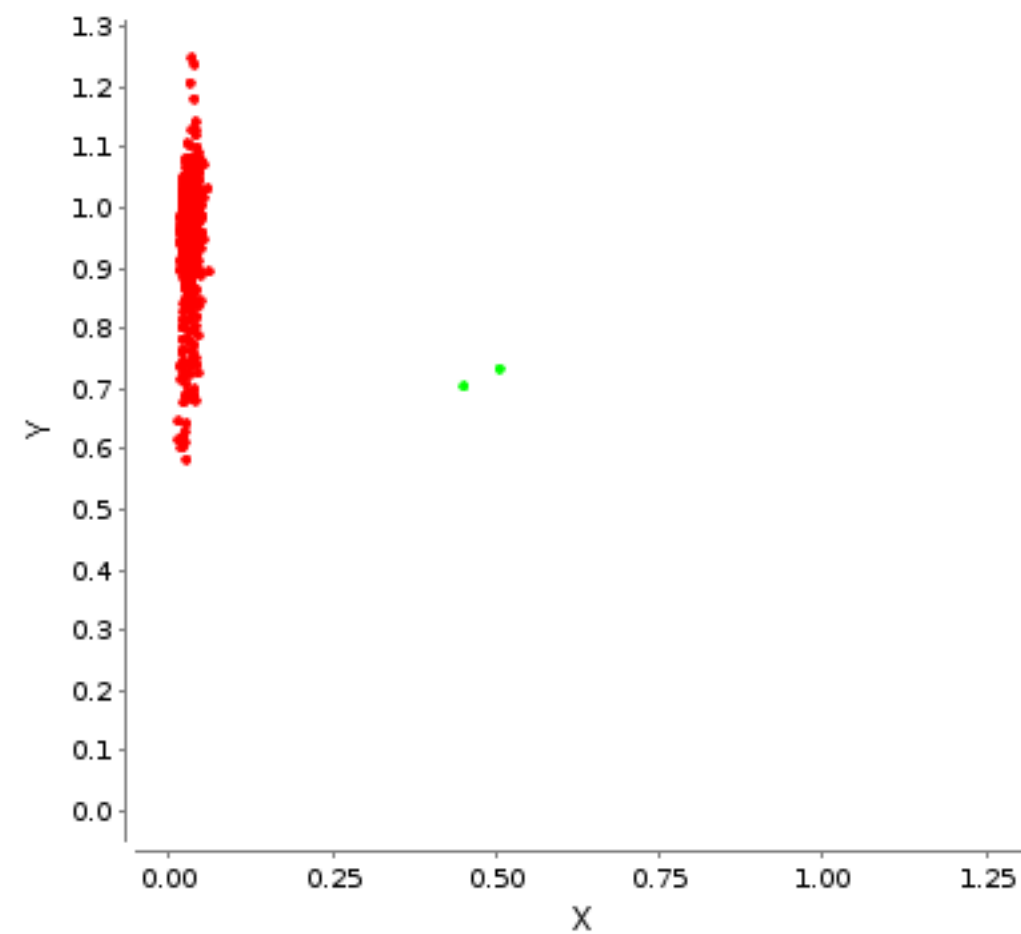
exm879524

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1070359

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
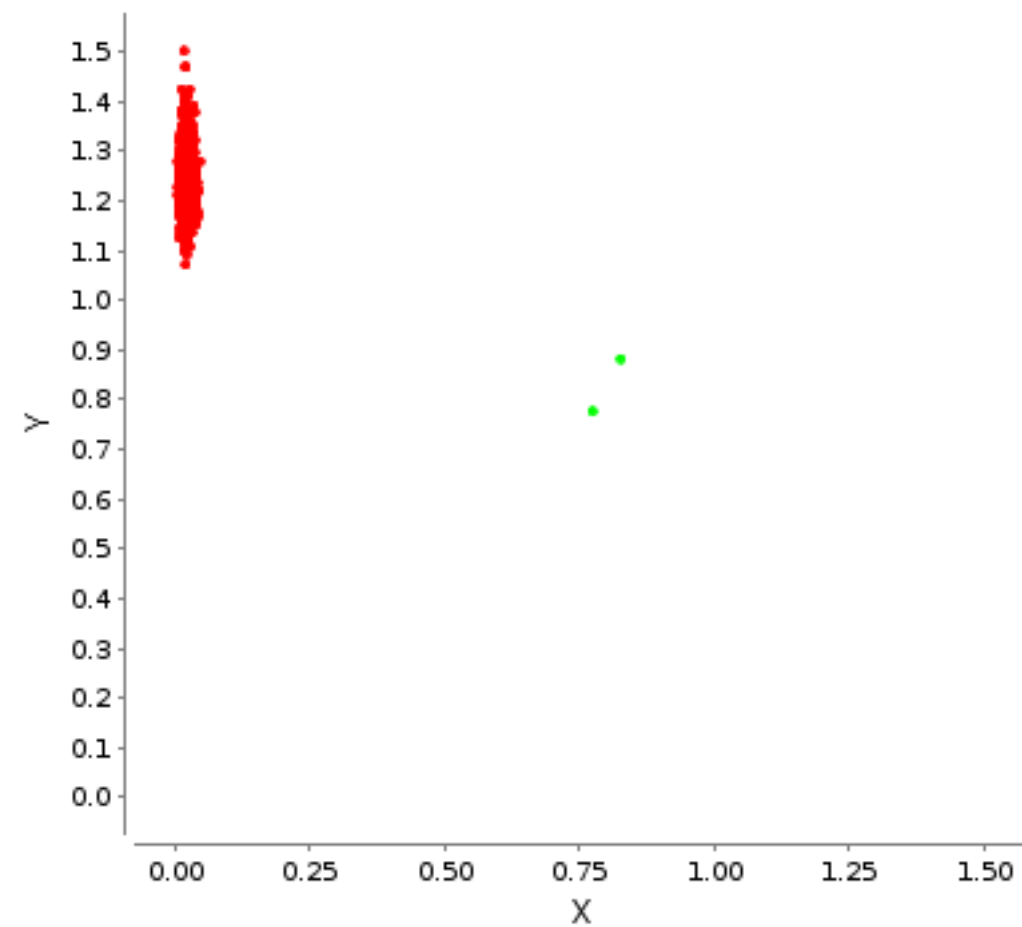(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1206881
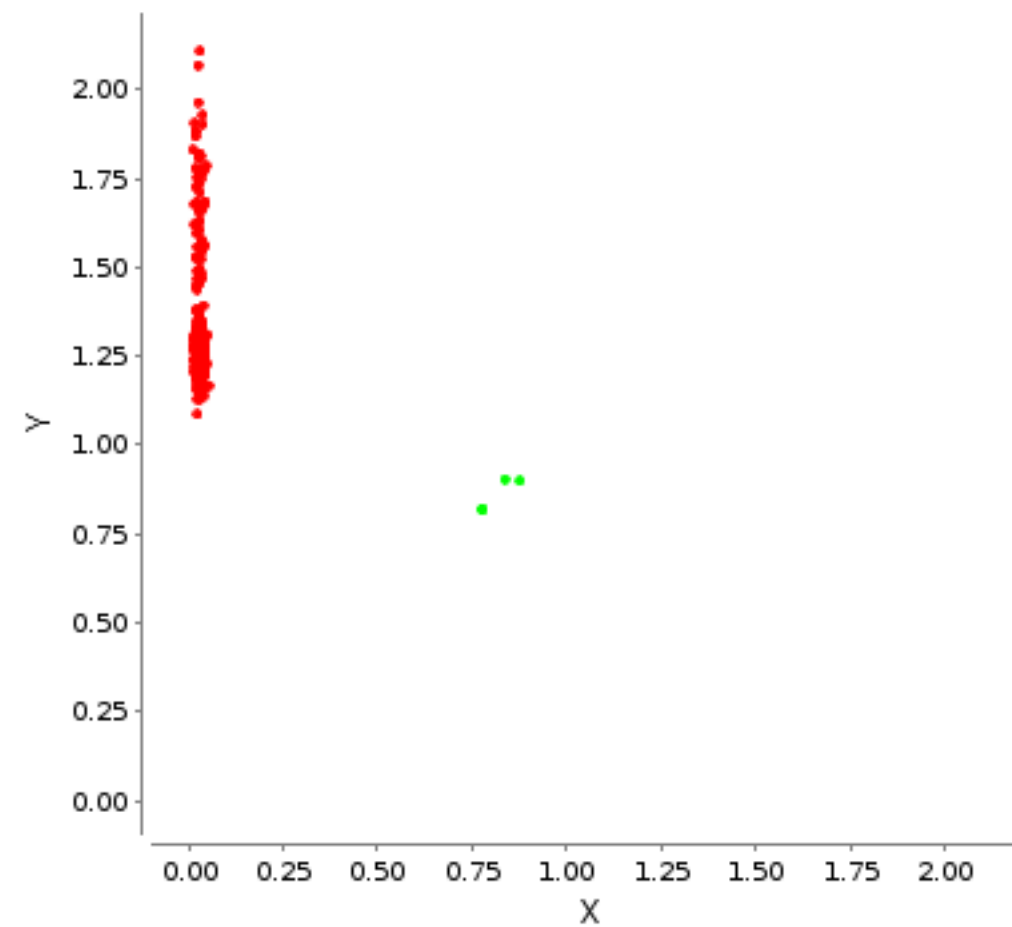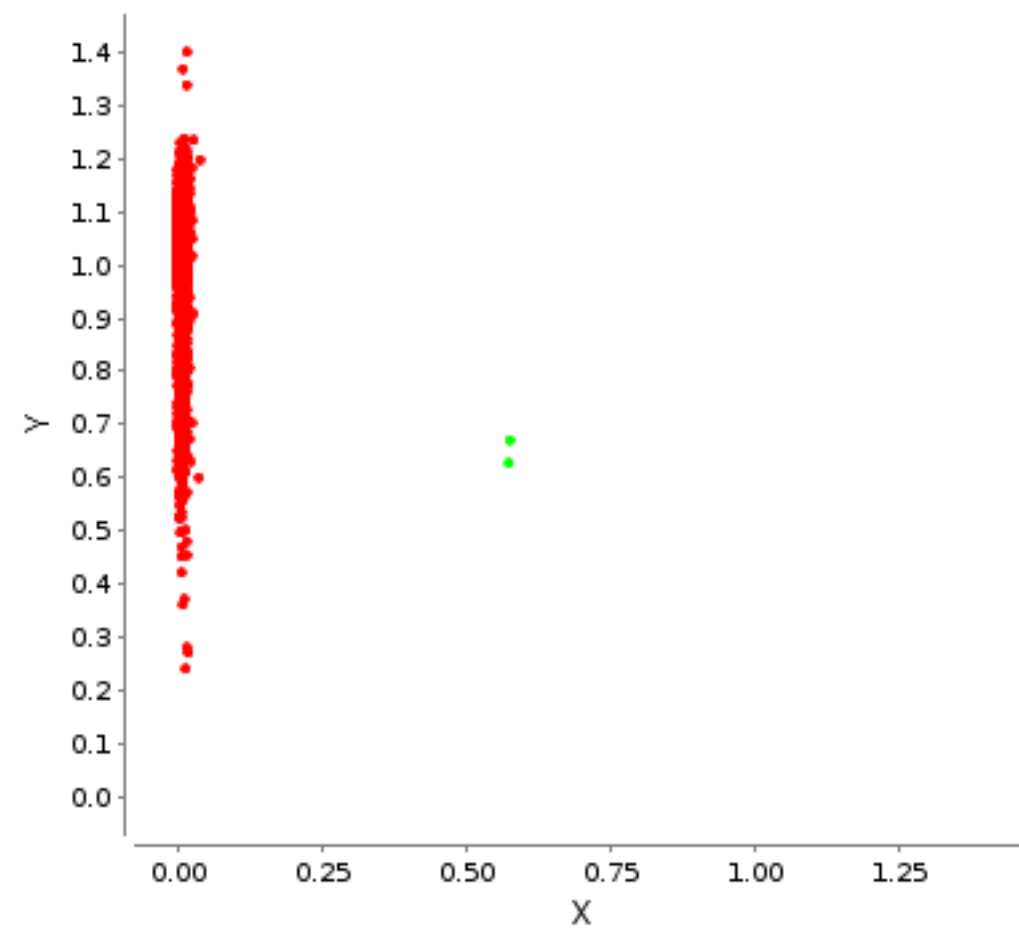

