

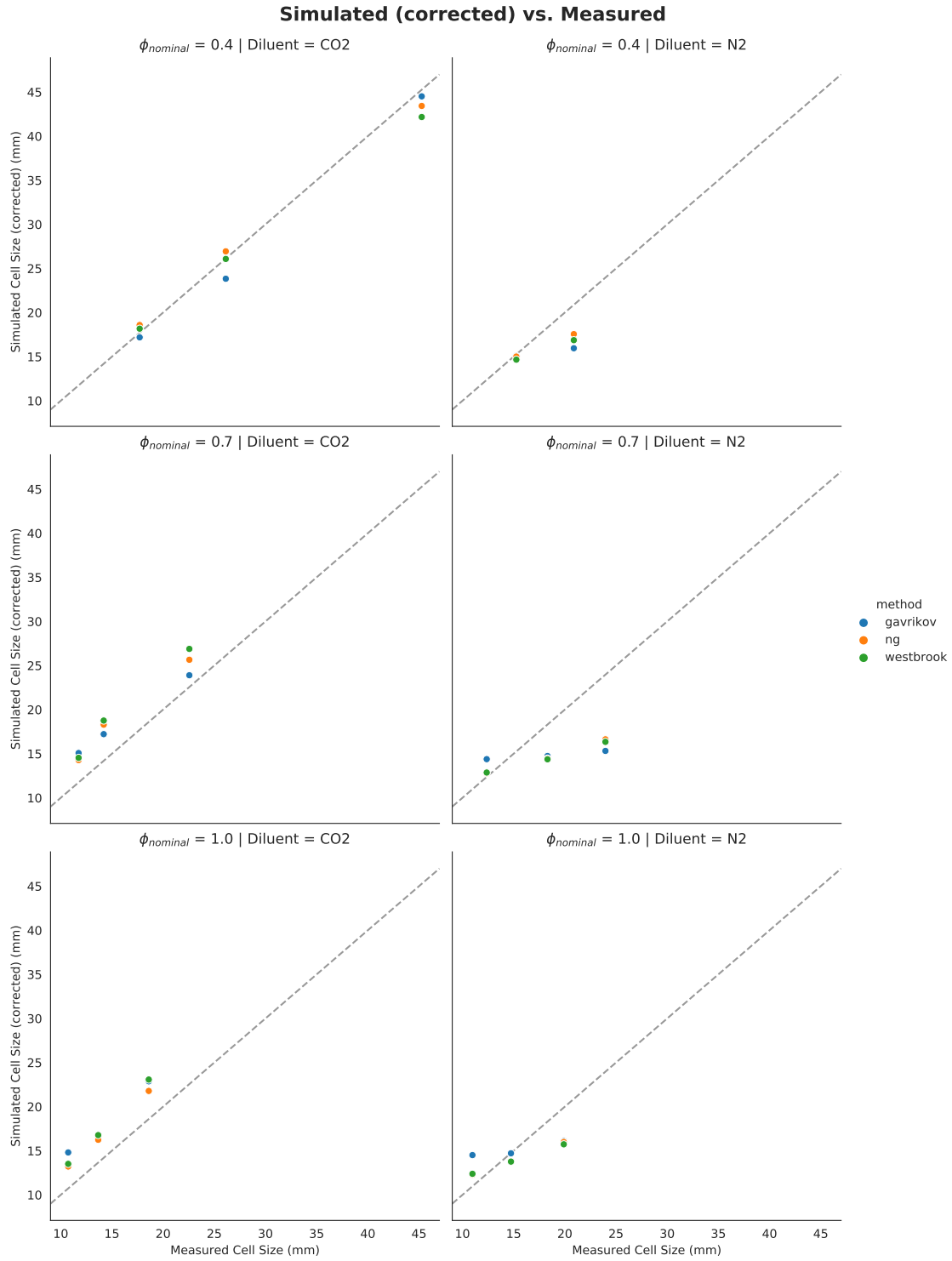
Comparison of Measured and Simulated Cell Sizes

