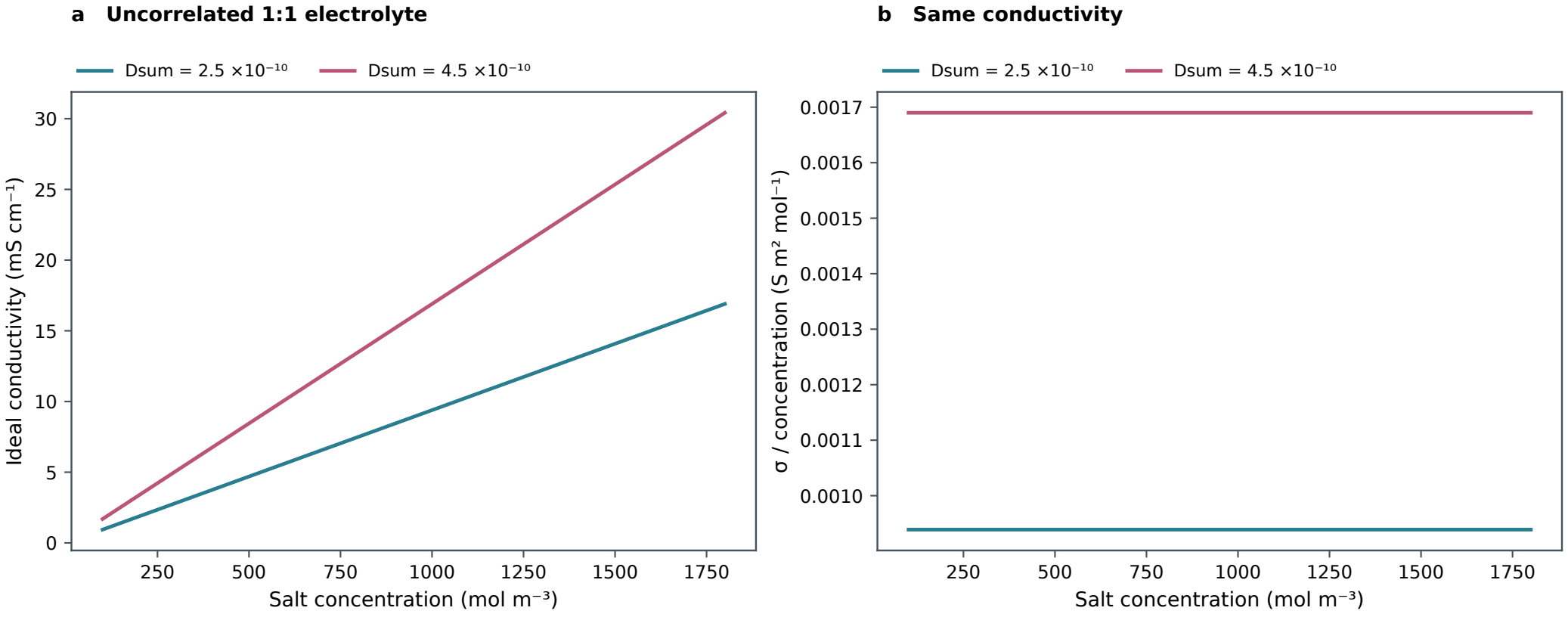

a Uncorrelated 1:1 electrolyte
Dsum = 2.5 ×10⁻¹⁰
Dsum = 4.5 ×10⁻¹⁰
Ideal conductivity (mS cm⁻¹)
0
5
10
15
20
25
30
250
500
750
1000
1250
1500
1750
Salt concentration (mol m⁻³)
b Same conductivity
Dsum = 2.5 ×10⁻¹⁰
Dsum = 4.5 ×10⁻¹⁰
σ / concentration (S m² mol⁻¹)
0.0010
0.0011
0.0012
0.0013
0.0014
0.0015
0.0016
0.0017
250
500
750
1000
1250
1500
1750
Salt concentration (mol m⁻³)