SNPE
Model: Chemo
Gln pop id: 8
log10(estimatedCNV fitness effect): -1.9667468070983887
log10(estimated CNV mutation rate): -4.1791558265686035
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv
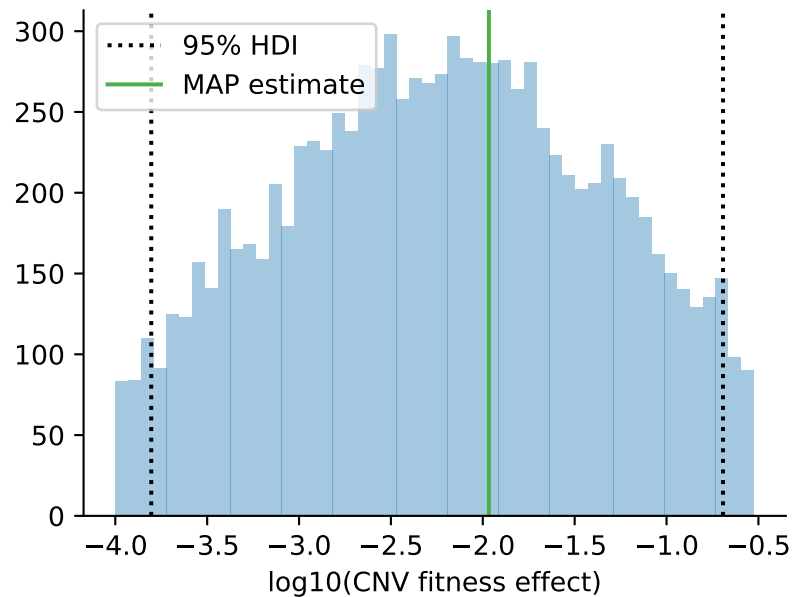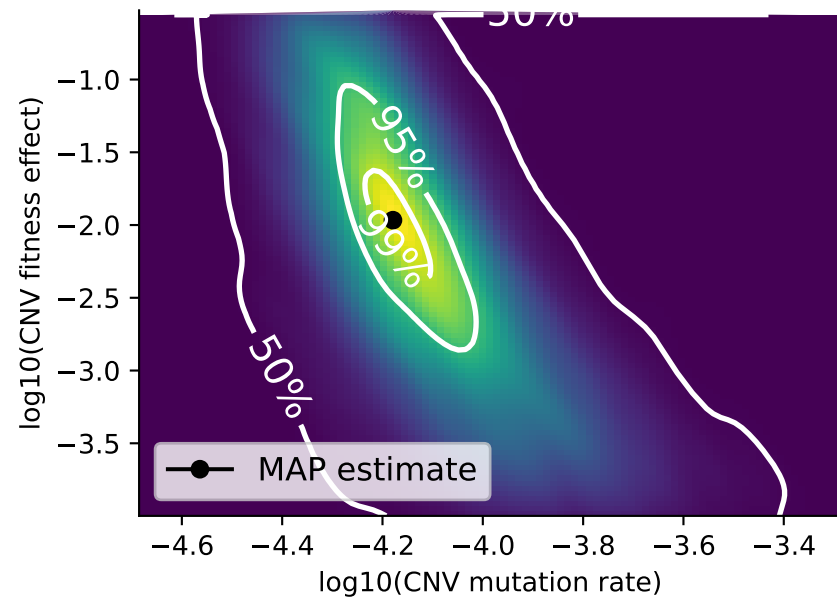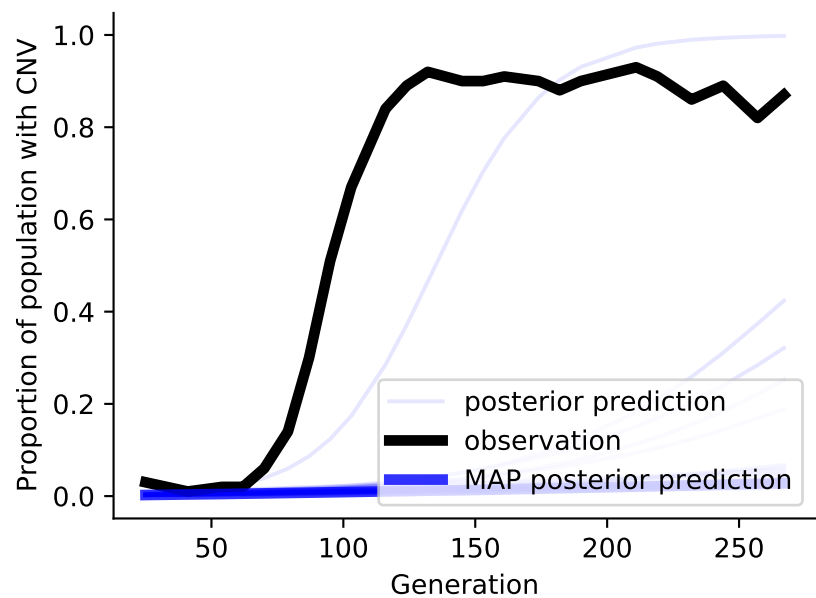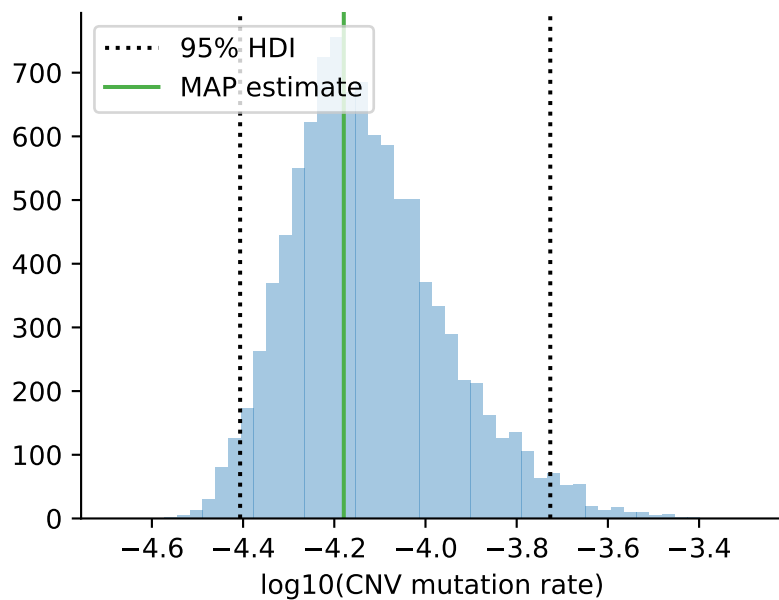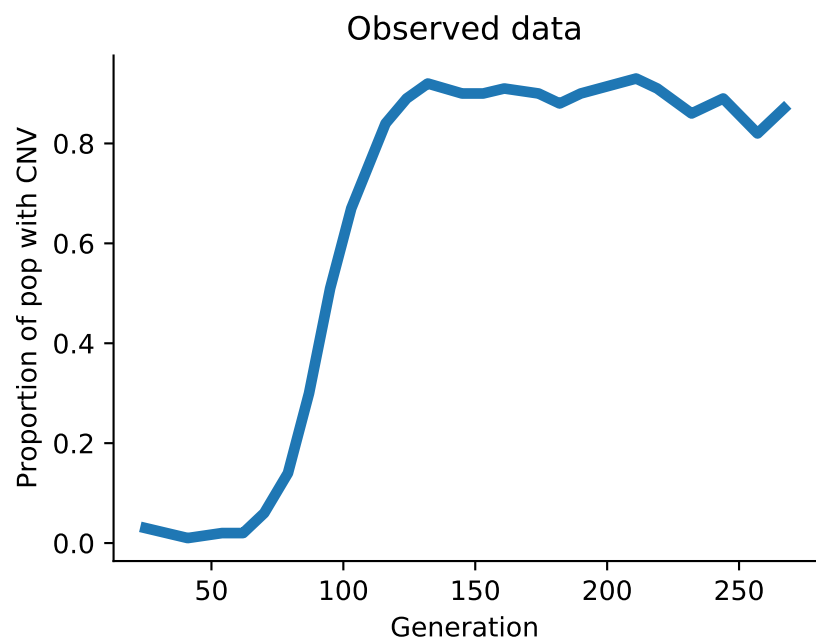
SNPE
Model: Chemo
Gln pop id: 5
log10(estimatedCNV fitness effect): -1.9941513538360596
