**Appendix S3.** Maxent response curves.

**1.** **Visual reduced model**

A blue and red line graph

Description automatically generatedA blue and red graph

Description automatically generatedA blue and red line graph

Description automatically generated

A diagram of elevation

Description automatically generatedA graph showing a curve

Description automatically generatedA blue and red line graph

Description automatically generated

**2. Visual combined model**

A blue and red graph

Description automatically generatedA blue and red line graph

Description automatically generatedA blue line with red line

Description automatically generated

A graph showing elevation and elevation

Description automatically generatedA graph showing a blue line

Description automatically generated with medium confidenceA graph showing a blue line

Description automatically generated

A graph showing a blue line

Description automatically generatedA diagram of a blue and red line

Description automatically generatedA graph showing a slope

Description automatically generated

A diagram of soil with a red line

Description automatically generated

**3. Acoustic reduced model**

A blue and red graph

Description automatically generatedA blue and red graph

Description automatically generatedA blue and red line graph

Description automatically generated

A graph showing elevation

Description automatically generatedA diagram of soil with a red line

Description automatically generated

**4. Acoustic combined model**

A blue and red graph

Description automatically generatedA graph showing a blue line

Description automatically generatedA blue and red graph

Description automatically generated

A blue line with red lines

Description automatically generatedA graph of a graph showing a number of numbers

Description automatically generated with medium confidenceA diagram of a graph

Description automatically generated

A graph showing a blue line

Description automatically generatedA blue and red line graph

Description automatically generated