Observed data 1.0 Proportion of pop with CNV 0.8 **SNPE** Model: WF 0.6 Gln pop id: 4 log10(estimatedCNV fitness effect): -1.3544573783874512 log10(estimated CNV mutation rate): -3.582005500793457 SNV fitness:0.001 0.4 SNV mutation rate:1e-05 WF presimulated data 1000 3.csv 0.2 0.0 50 100 250 150 200 Generation 1.0 95% HDI Proportion of population with CNV MAP estimate 8.0 0.6 0.4 posterior prediction 0.2 observation MAP posterior prediction 0.0 50 100 -4.2 -4.0 -3.8 -3.6 -3.4-3.2 -3.0150 200 250 Generation log10(CNV mutation rate) 95% HDI 600 MAP estimate 500 400 300 200 100

-1.8

-2.0

-1.6 -1.4 -1.2 -1.0

log10(CNV fitness effect)

-0.8

600

500

400

300

200

100

-0.8

-1.0 -

-1.2

-1.4

-1.6

-1.8

-2.0

MAP estimate

-4.0

-4.2

-4.4

-3.8

log10(CNV mutation rate)

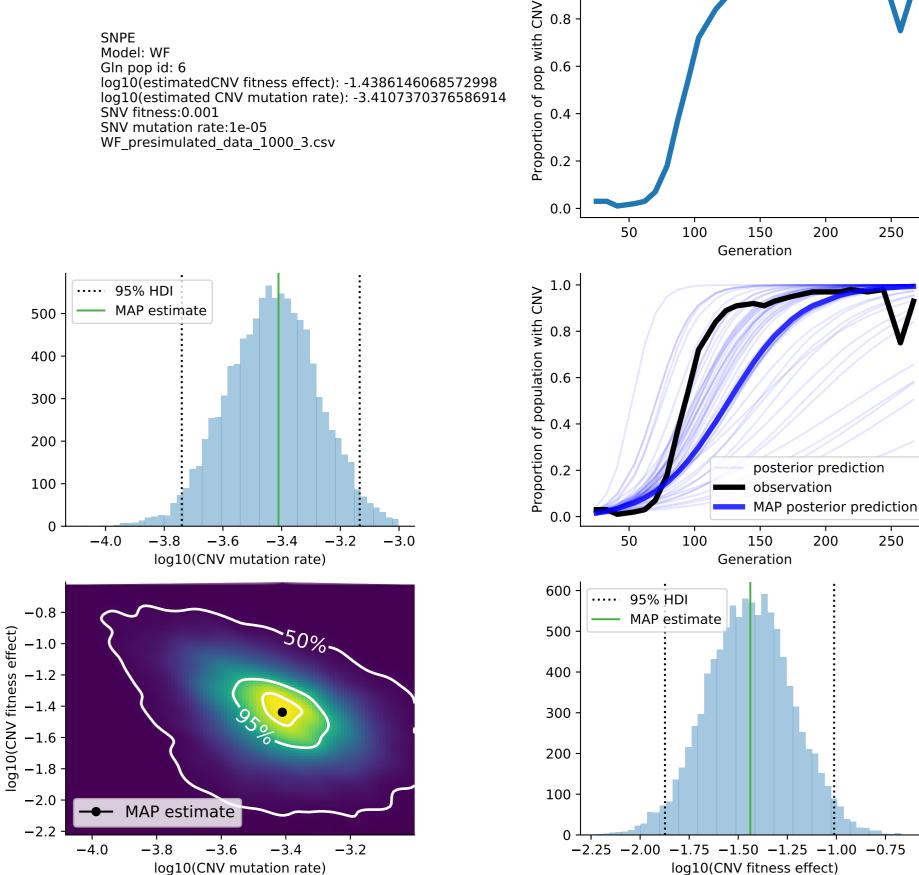
-3.6

-3.4

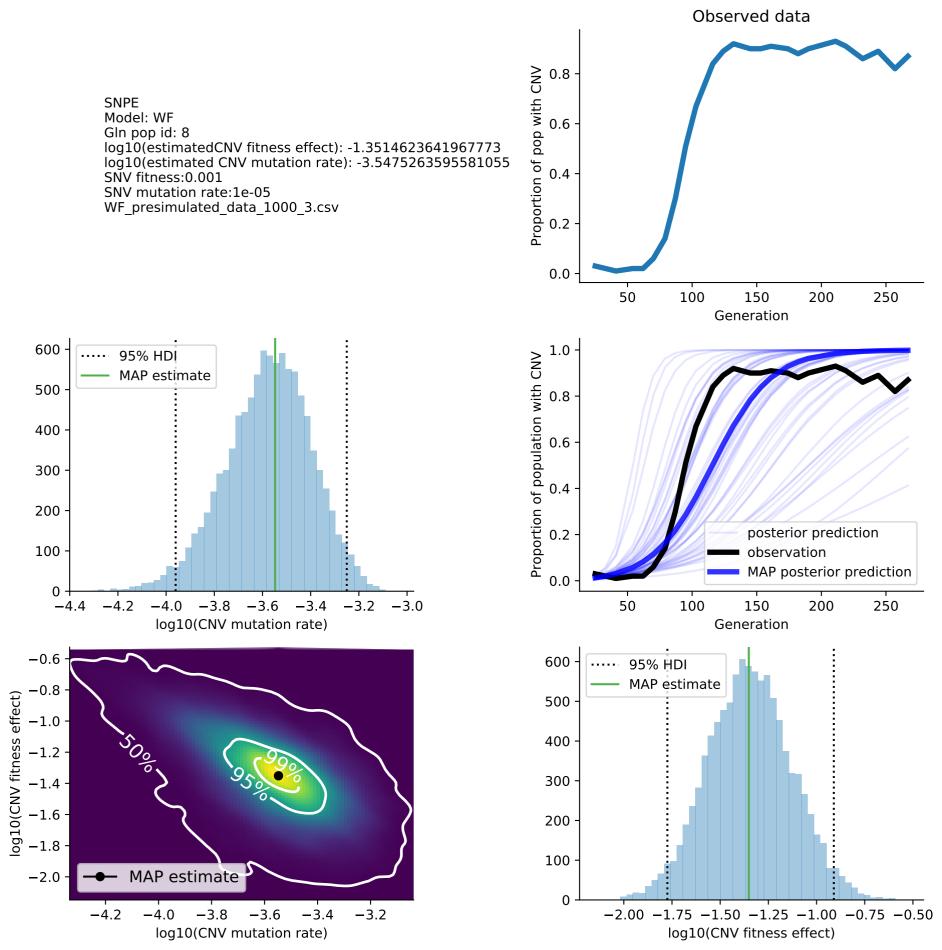
log10(CNV fitness effect)

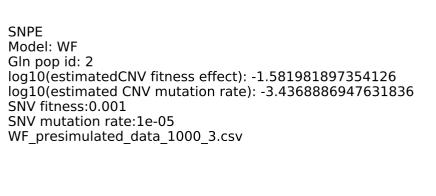
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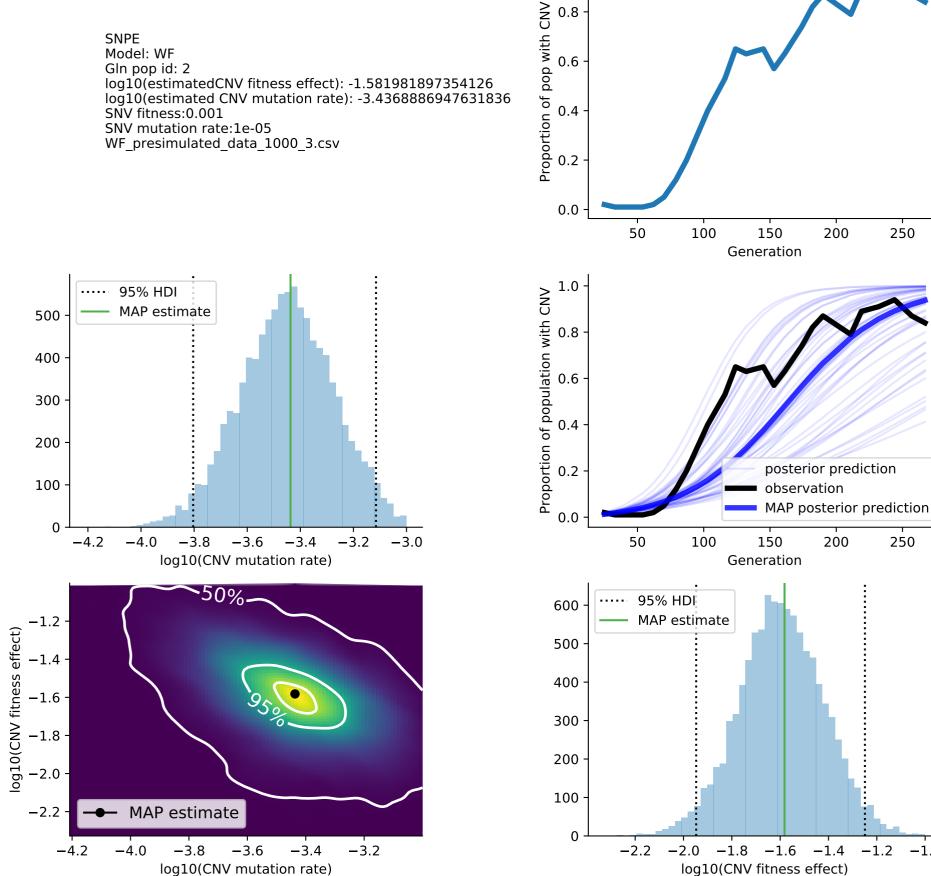
**SNPE** Model: WF Gln pop id: 6 log10(estimatedCNV fitness effect): -1.4386146068572998 log10(estimated CNV mutation rate): -3.4107370376586914 SNV fitness:0.001 SNV mutation rate:1e-05 WF presimulated data 1000 3.csv



