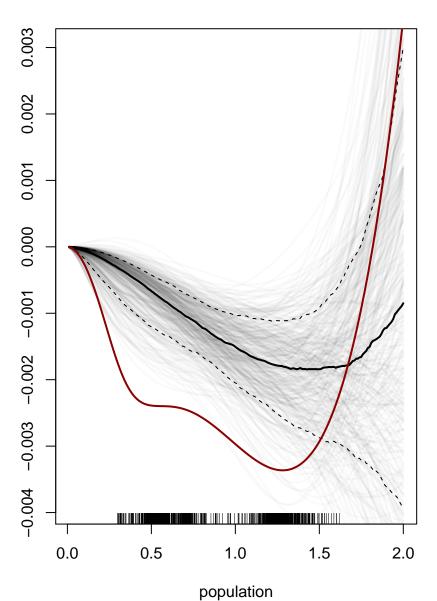
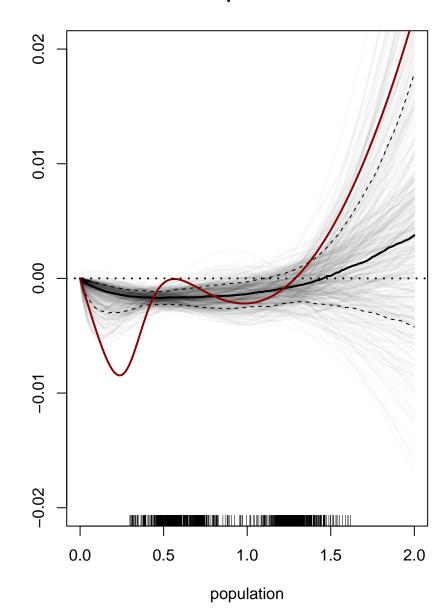
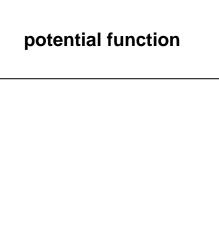


derivative of potential function







0.03

0.02

0.01

0.00

-0.01

0.0

0.5

1.0

population

1.5

2.0

derivative of potential function