log10(estimated CNV mutation rate): -4.225741386413574
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv
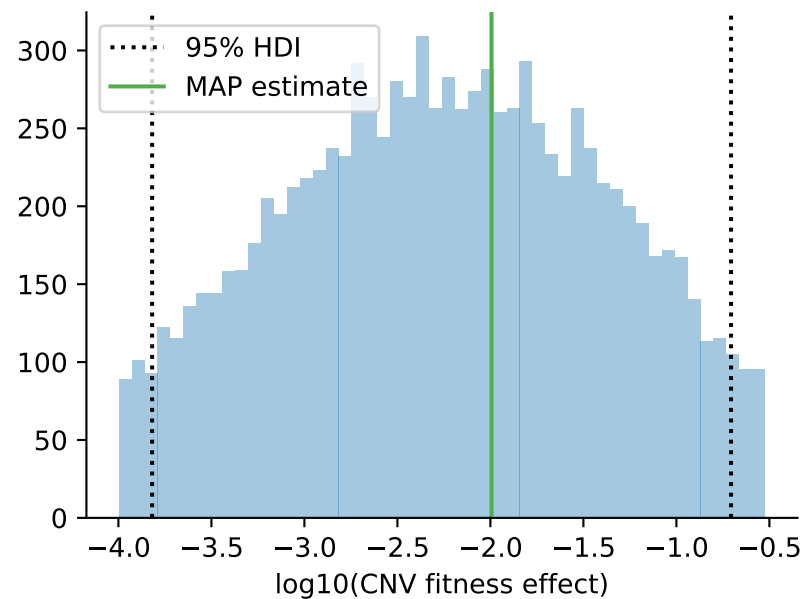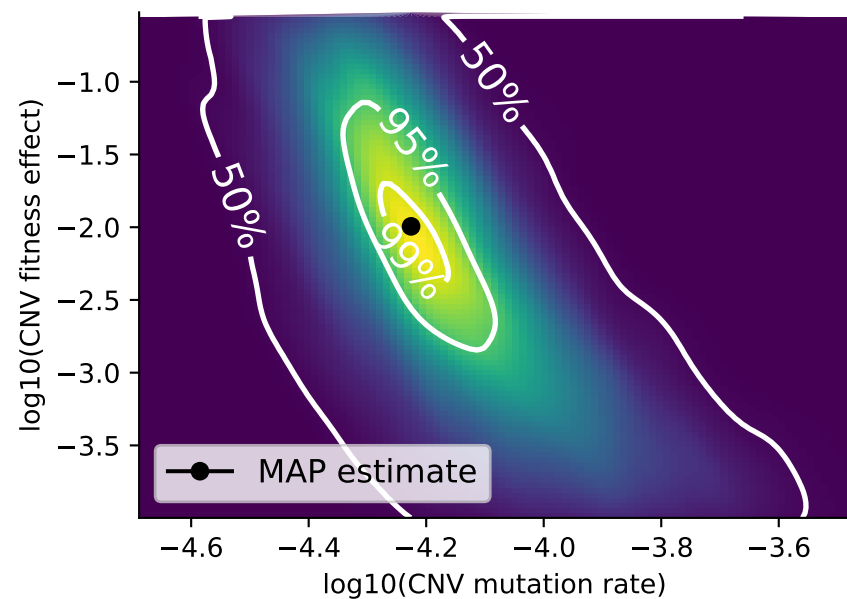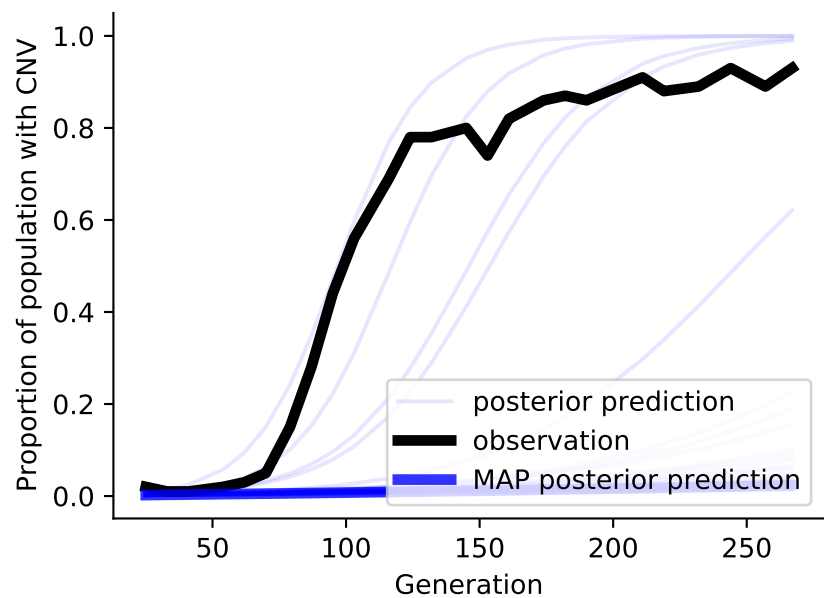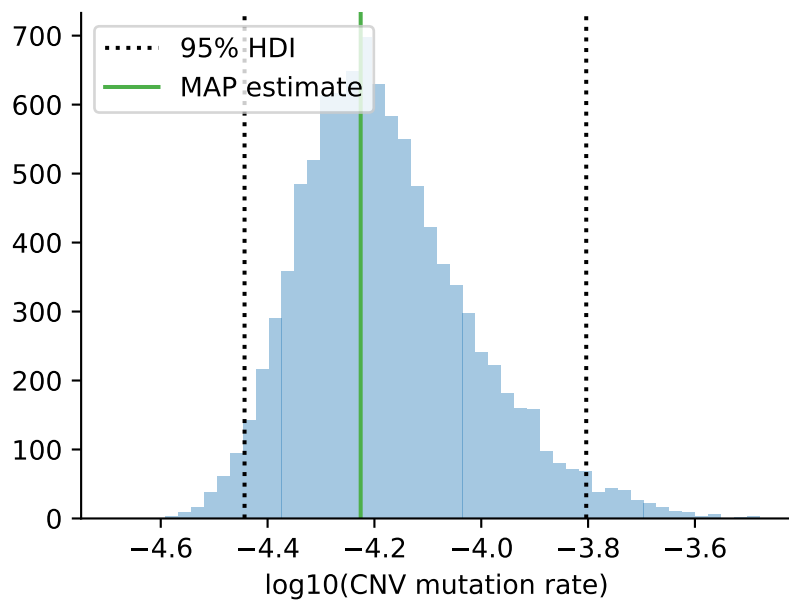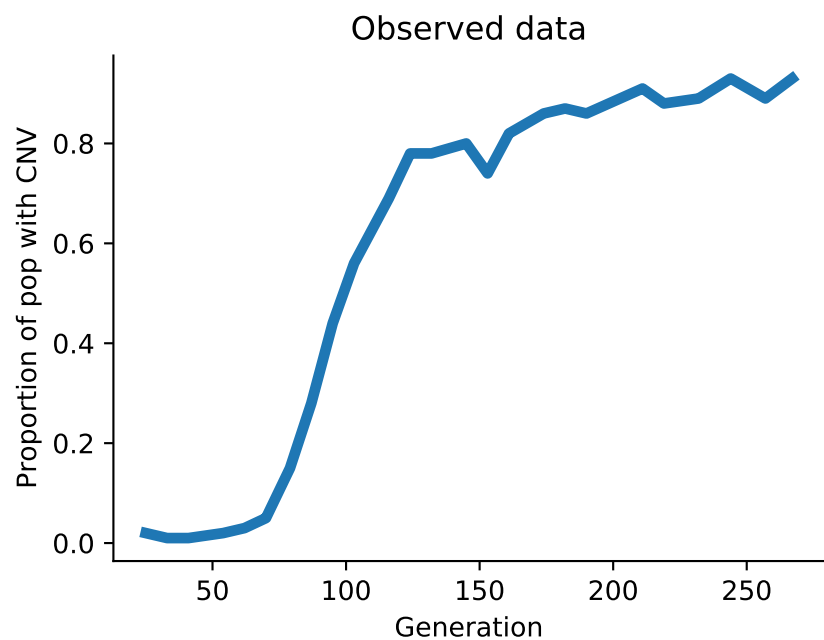
SNPE
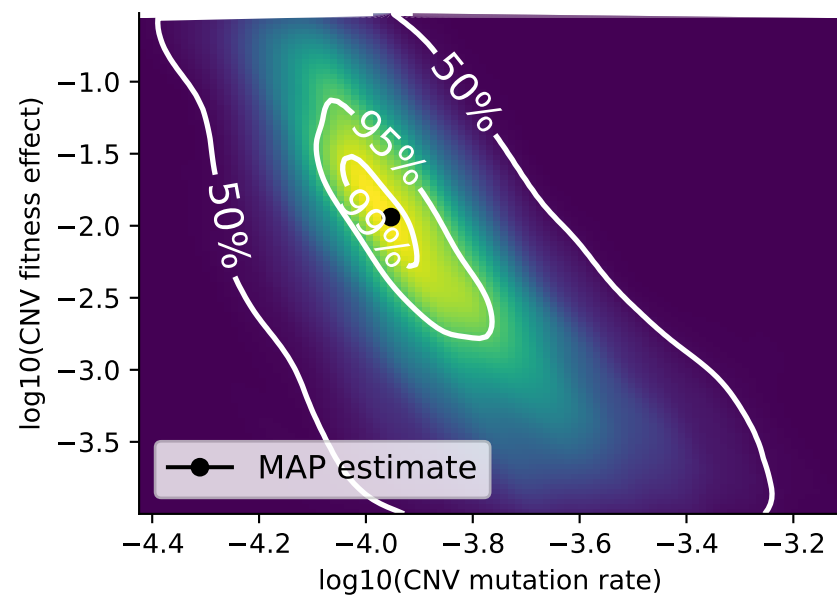Model: Chemo
Gln pop id: 4
log10(estimatedCNV fitness effect): -1.9401021003723145