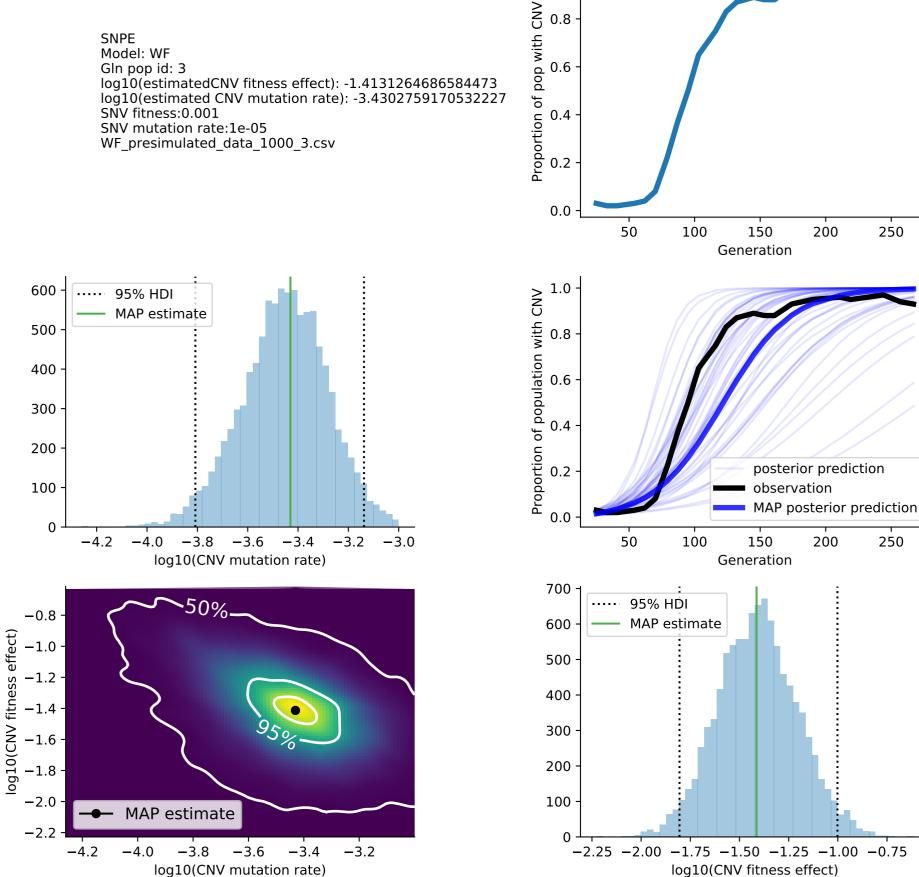
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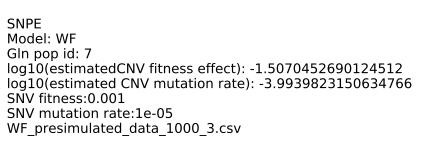


