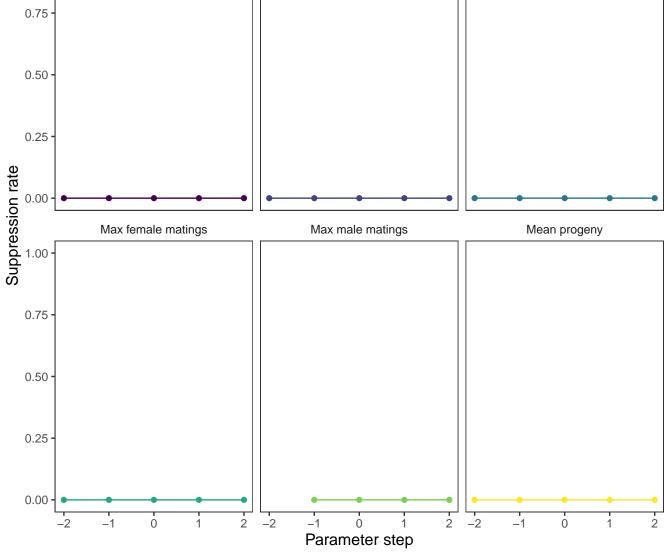
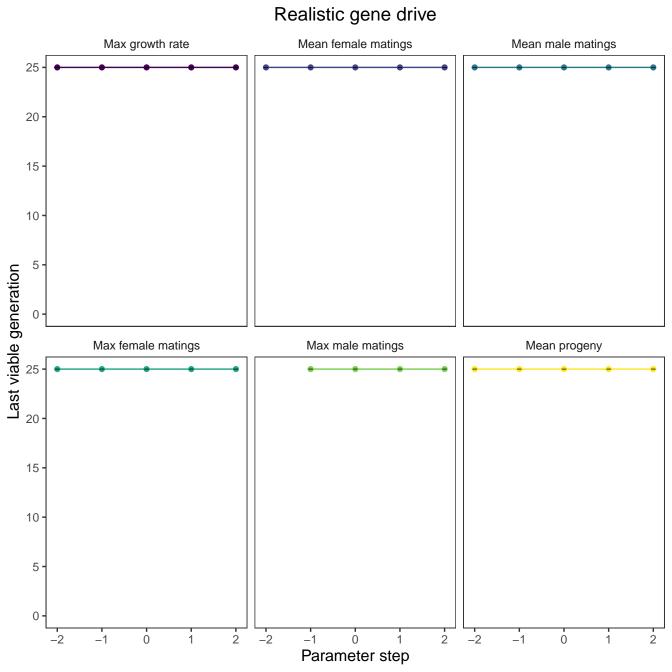
Realistic gene drive Max growth rate Mean female matings Mean male matings 1.00 -0.75 -0.50 0.25





Optimal gene drive Max growth rate Mean female matings Mean male matings 1.00 -0.75 0.50 0.25 Suppression rate 0.00 Max female matings Max male matings Mean progeny 1.00 0.75 0.50 -0.25 0.00 -2 -2 2 <u>-2</u> _1 Ö <u>-1</u> Ö 2 <u>-1</u> Ö 1 Parameter step

Optimal gene drive Max growth rate Mean female matings Mean male matings 25 -20 15 10 -Last viable generation Max female matings Max male matings Mean progeny 25 -15 -10 5 · 0 -2 <u>-2</u> <u>-1</u> Ö 2 Ö 2 -2 Ö

Parameter step