log10(estimated CNV mutation rate): -3.9531049728393555
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv
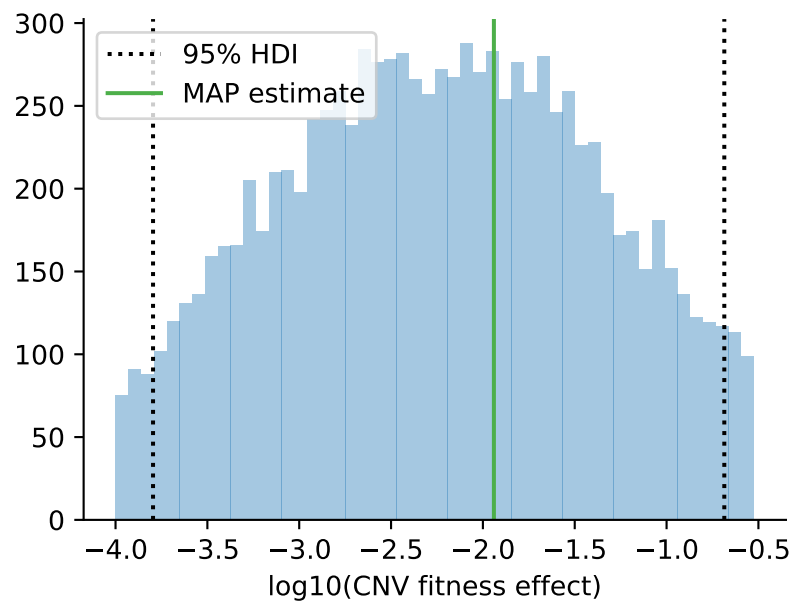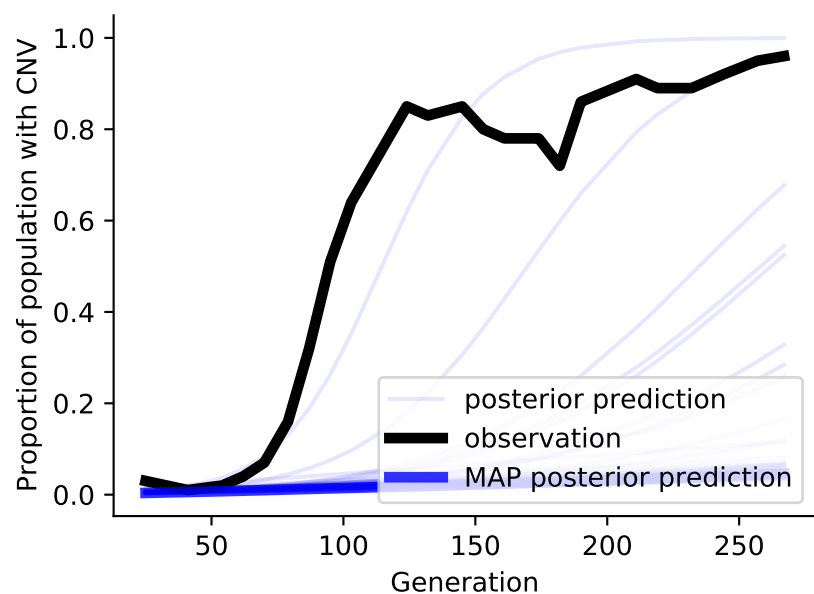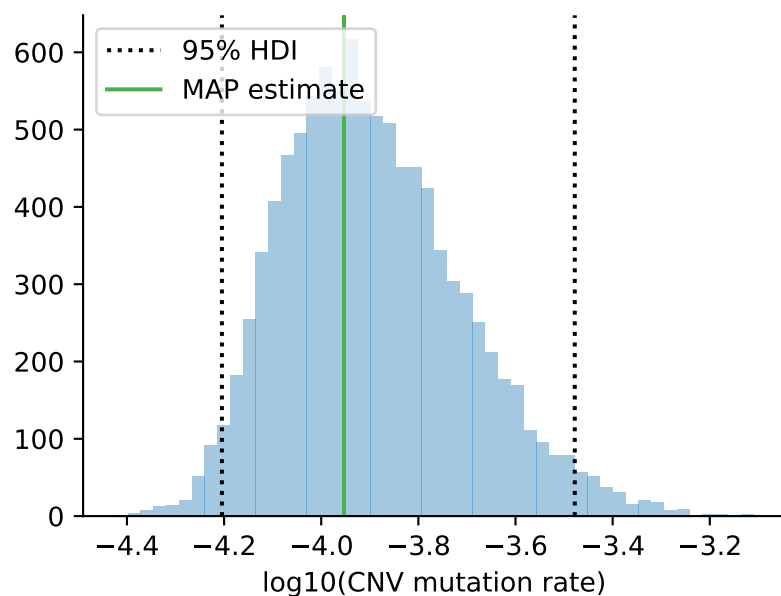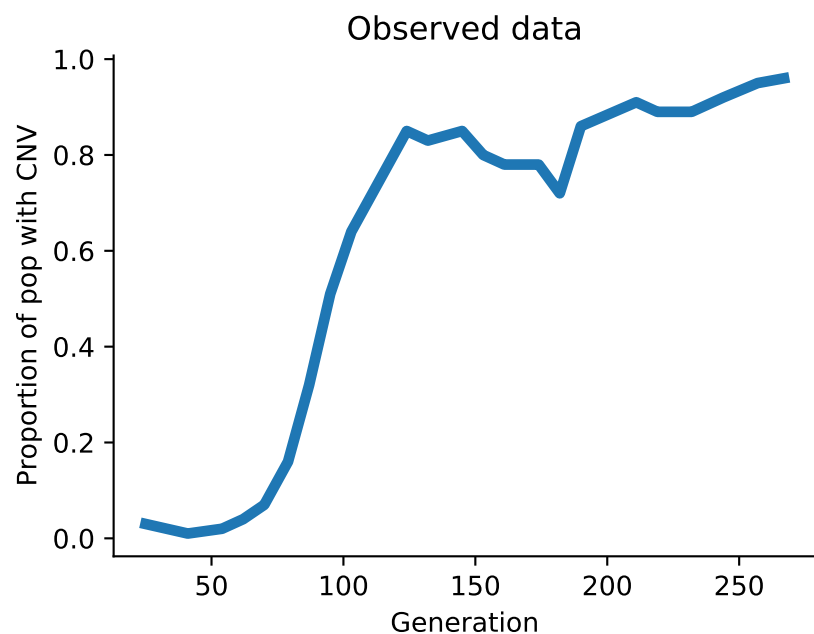
SNPE
Model: Chemo
Gln pop id: 6
log10(estimatedCNV fitness effect): -1.9383935928344727
log10(estimated CNV mutation rate): -3.9967260360717773
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv