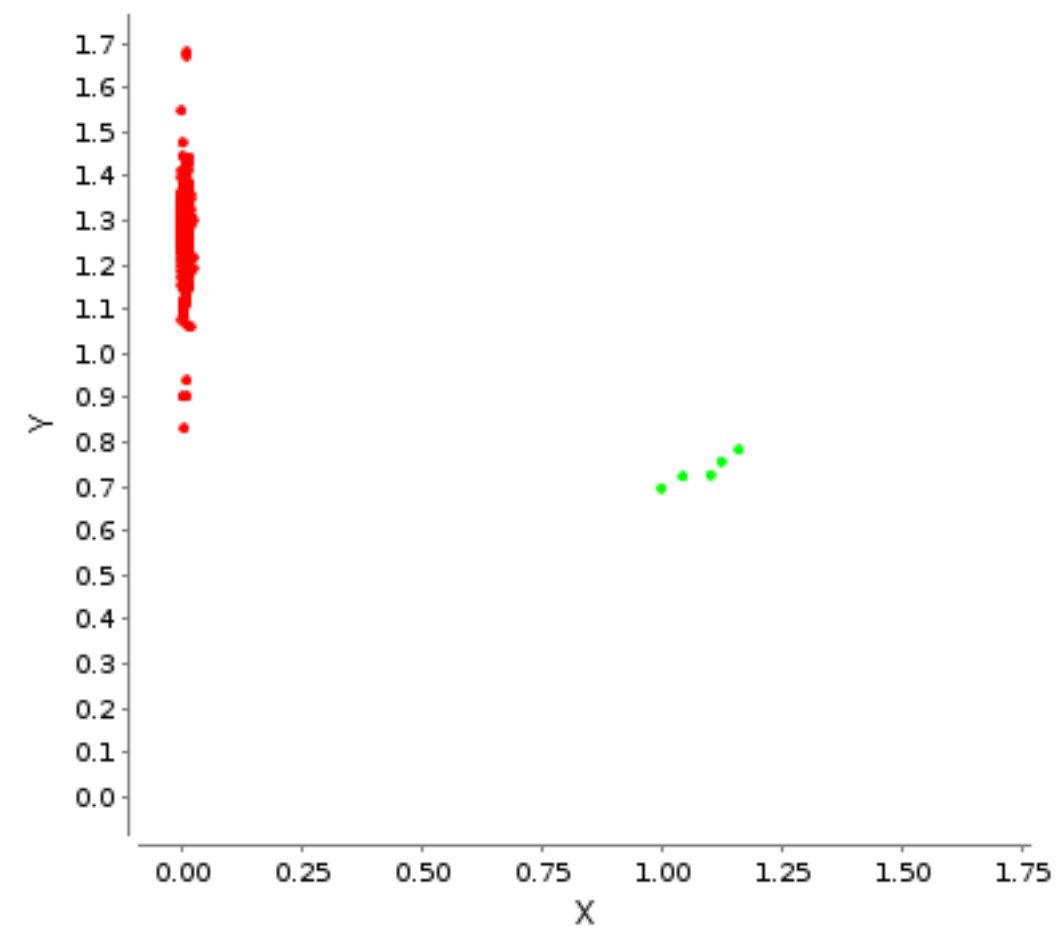## ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm910875

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
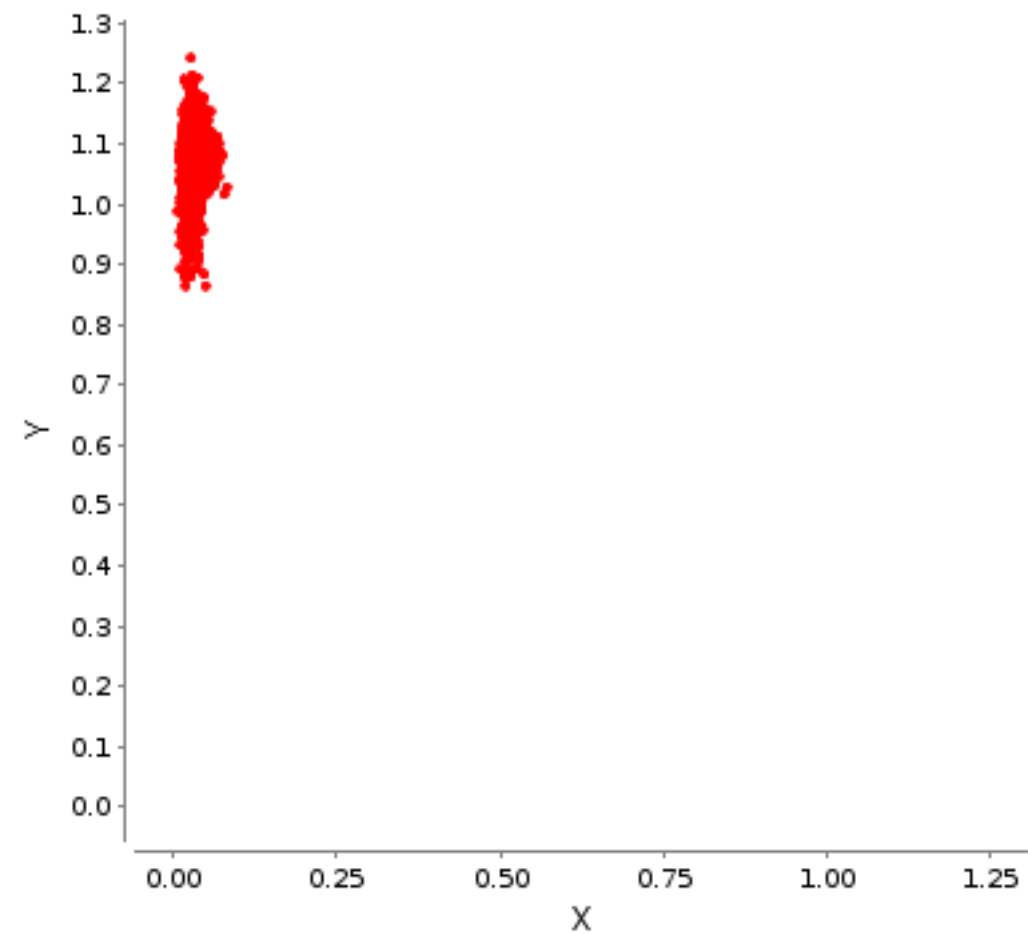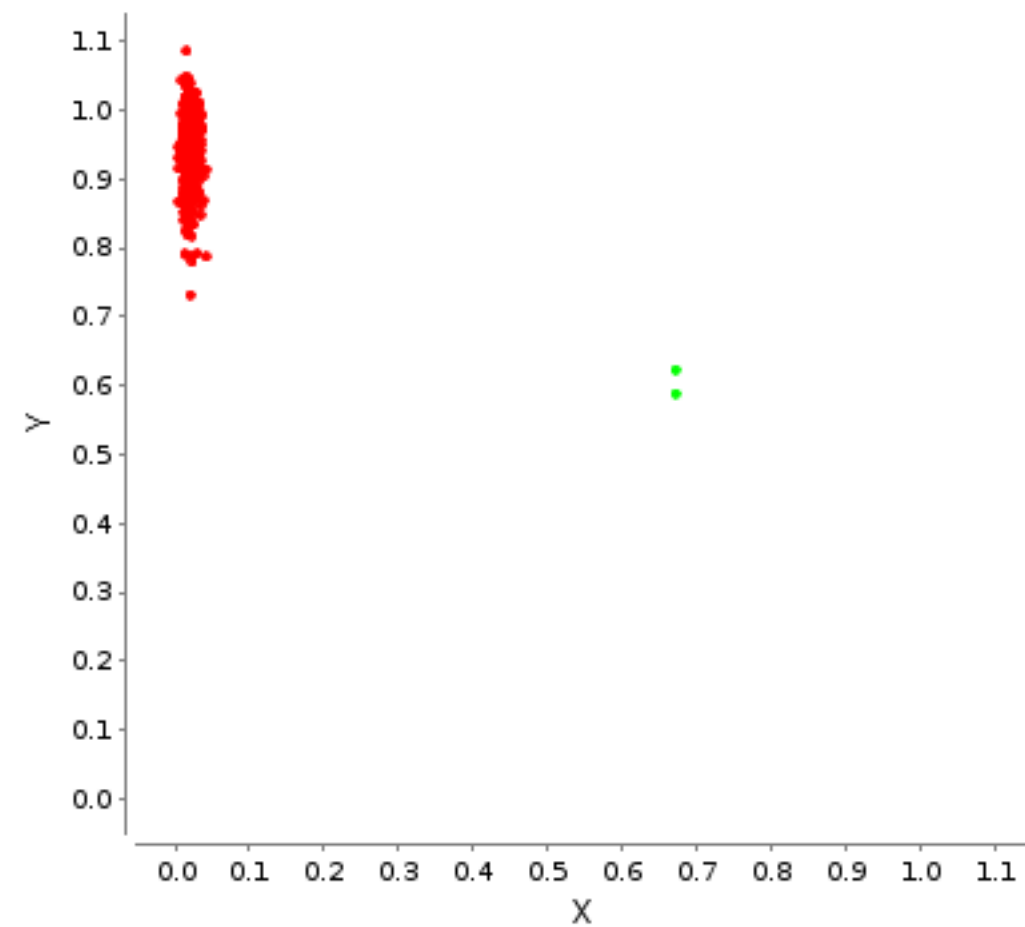(n=1189)