Mick Carter

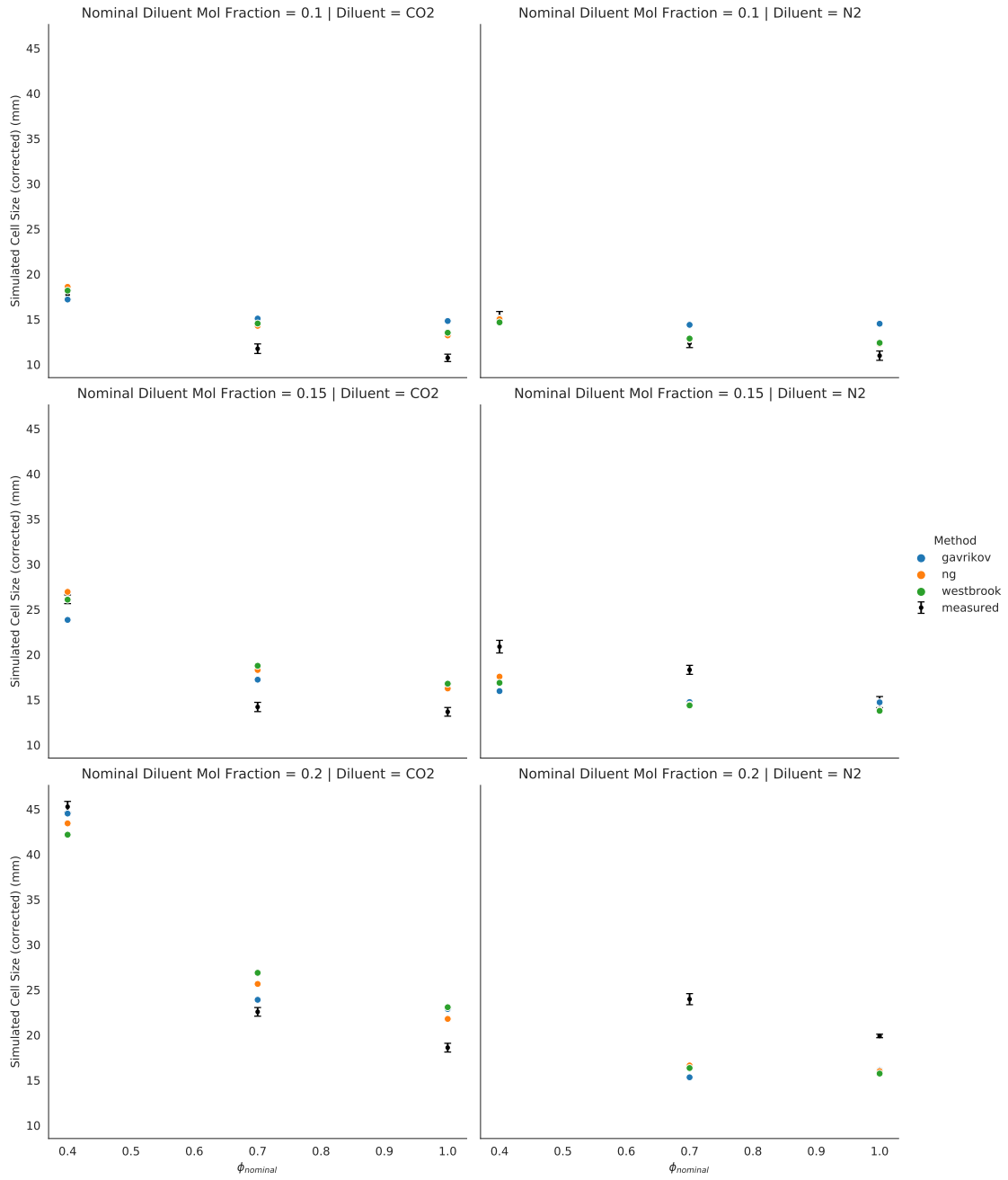
August 28, 2022

1 Simulated