Observed data
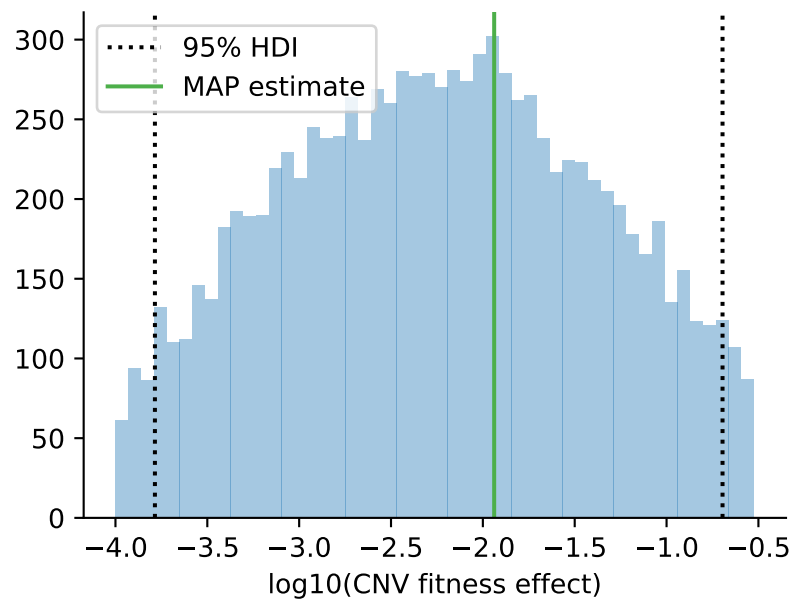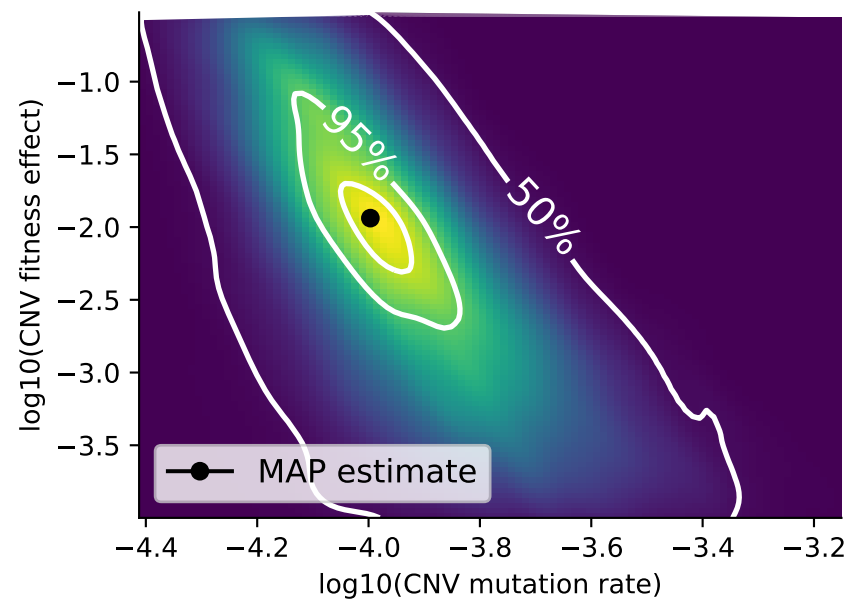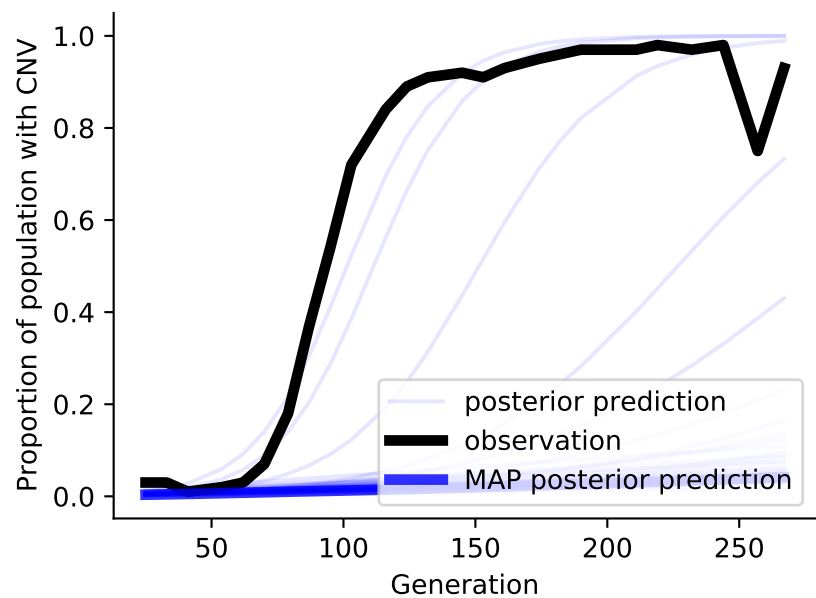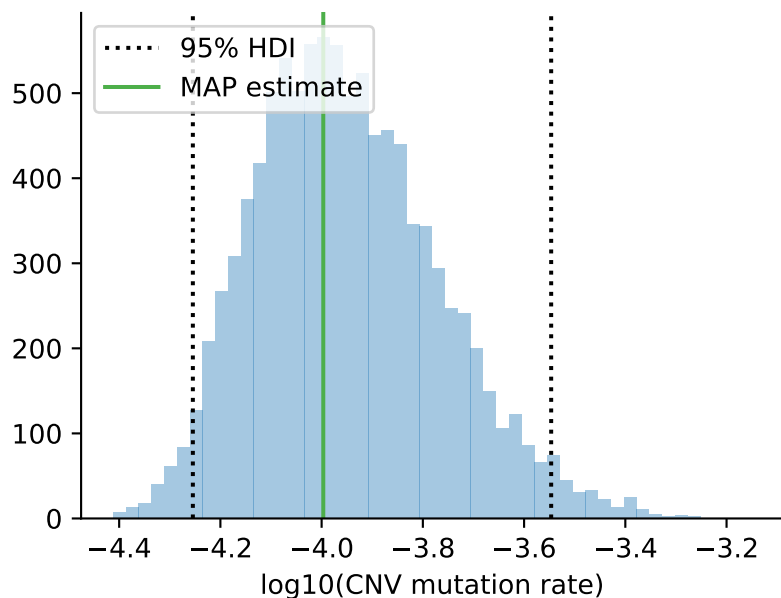
Proportion of pop with CNV