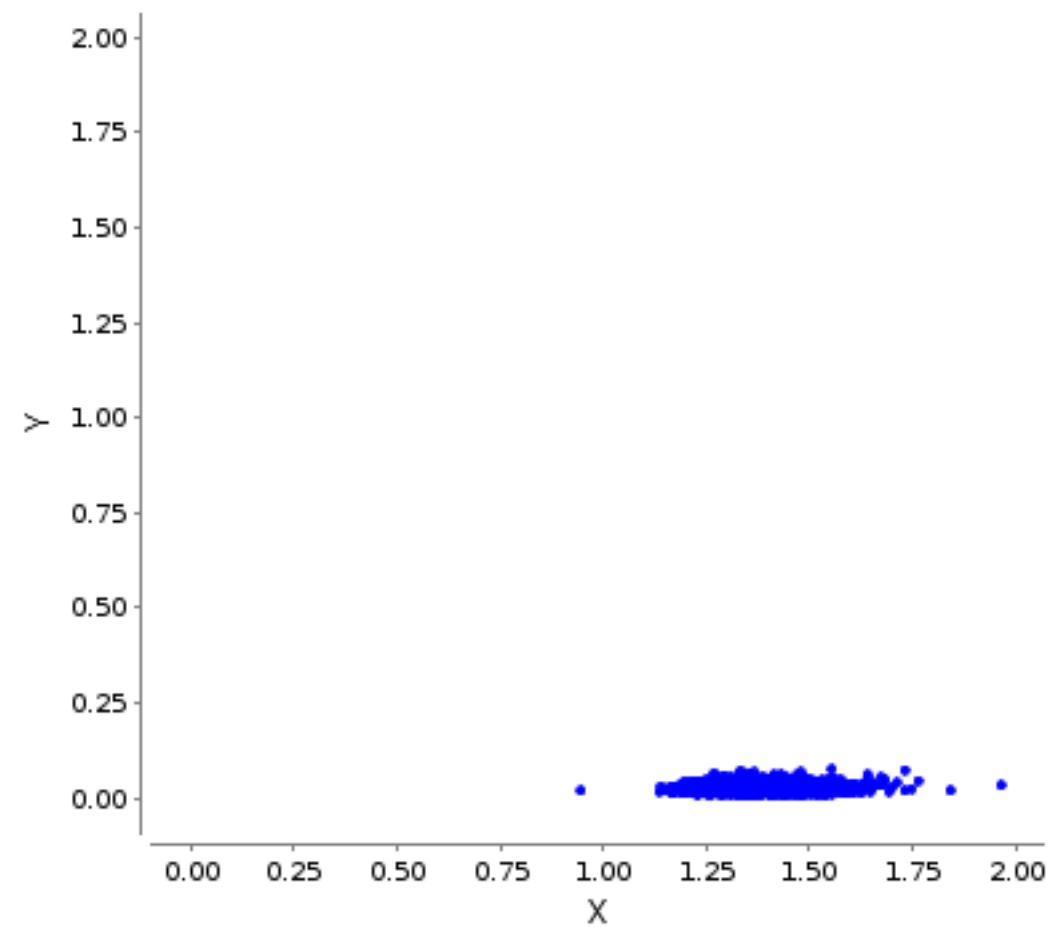MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
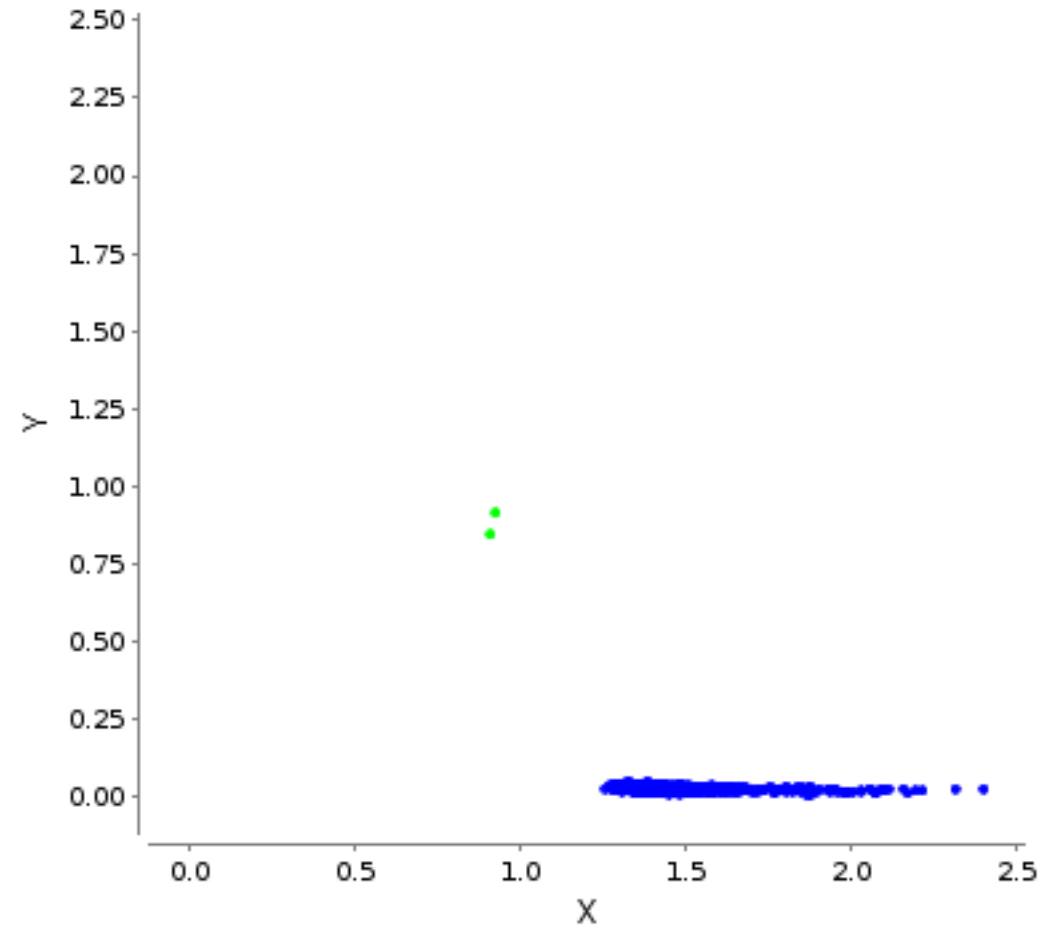
exm969182

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
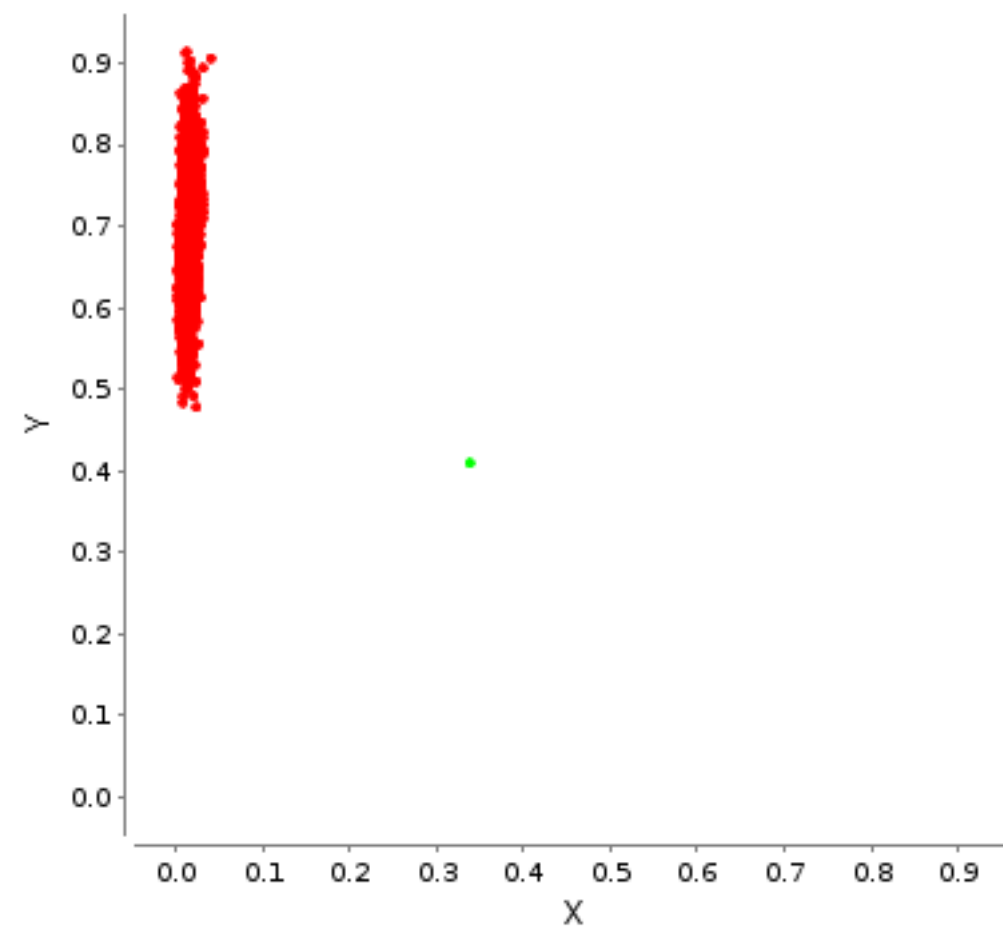
ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000
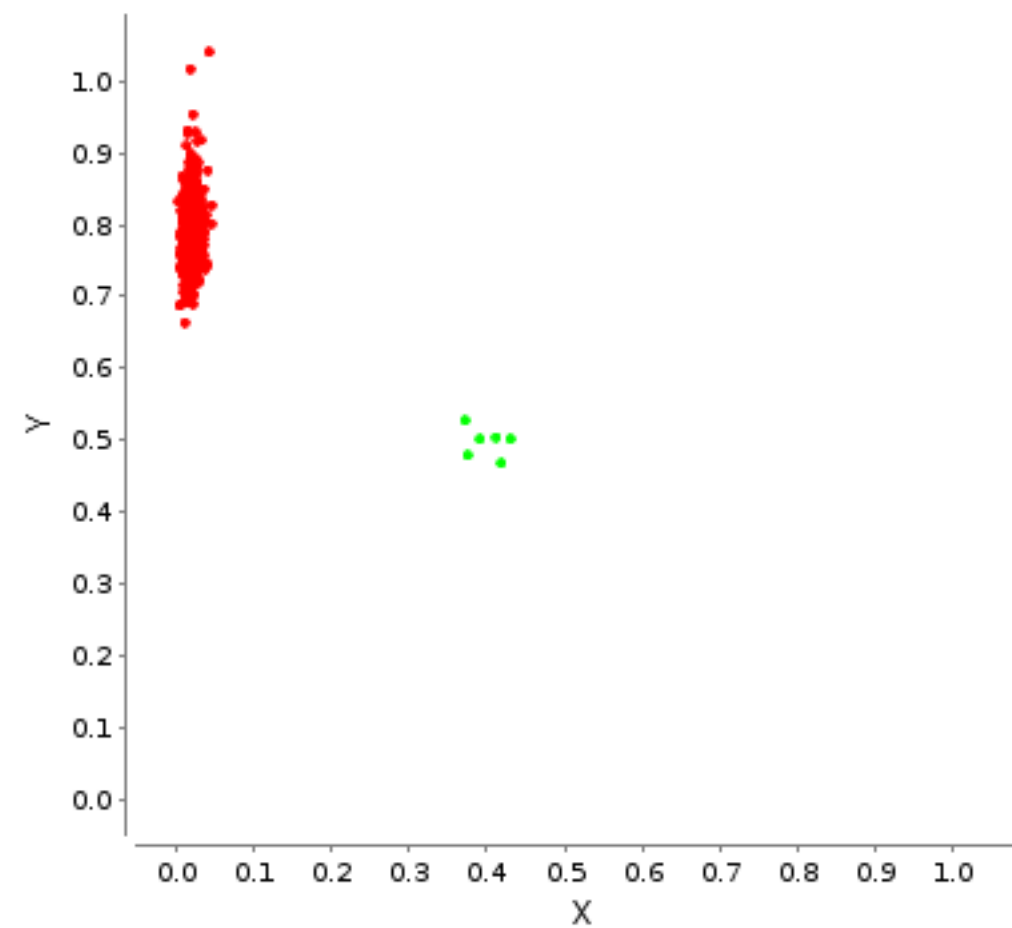
exm31927

