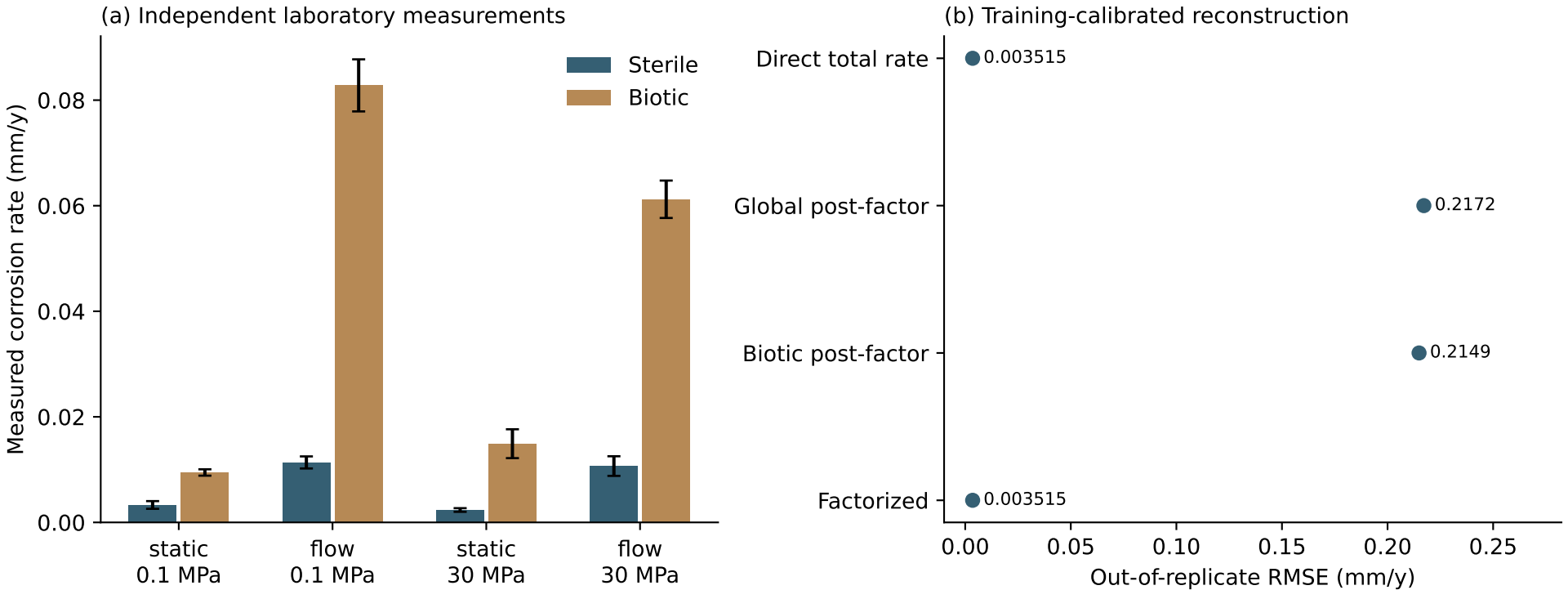

(a) Independent laboratory measurements
Measured corrosion rate (mm/y)
0.00
0.02
0.04
0.06
0.08
Sterile
Biotic
static
0.1 MPa
flow
0.1 MPa
static
30 MPa
flow
30 MPa
(b) Training-calibrated reconstruction
Direct total rate
Global post-factor
Biotic post-factor
Factorized
0.003515
0.2172
0.2149
0.003515
0.00
0.05
0.10
0.15
0.20
0.25
Out-of-replicate RMSE (mm/y)