Generation

95% HDI
MAP estimate

log10(CNV mutation rate)

posterior prediction
observation
MAP posterior prediction

Proportion of population with CNV

Generation

log10(CNV fitness effect)

log10(CNV mutation rate)

MAP estimate

95%

50%

95% HDI
MAP estimate

log10(CNV fitness effect)
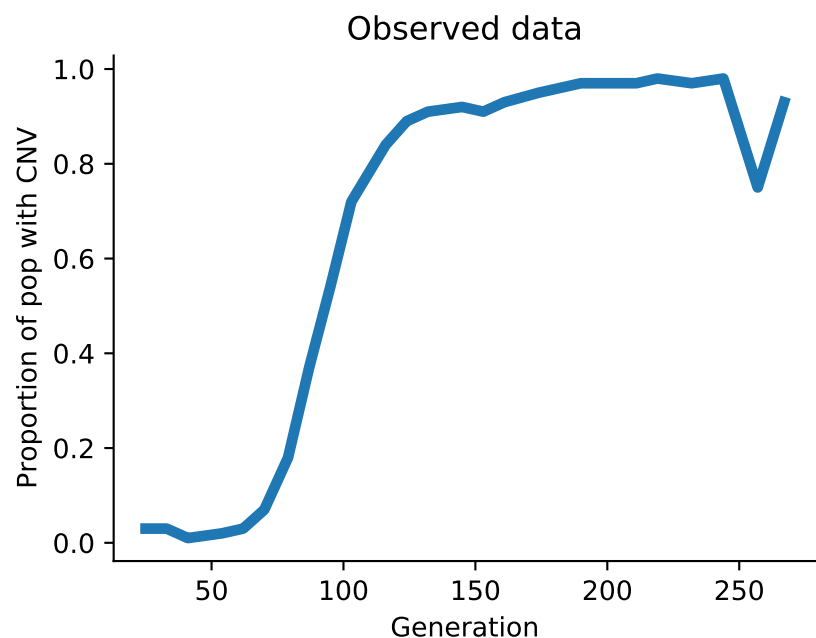
SNPE
Model: Chemo
Gln pop id: 9
log10(estimatedCNV fitness effect): -1.999267578125
log10(estimated CNV mutation rate): -4.024552822113037
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv