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

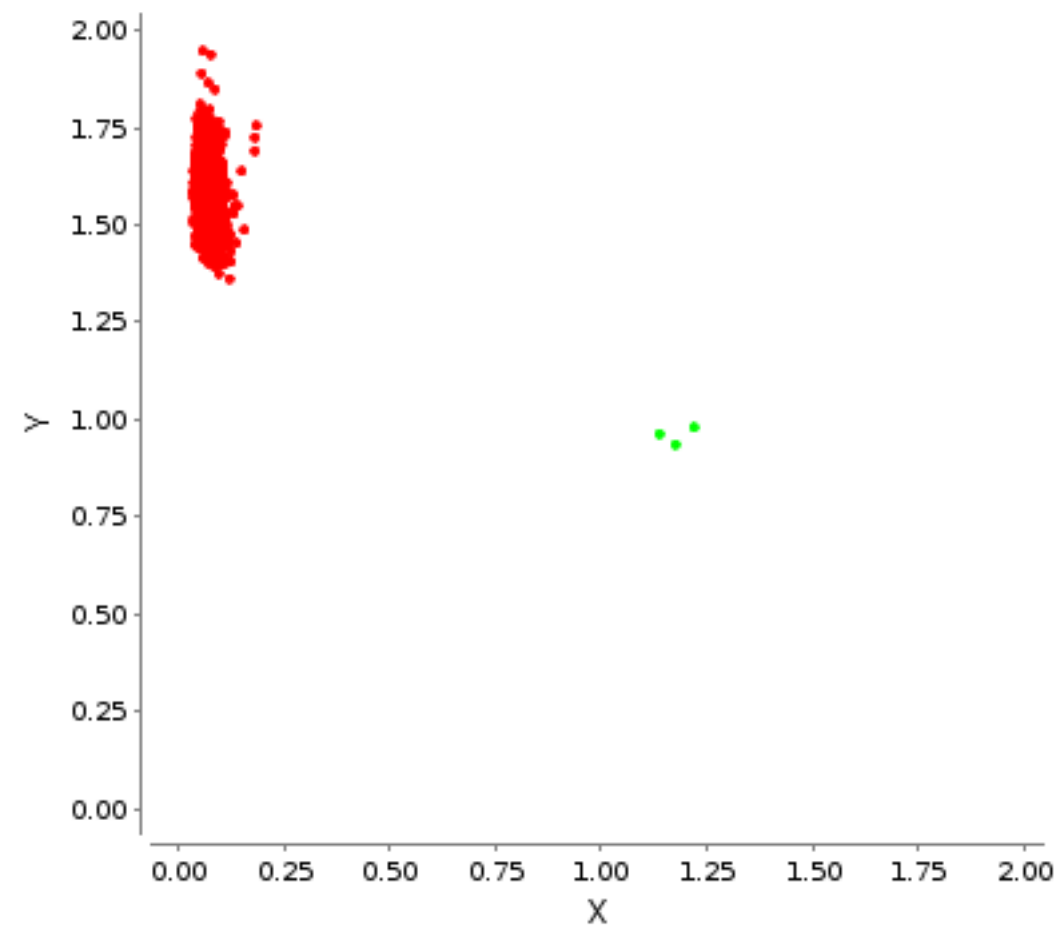MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm655132

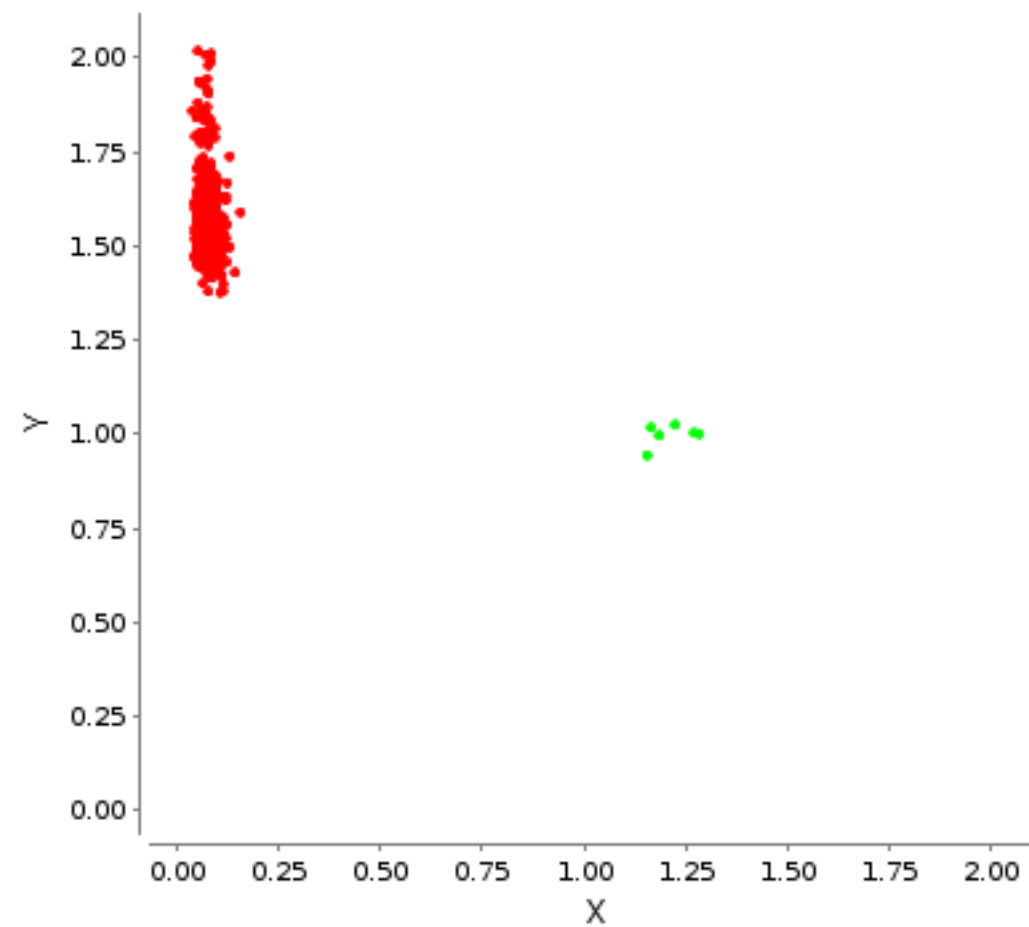## ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm391950

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
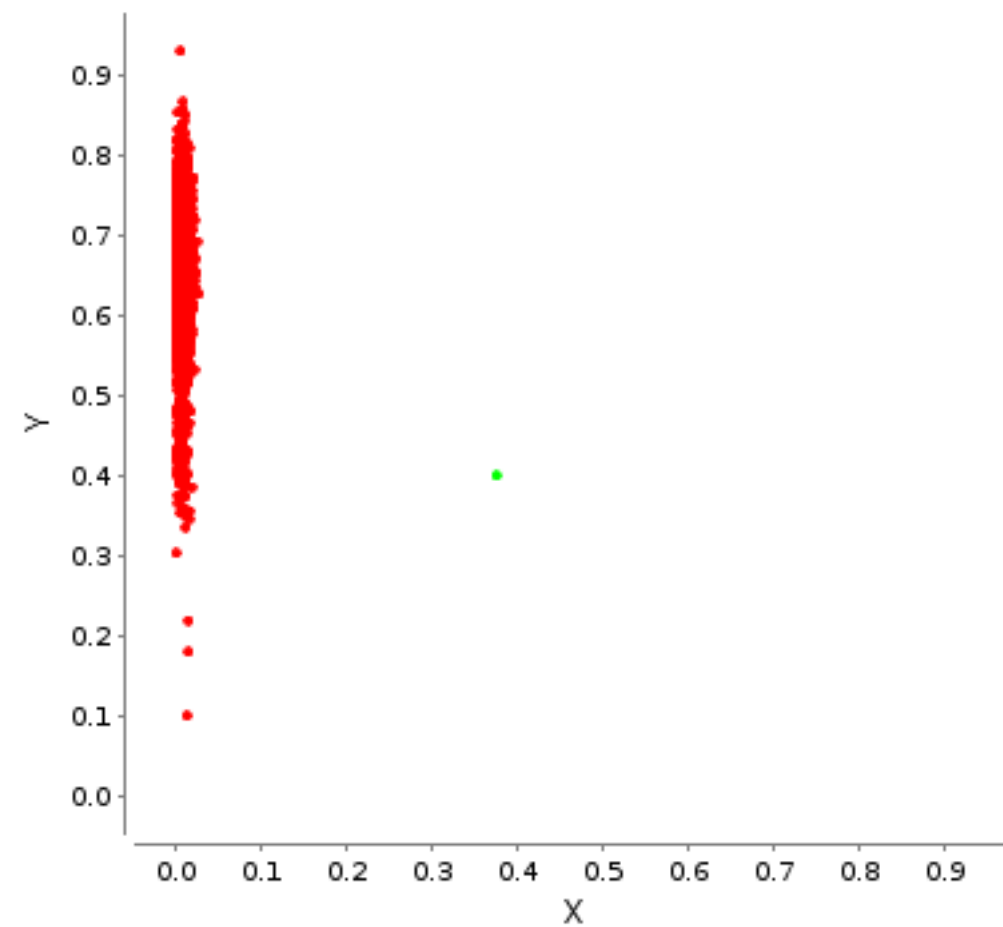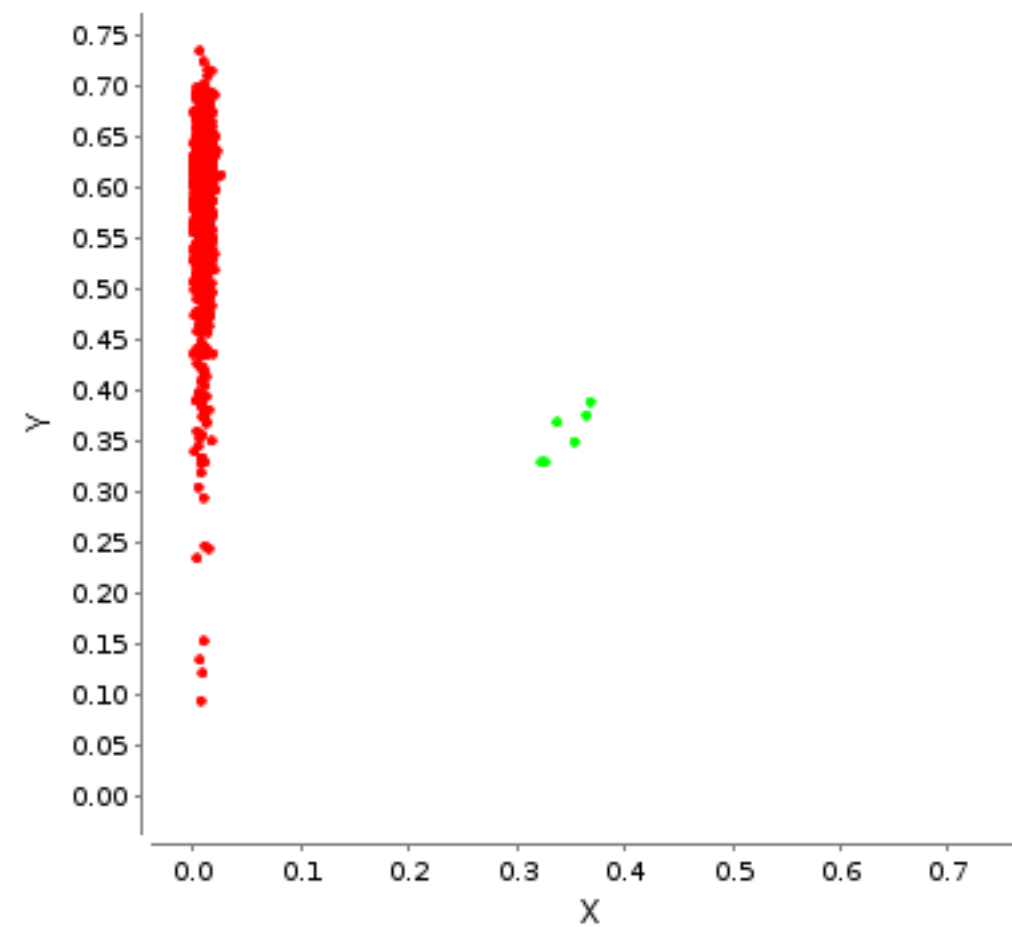(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm906181