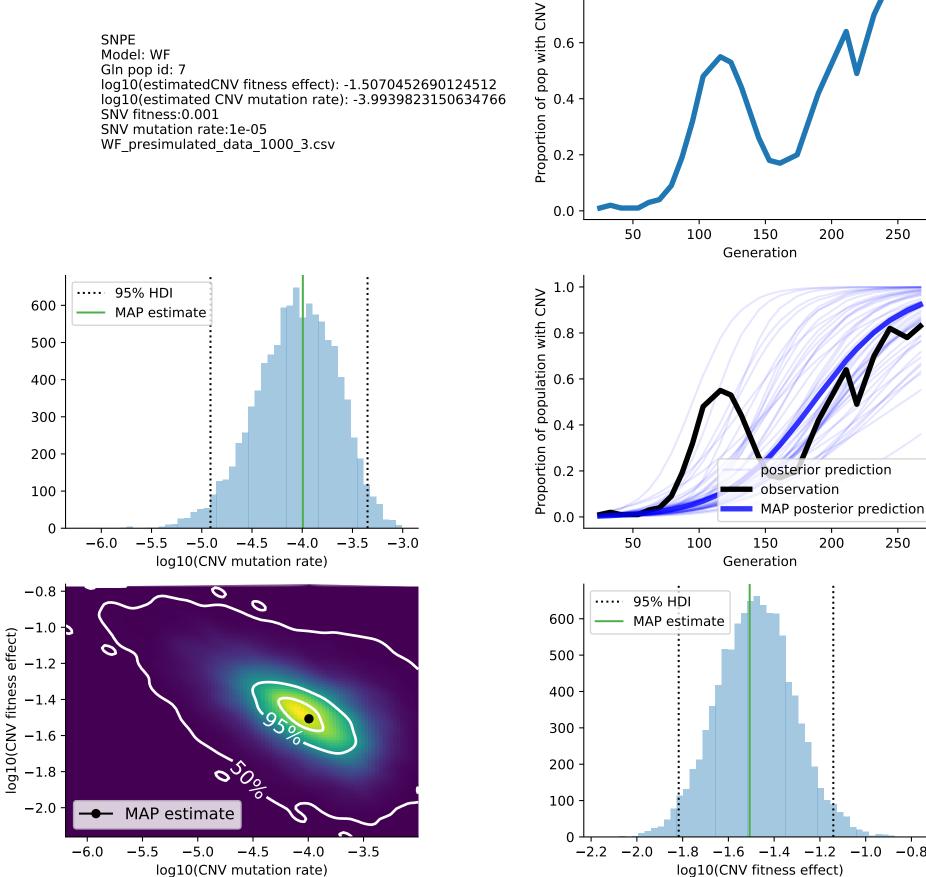


**SNPE** Model: WF Gln pop id: 3 log10(estimatedCNV fitness effect): -1.4131264686584473 log10(estimated CNV mutation rate): -3.4302759170532227 SNV fitness:0.001 SNV mutation rate:1e-05 WF\_presimulated\_data\_1000\_3.csv