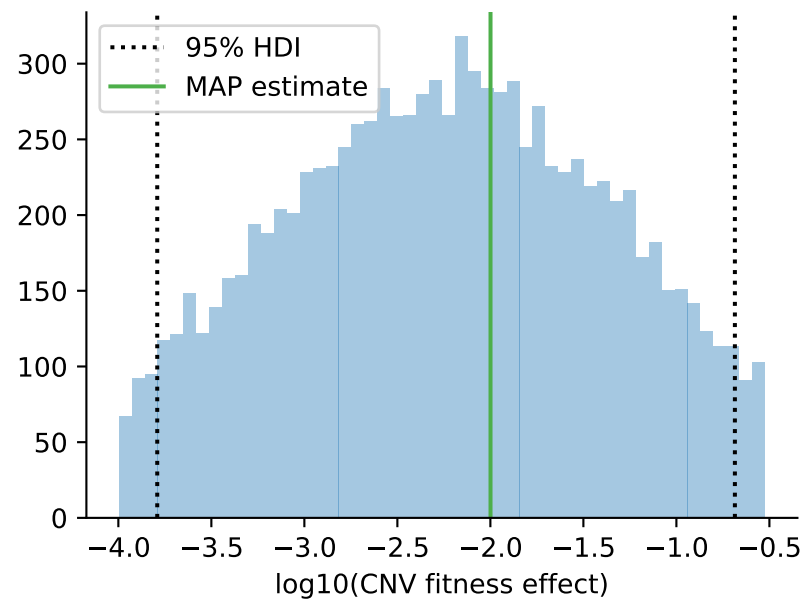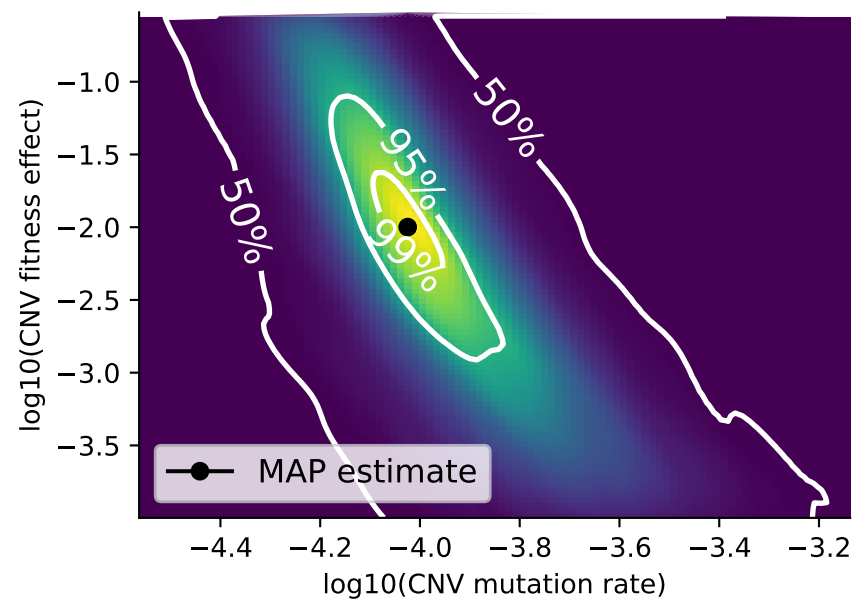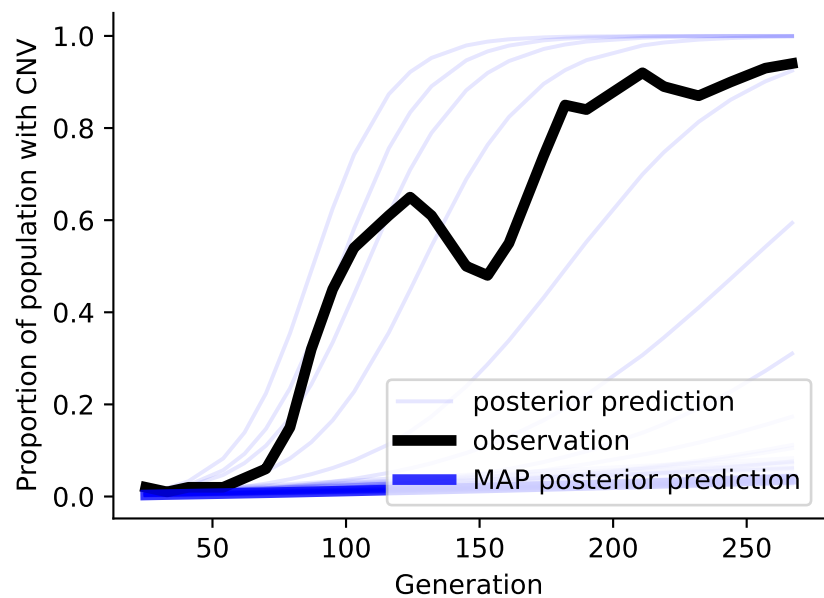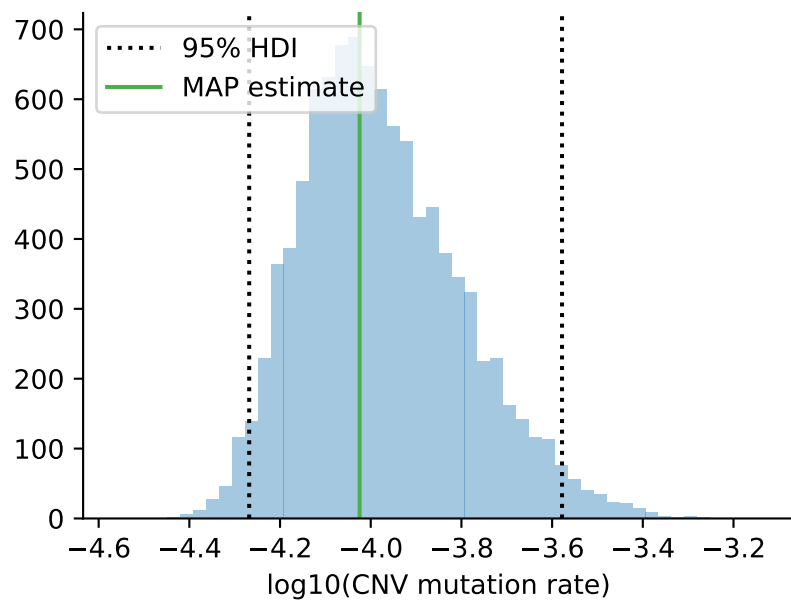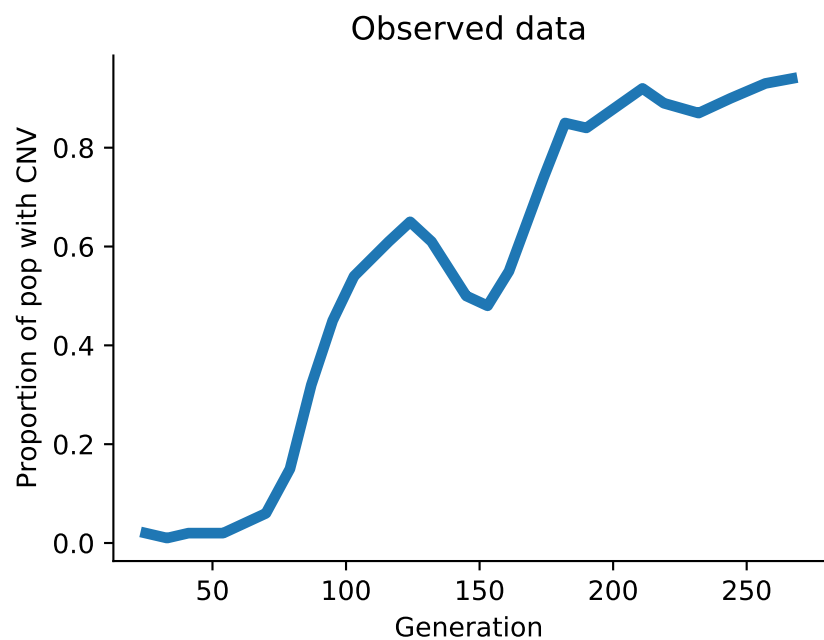
SNPE
Model: Chemo
Gln pop id: 7
log10(estimatedCNV fitness effect): -1.9831383228302002
log10(estimated CNV mutation rate): -3.959395408630371
SNV fitness:0.001
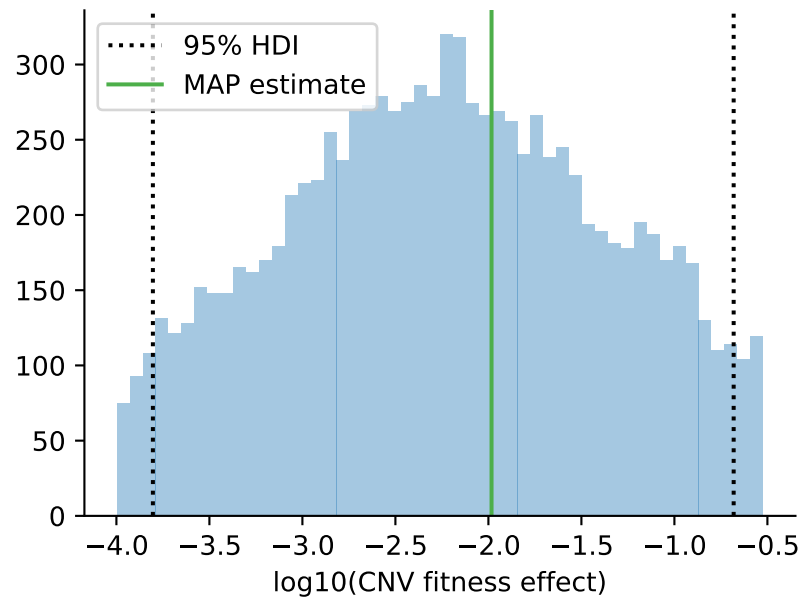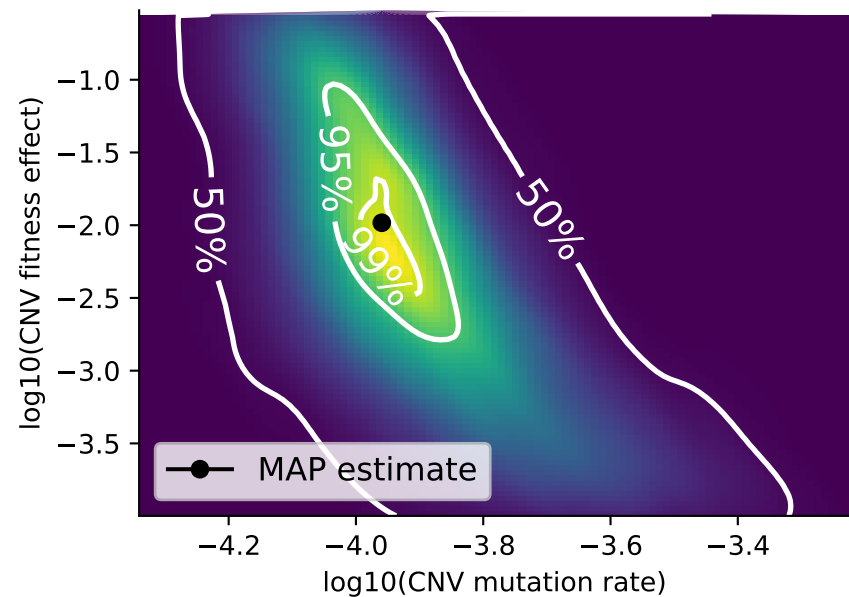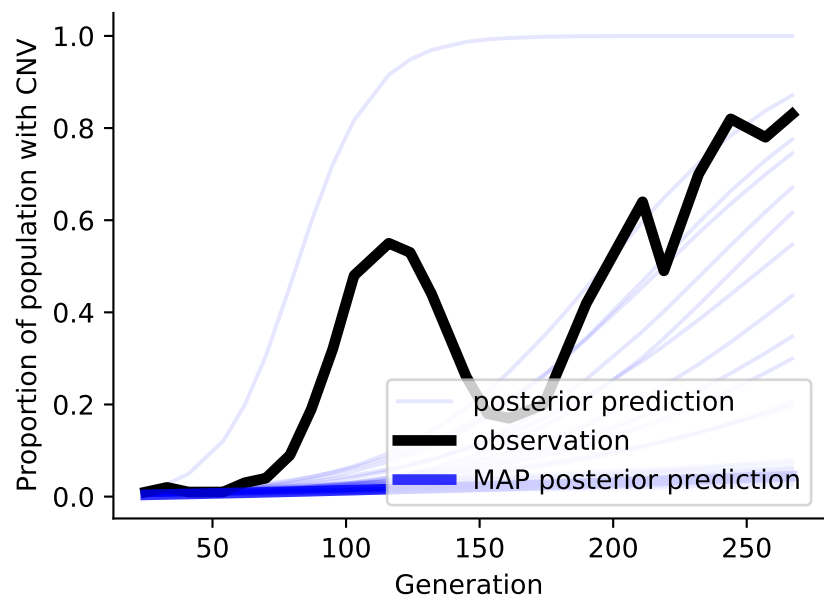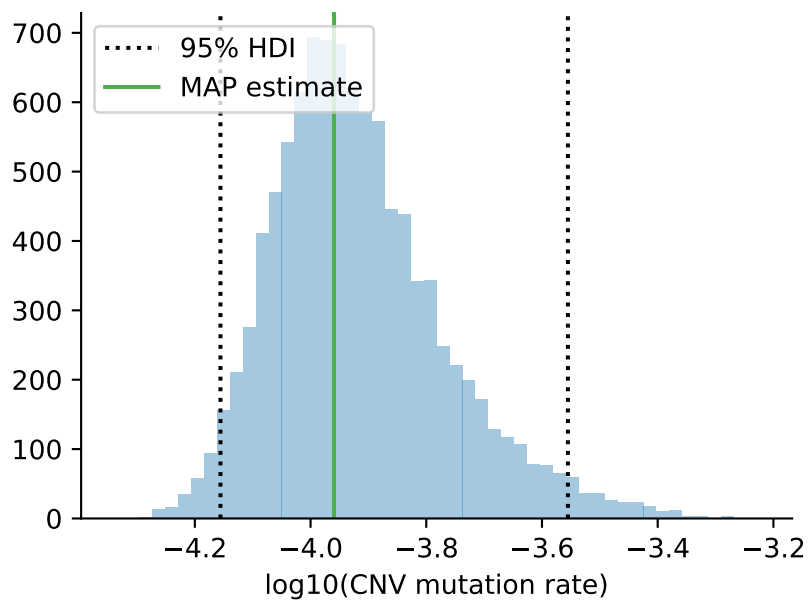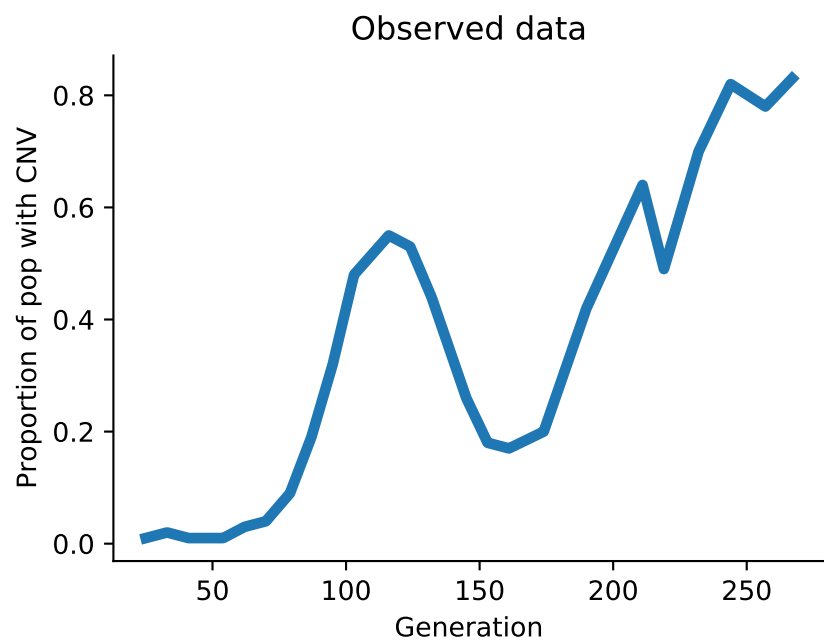SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv

