a) Individual Treatment Effects

Partitioned using regression analysis, assuming effects are additive

Recovery action(s): reducewolves, feed, pen, reducemoose, sterilizewolves

Change in rate of increase
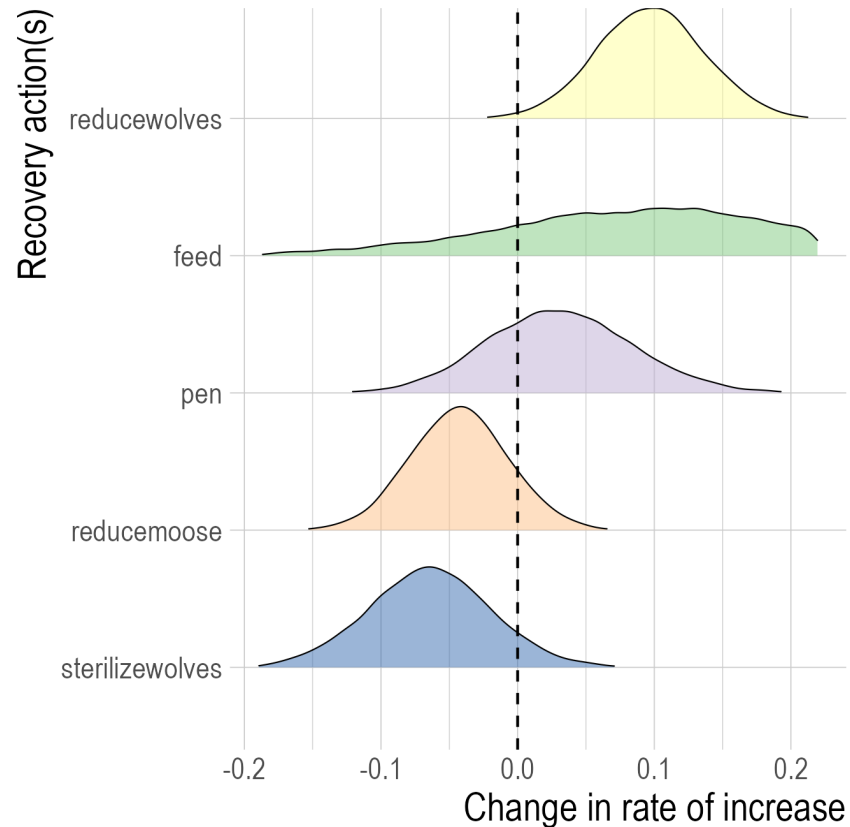
b) Simulated Options to Avert Caribou Extirpation

Labels = treatment (% samples increased, % samples extirpated, 90% end abundance interval)

reducewolves+feed (90, 3, 28-615)
Similar outcomes, more uncertainty in feeding effectiveness
reducewolves+pen (81, 1, 31-184)
reducewolves (66, 2, 24-127)
feed (59, 18, 7-360)
pen (18, 30, 11-73)
reference (0, 42, 13-33)
reducemoose (0, 80, 7-29)
sterilizewolves (0, 88, 5-25)

High probability of increase, low probability of extirpation

Low probability of increase, high probability of extirpation

Status quo

Functionally extirpated

Abundance

Years since intervention