ClusterPlots_controls
(n=6755)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
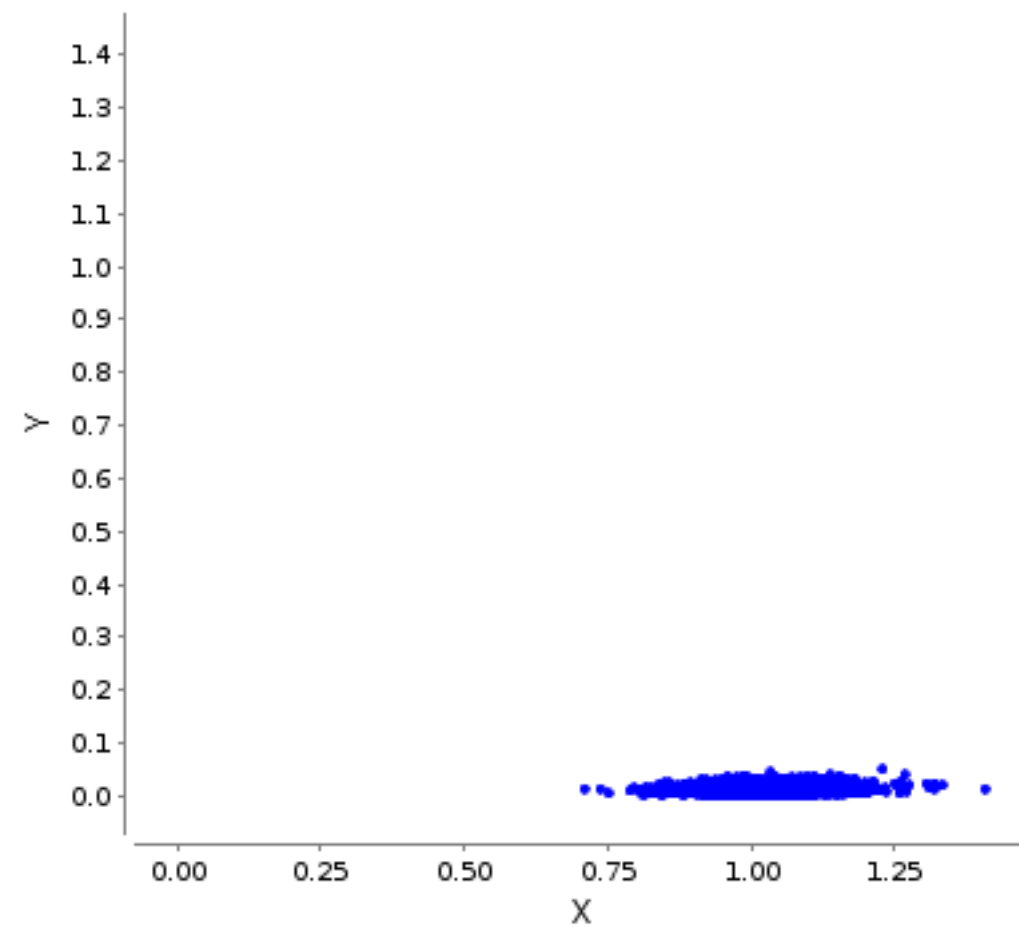(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm2269867

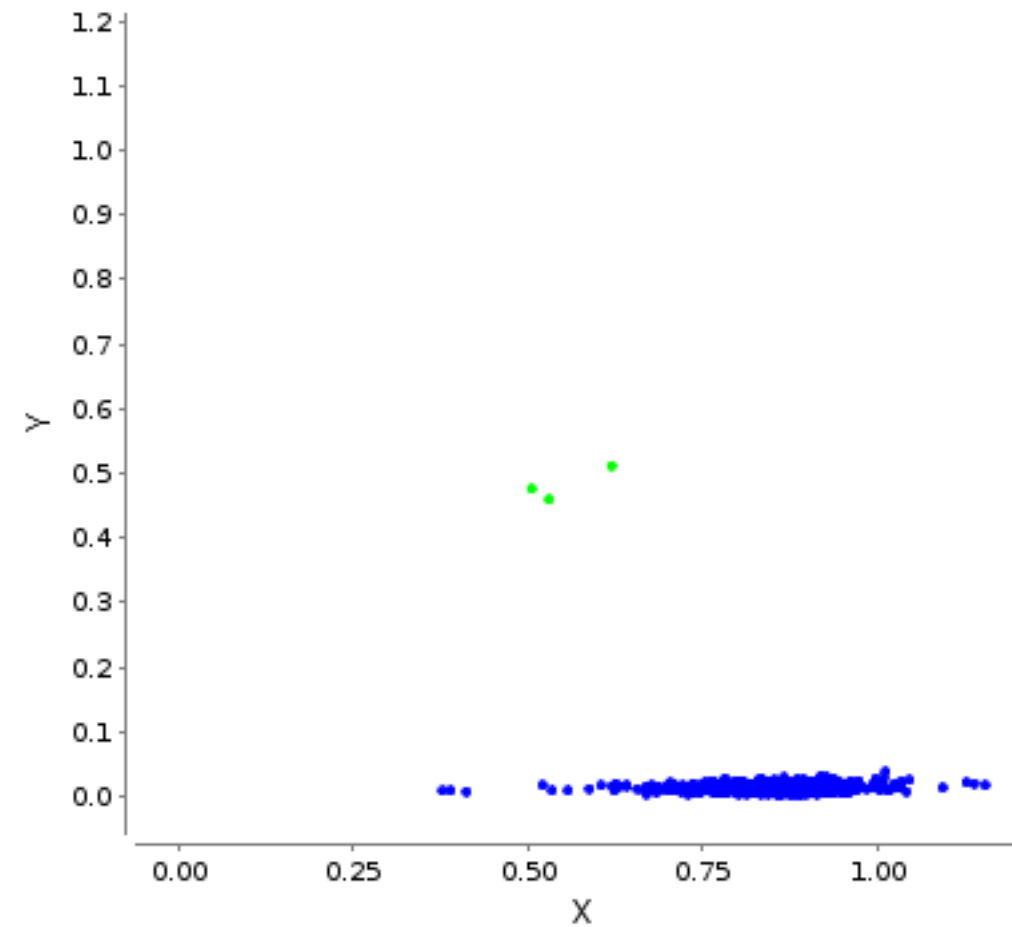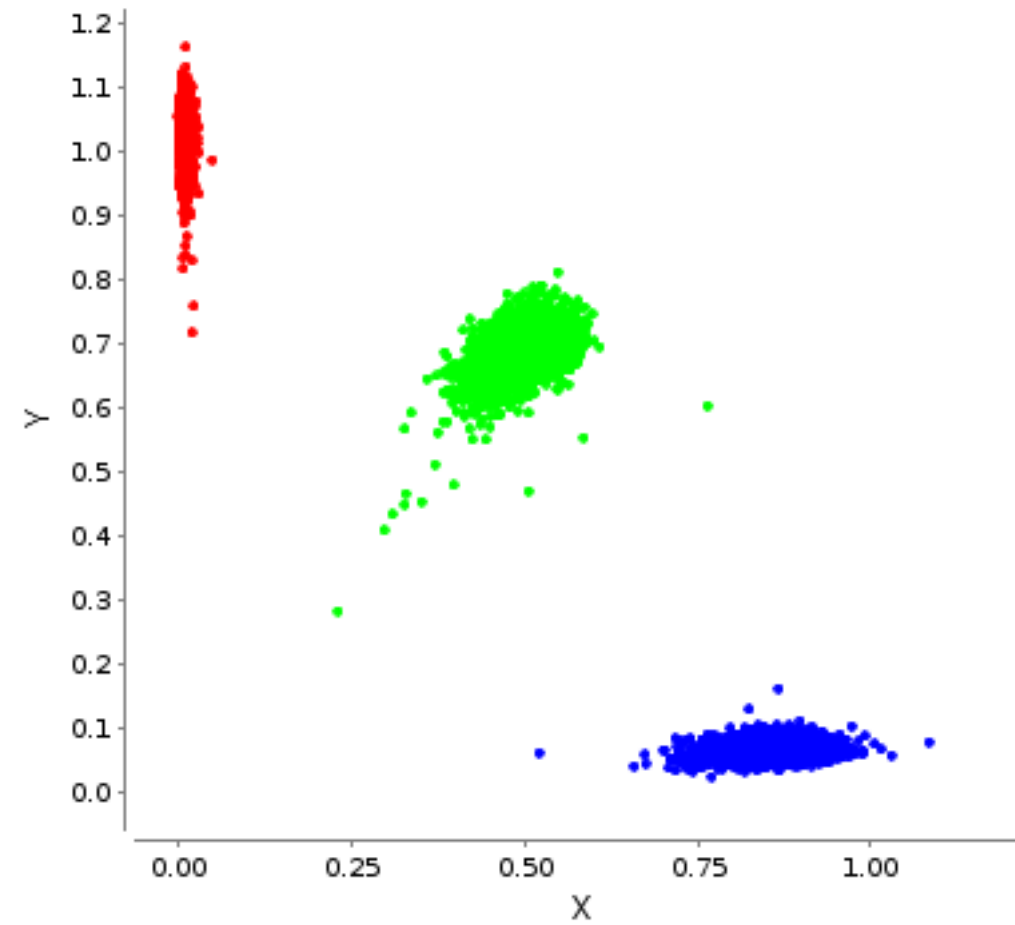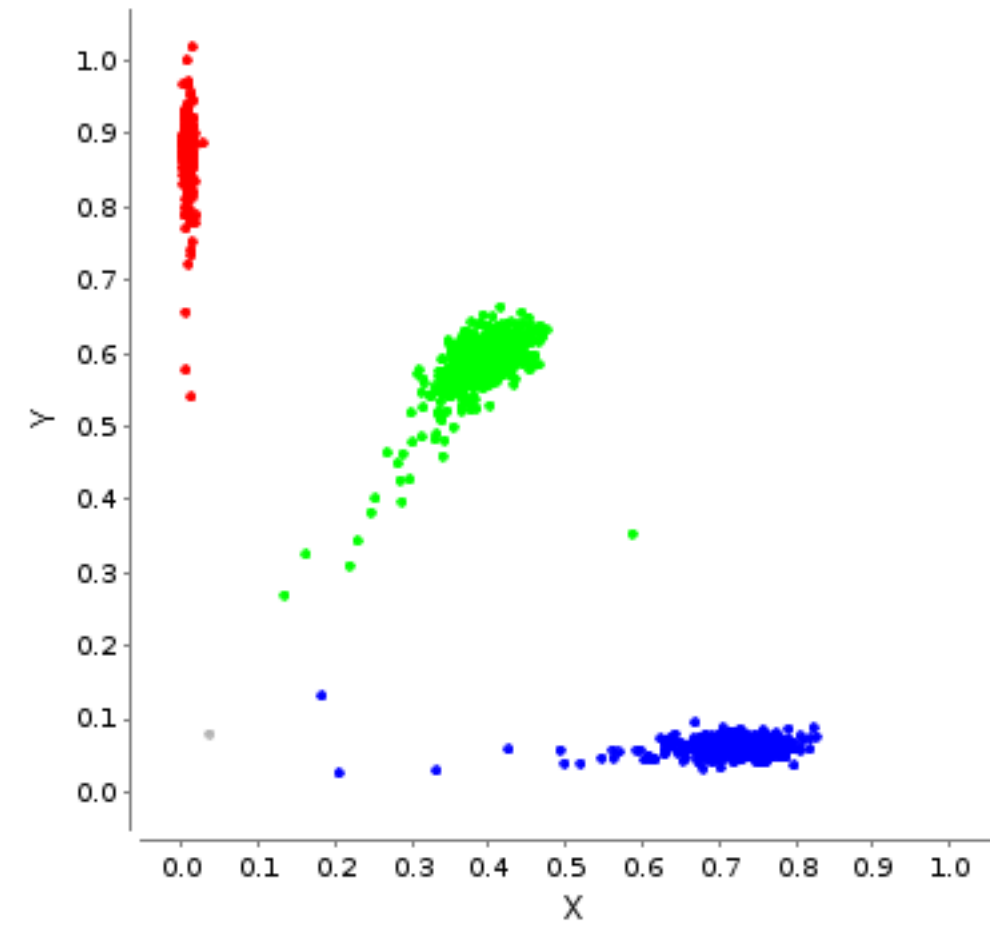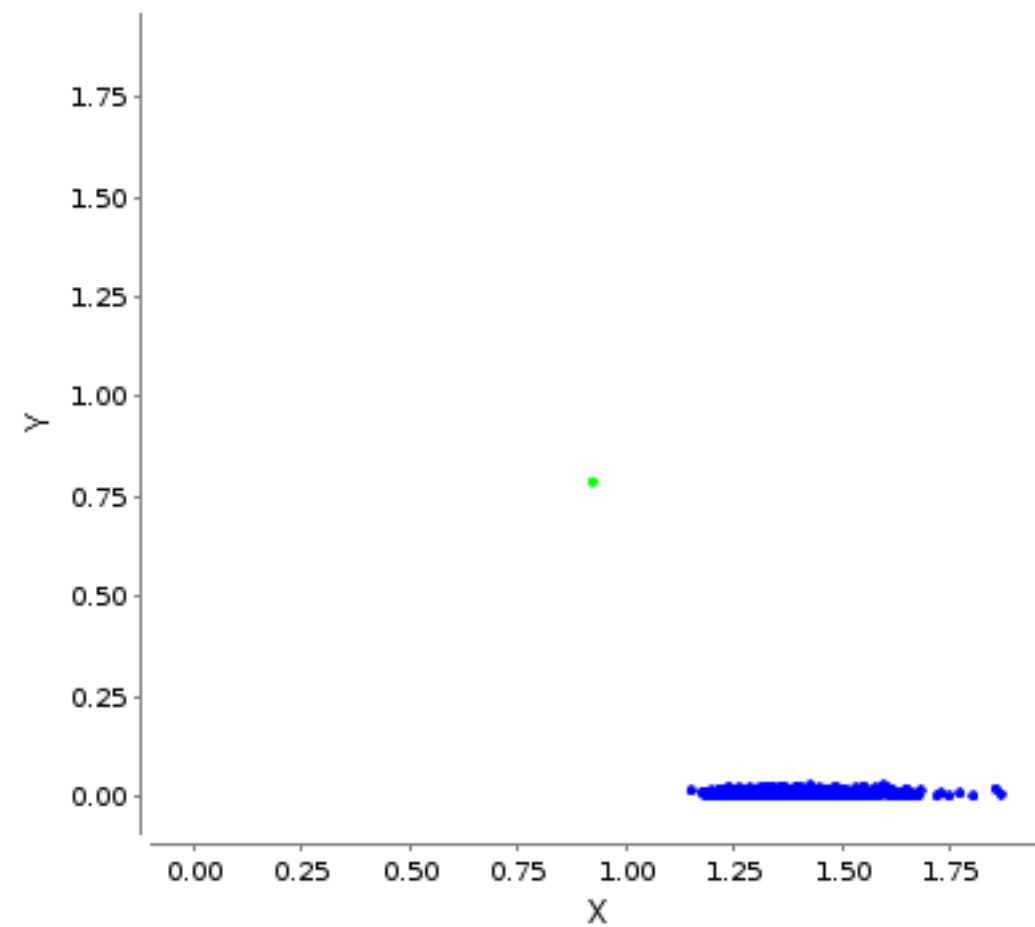
ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.44 GPC: 1.00 HWE pval: 0.657