SNPE
Model: Chemo
Gln pop id: 3
log10(estimatedCNV fitness effect): -1.9251019954681396
log10(estimated CNV mutation rate): -3.9159164428710938
SNV fitness:0.001
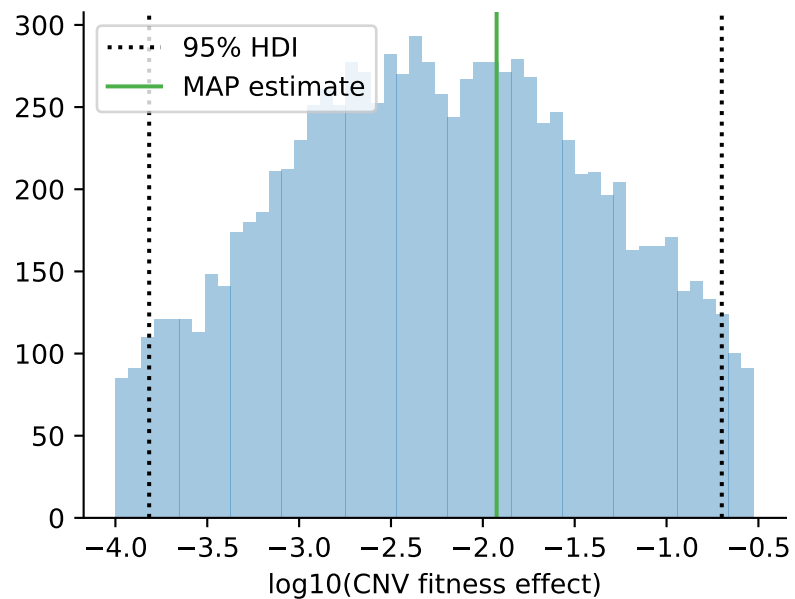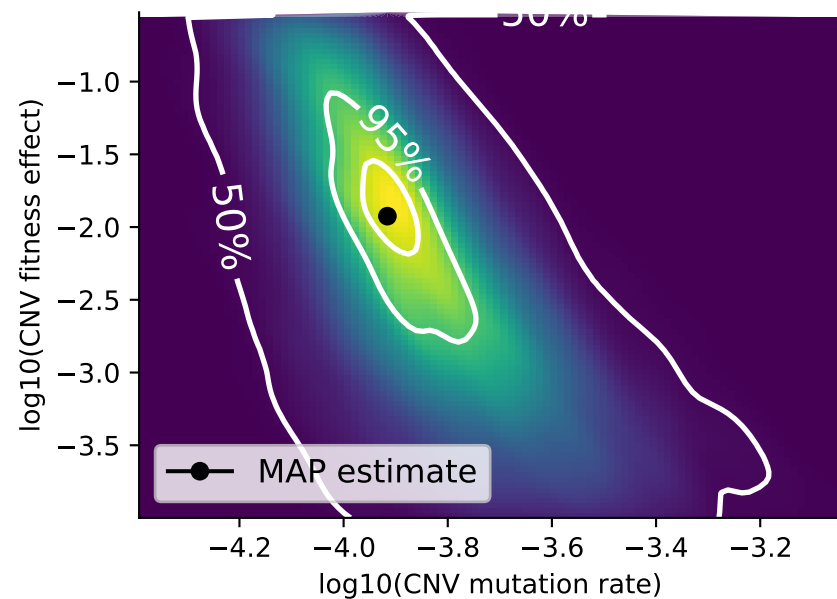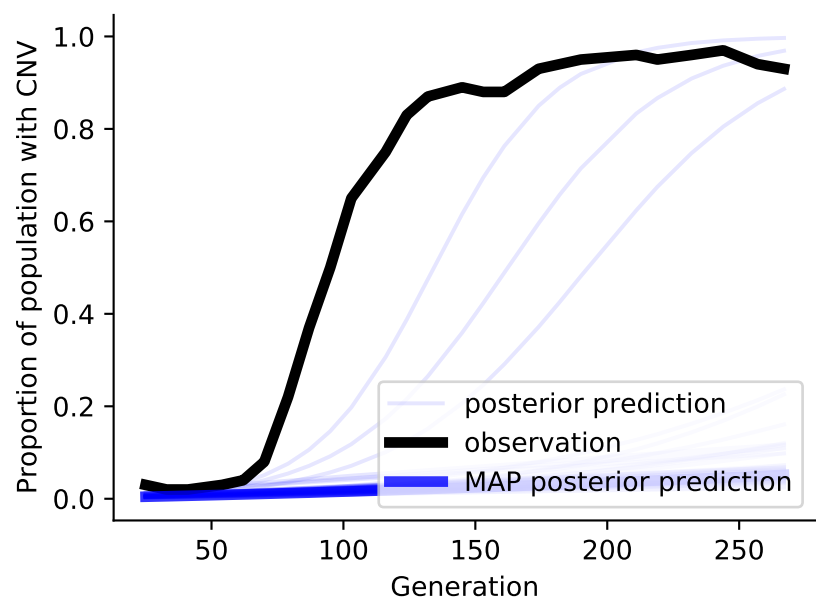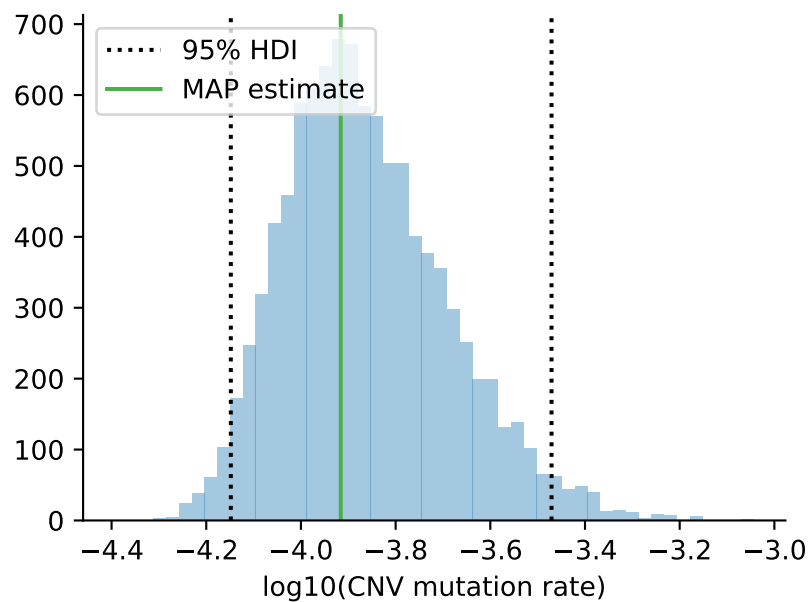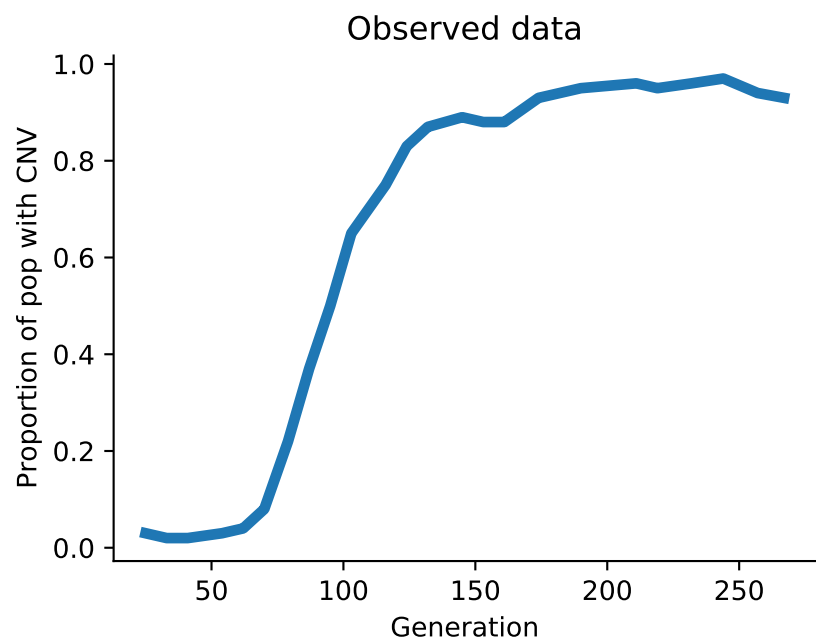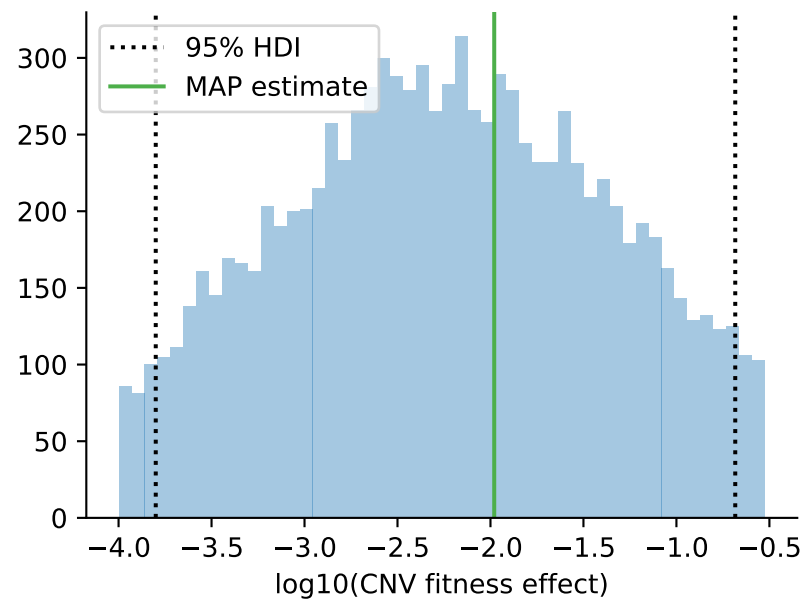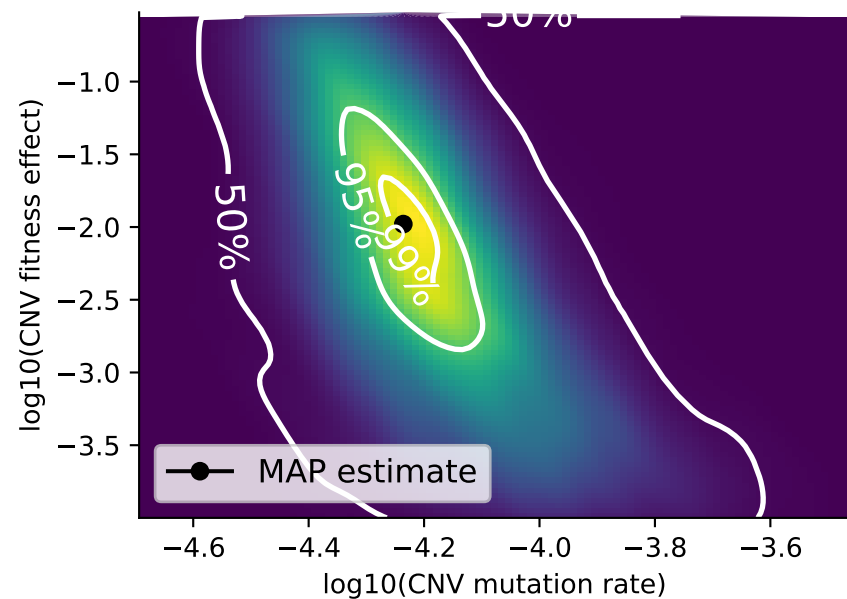SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv