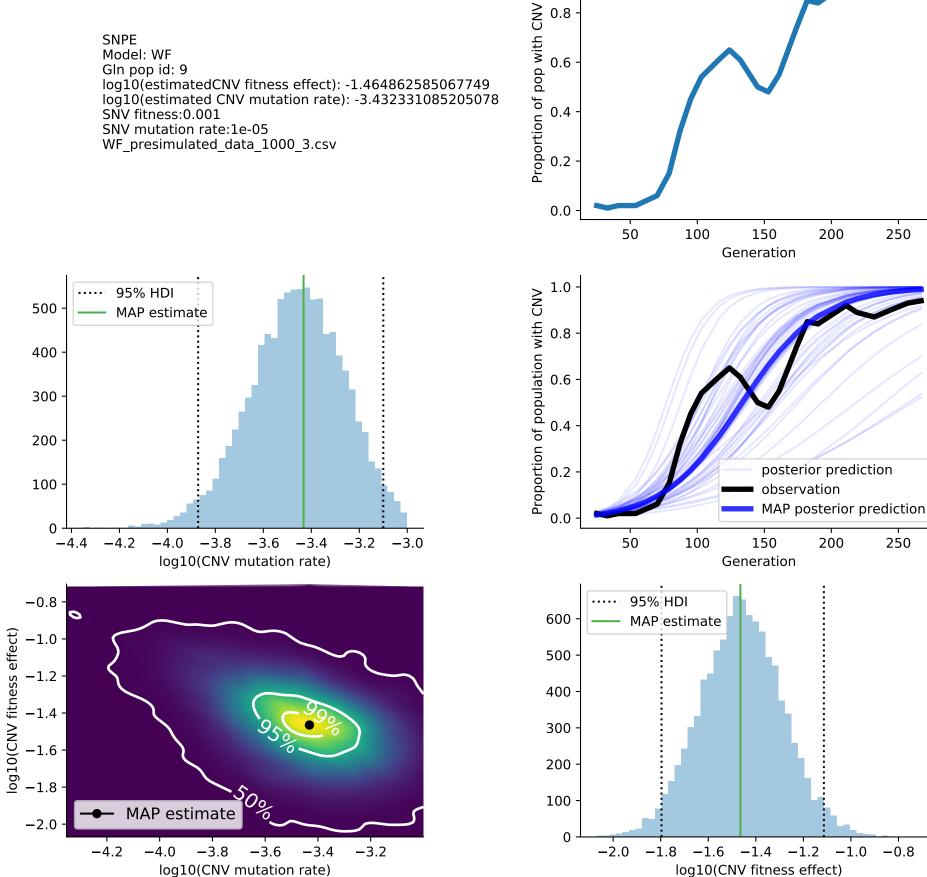


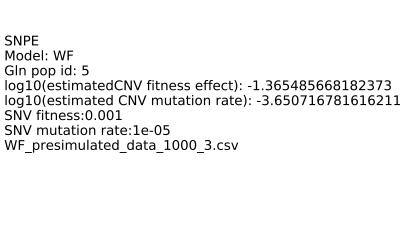
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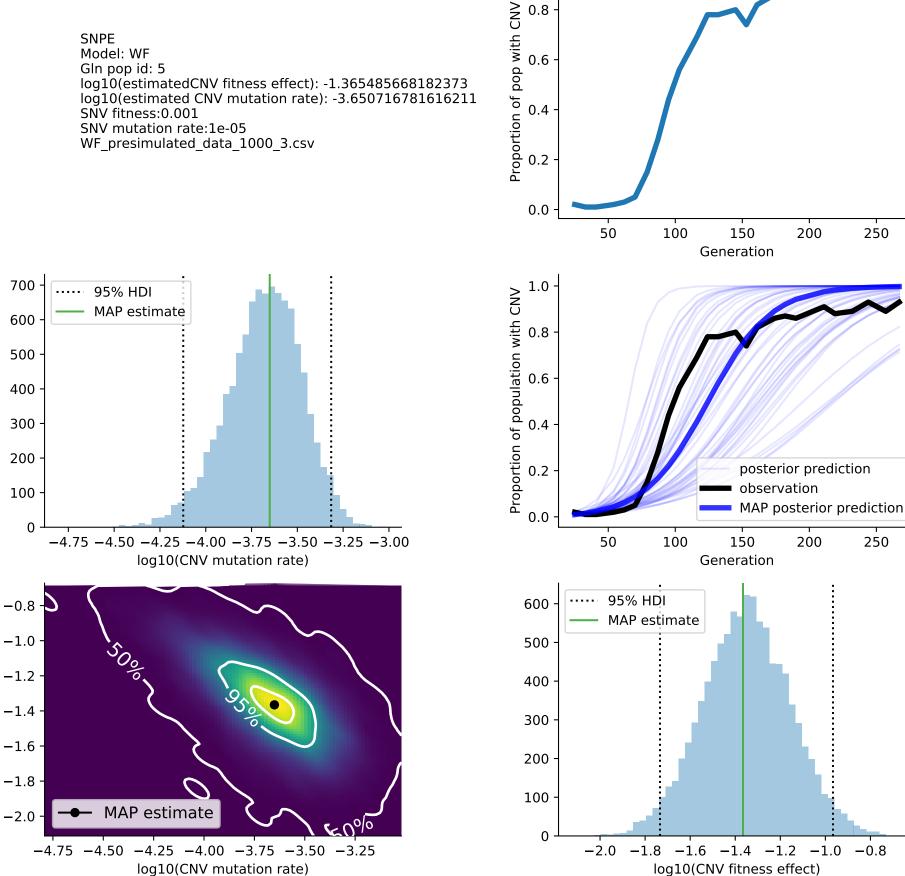


SNPE Model: WF Gln pop id: 9 log10(estimatedCNV fitness effect): -1.464862585067749 log10(estimated CNV mutation rate): -3.432331085205078 SNV fitness:0.001 SNV mutation rate:1e-05 WF presimulated data 1000 3.csv





log10(CNV fitness effect)



0.8