MAF: 0.49 GPC: 1.00 HWE pval: 0.694

exm826637

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm418550
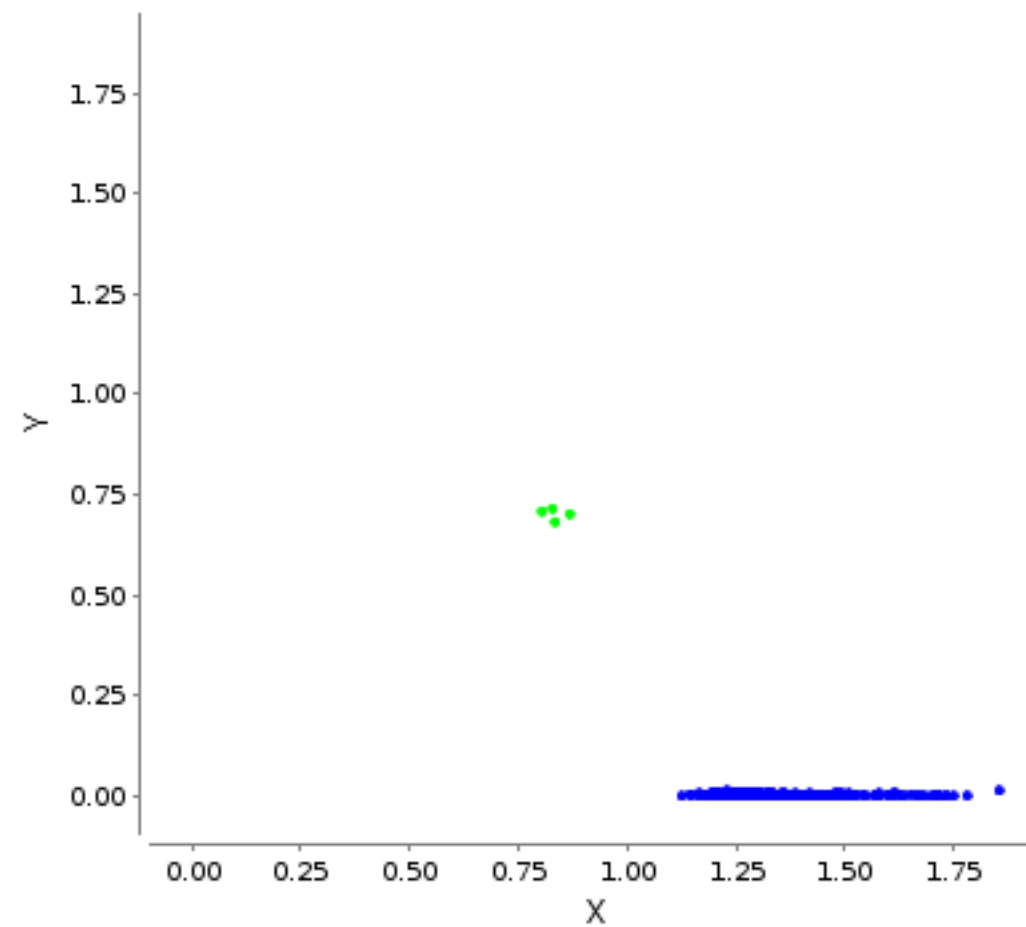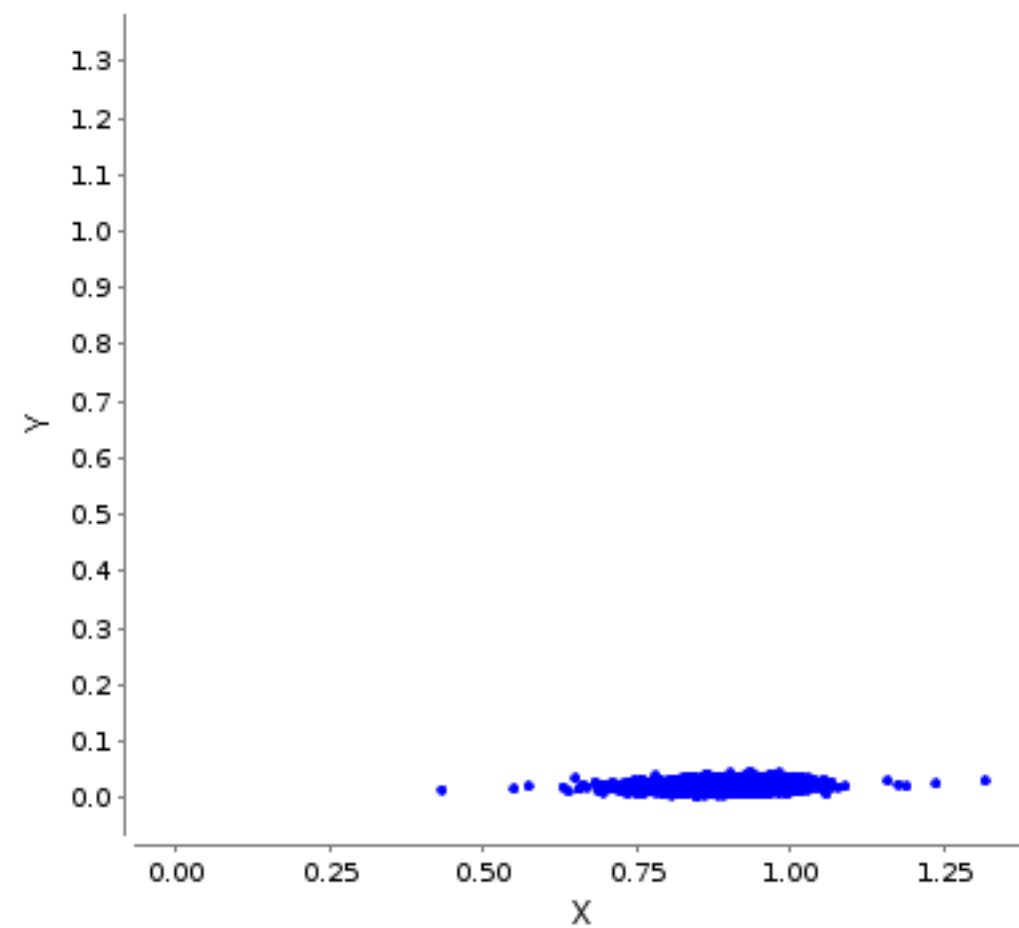

