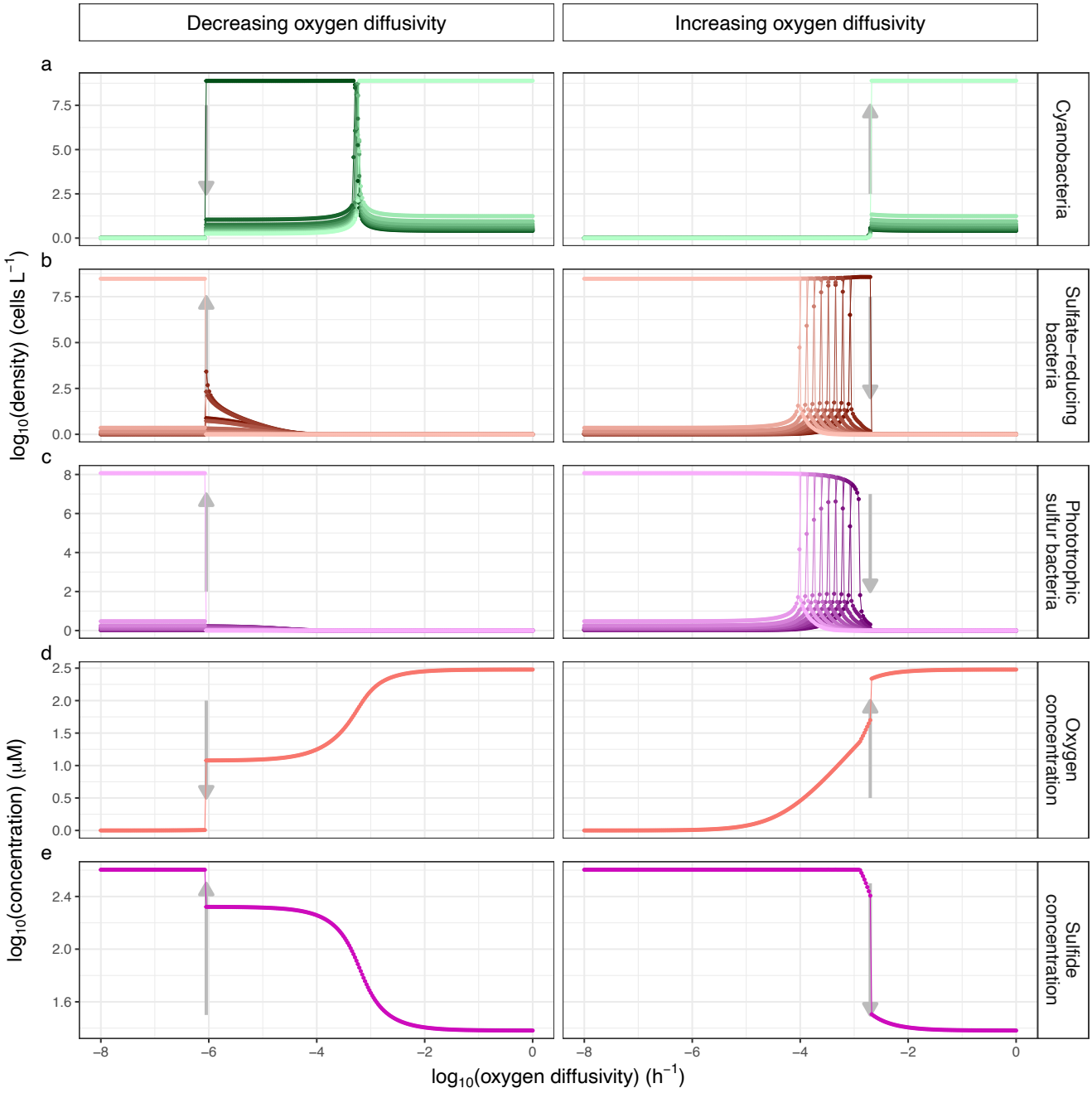
Decreasing oxygen diffusivity
Increasing oxygen diffusivity
a
b
c
d
e
Cyanobacteria
Sulfate–reducing bacteria
Phototrophic sulfur bacteria
Oxygen concentration
Sulfide concentration
log10(density) (cells L−1)
log10(concentration) (μM)
log10(oxygen diffusivity) (h−1)

Figure 4