SNPE
Model: Chemo
Gln pop id: 1
log10(estimatedCNV fitness effect): -1.9798064231872559
log10(estimated CNV mutation rate): -4.235983848571777
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv
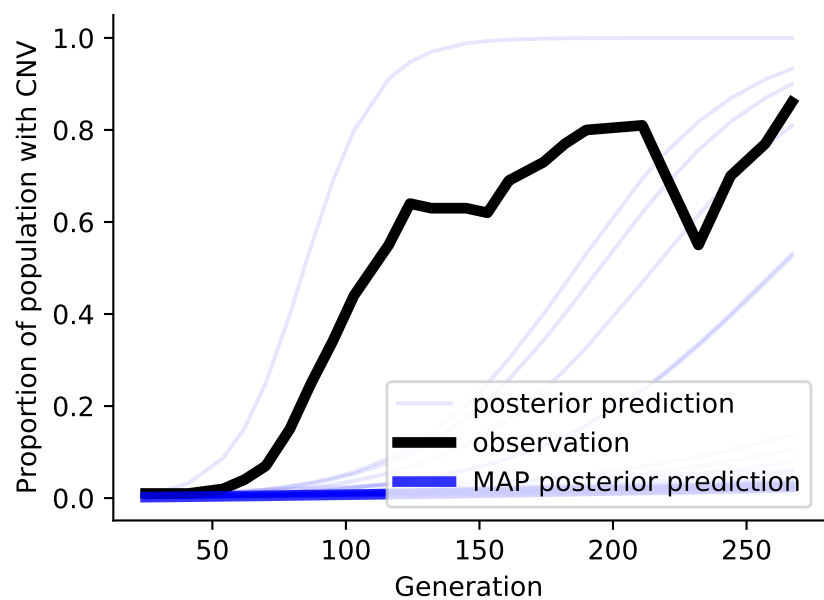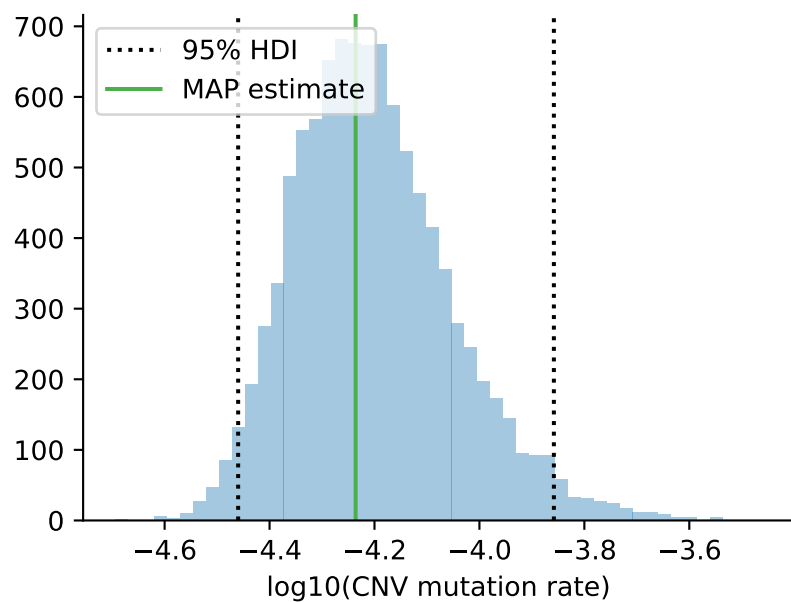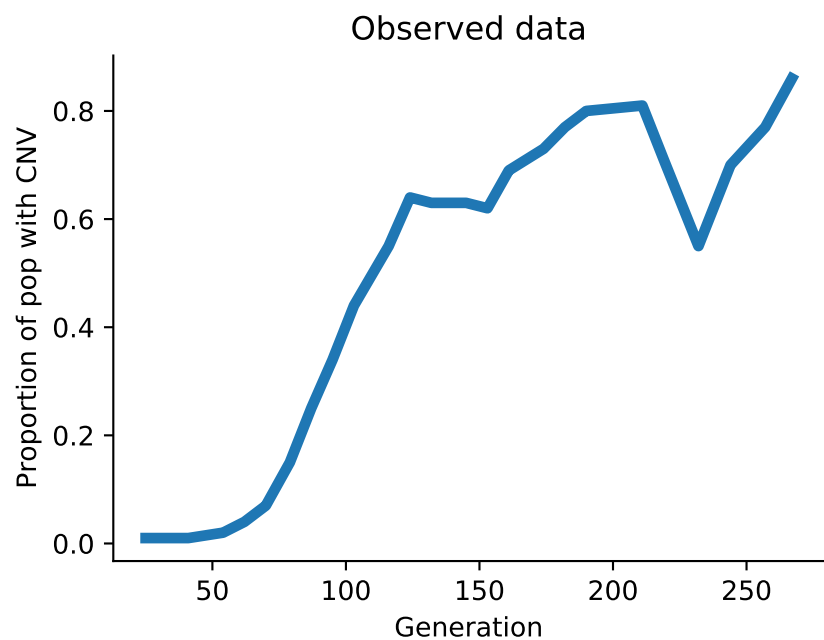
SNPE
Model: Chemo
Gln pop id: 2
log10(estimatedCNV fitness effect): -2.0005760192871094
log10(estimated CNV mutation rate): -4.123551845550537
SNV fitness:0.001
SNV mutation rate:1e-05
Chemo_presimulated_data_1000_1.csv