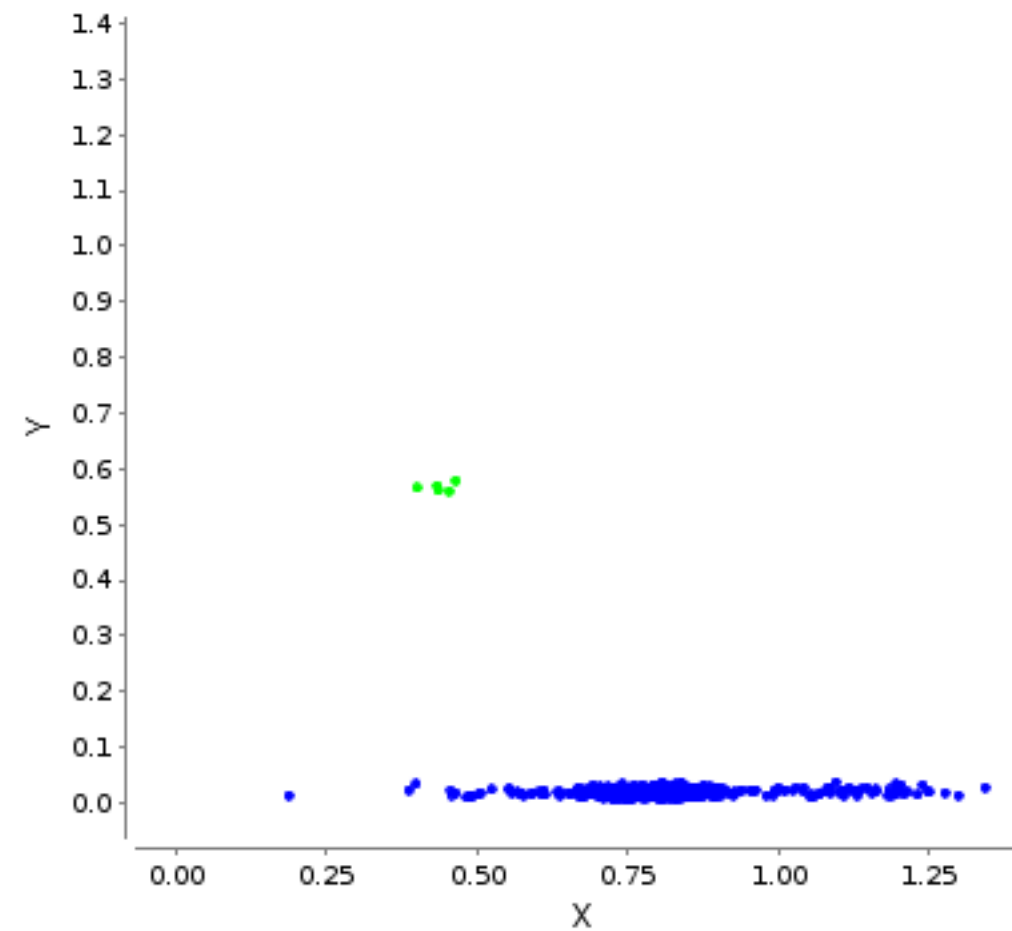## ClusterPlots_controls
(n=6755)
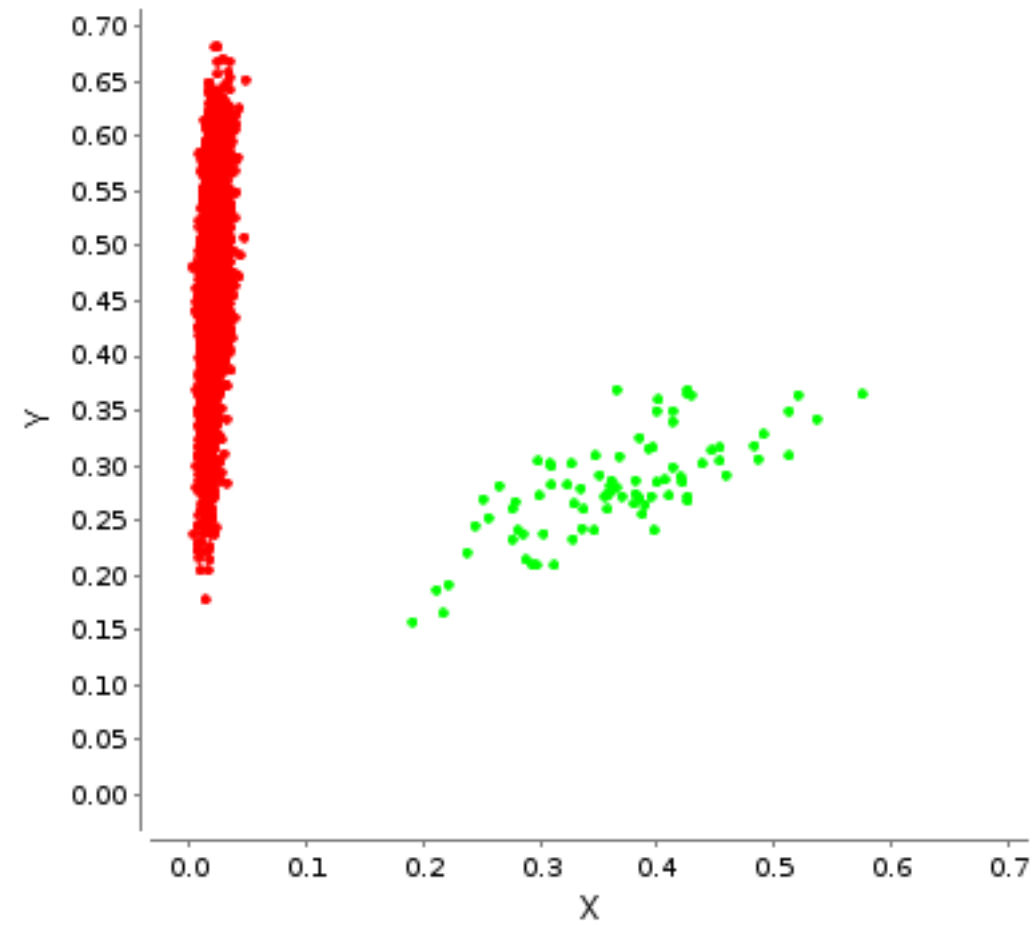
MAF: 0.00 GPC: 1.00 HWE pval: 1.000

ClusterPlots_cases
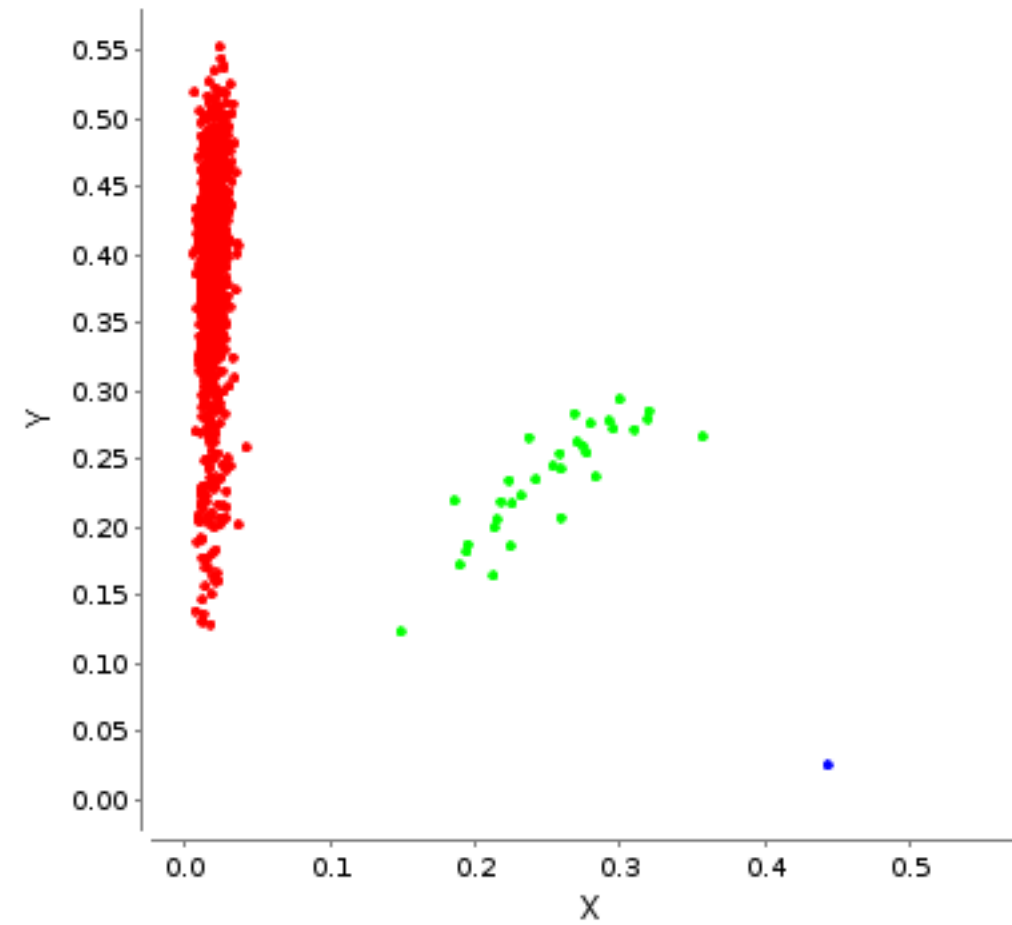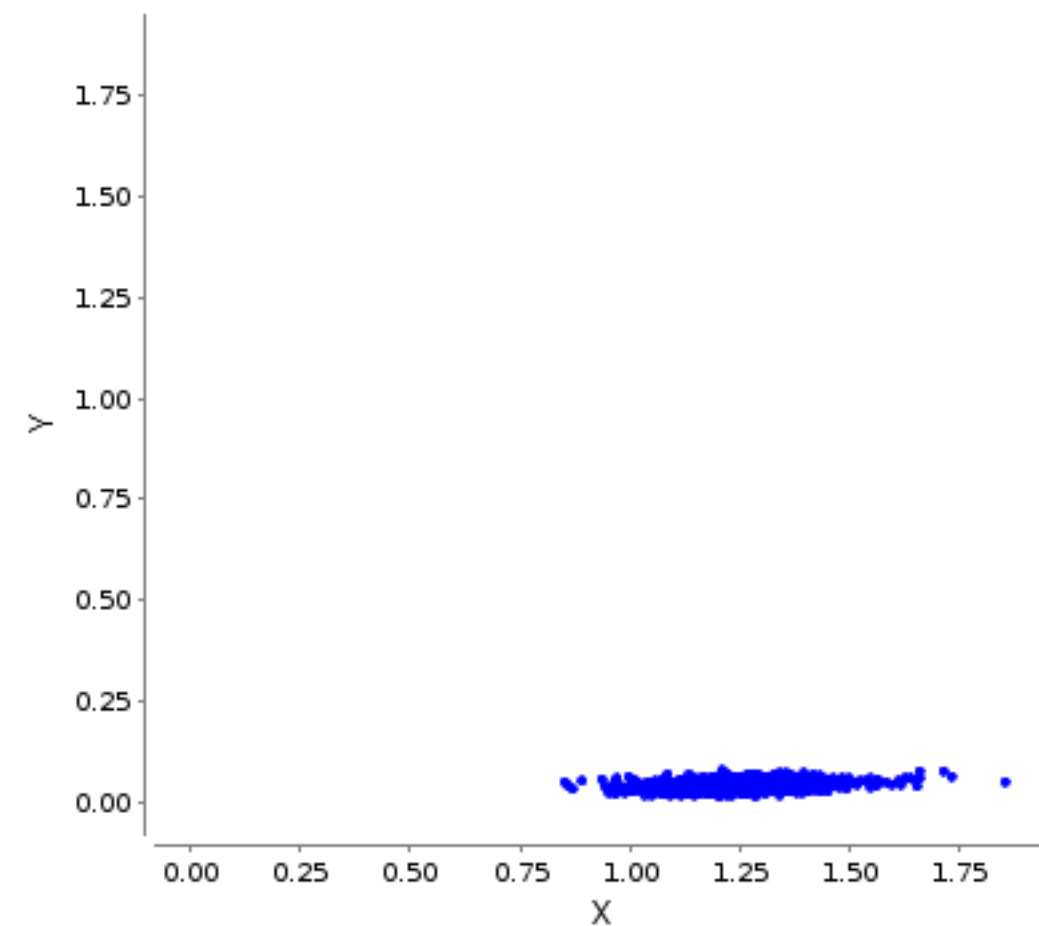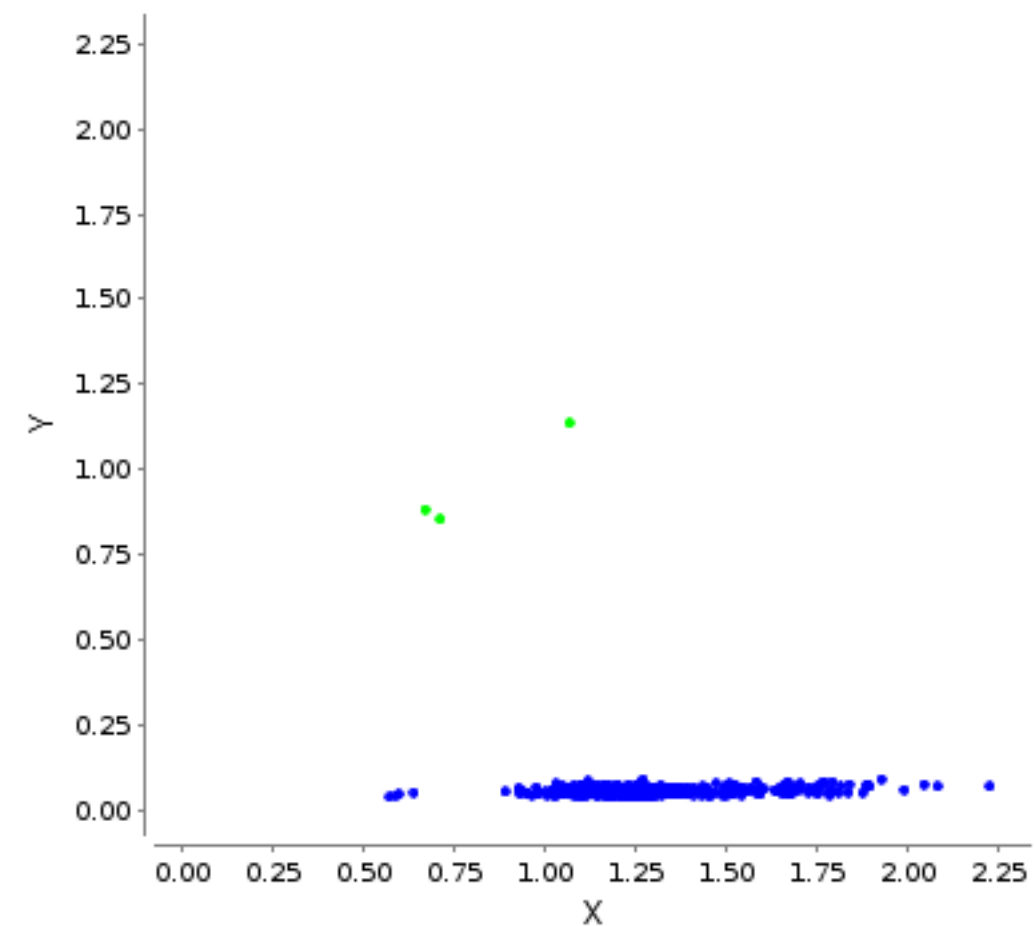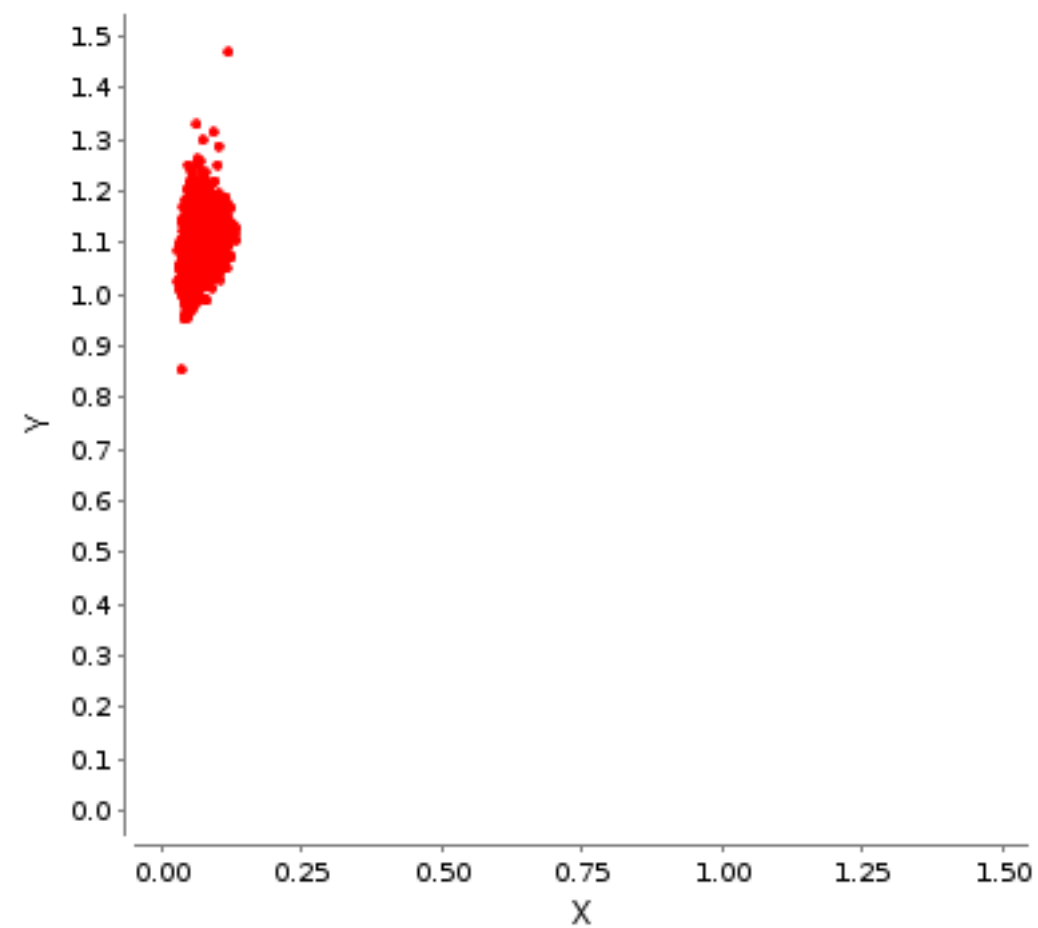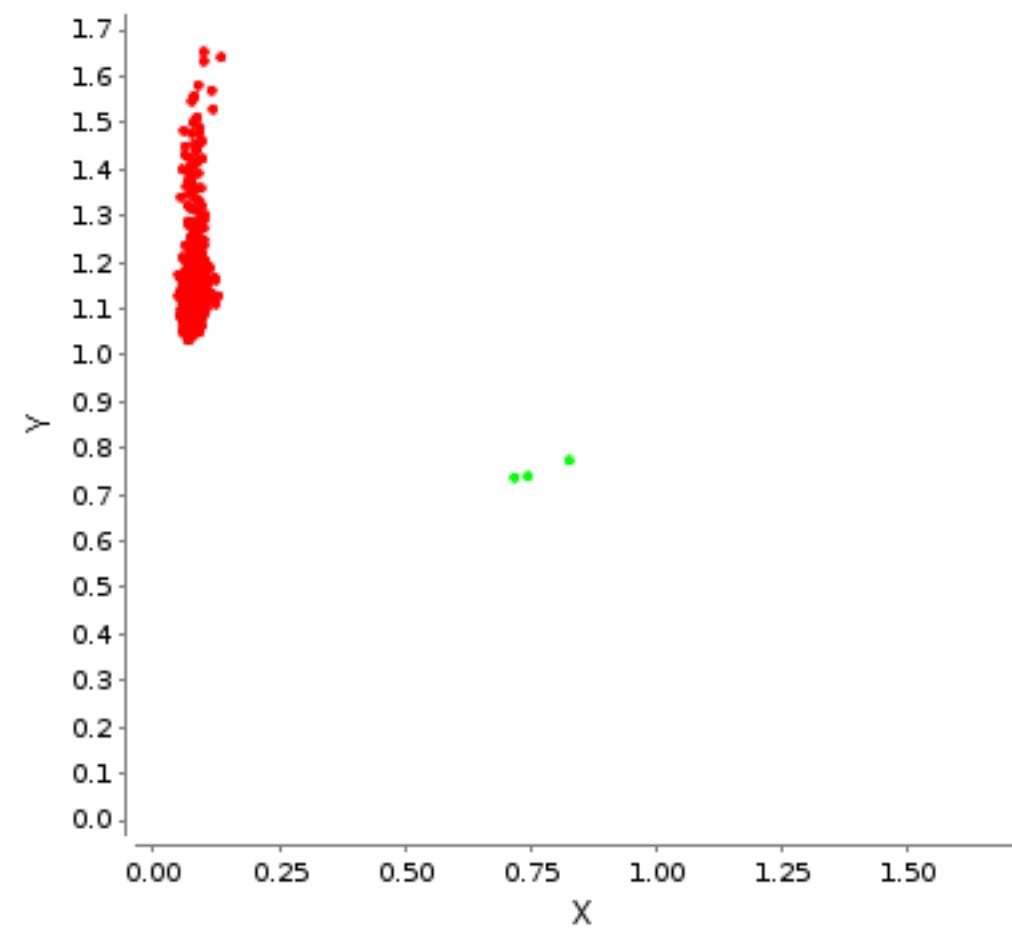### (n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1172251

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.01 GPC: 1.00 HWE pval: 1.000

MAF: 0.01 GPC: 1.00 HWE pval: 0.426

exm1493530

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm1111738

exm1547630

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

MAF: 0.00 GPC: 1.00 HWE pval: 1.000

exm-rs11066301

ClusterPlots_controls
(n=6755)

ClusterPlots_cases
(n=1189)

MAF: 0.46 GPC: 1.00 HWE pval: 0.287

MAF: 0.42 GPC: 1.00 HWE pval: 0.833