vs. Measured Cell Sizes

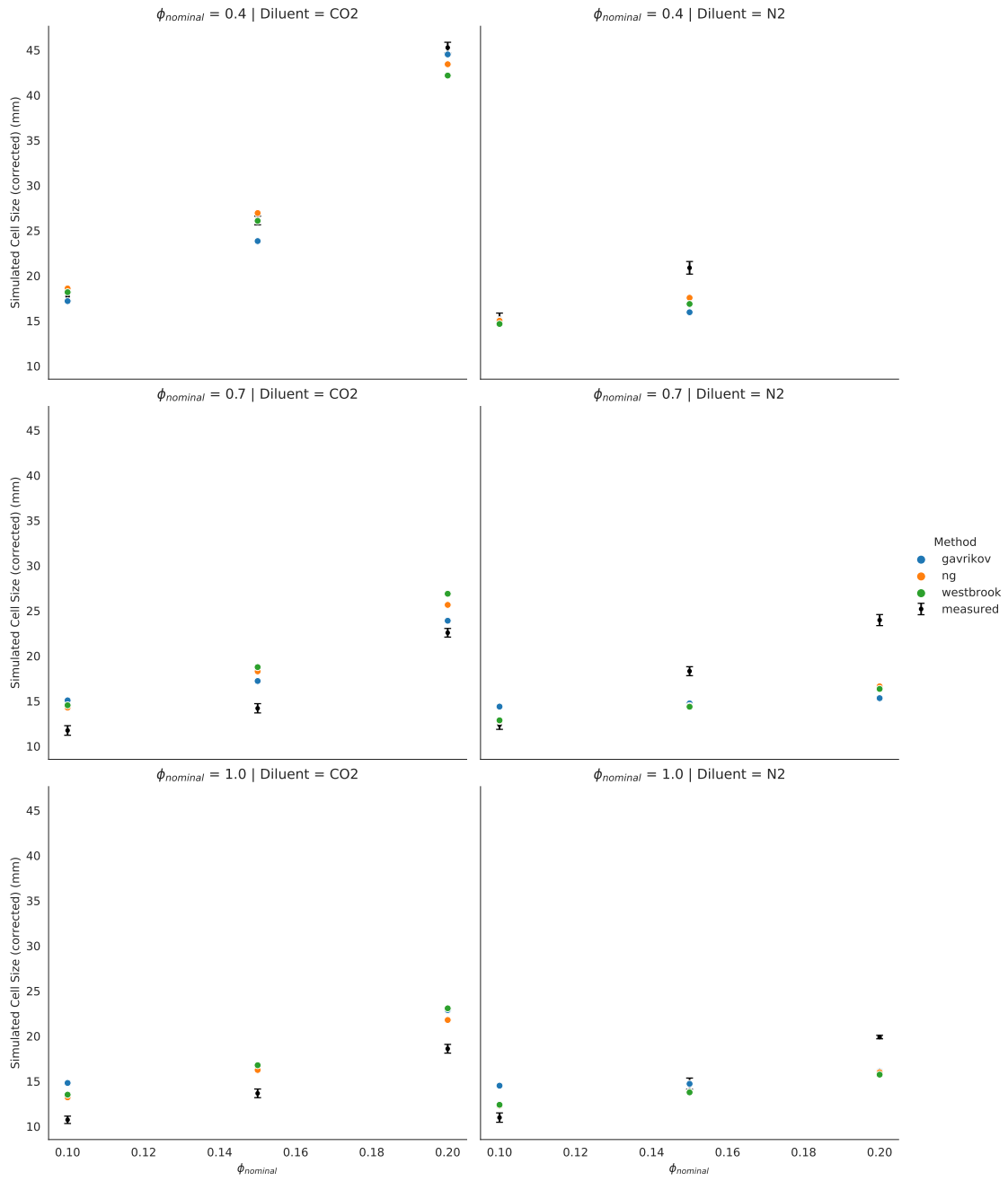
1.1 Grouped by conditions



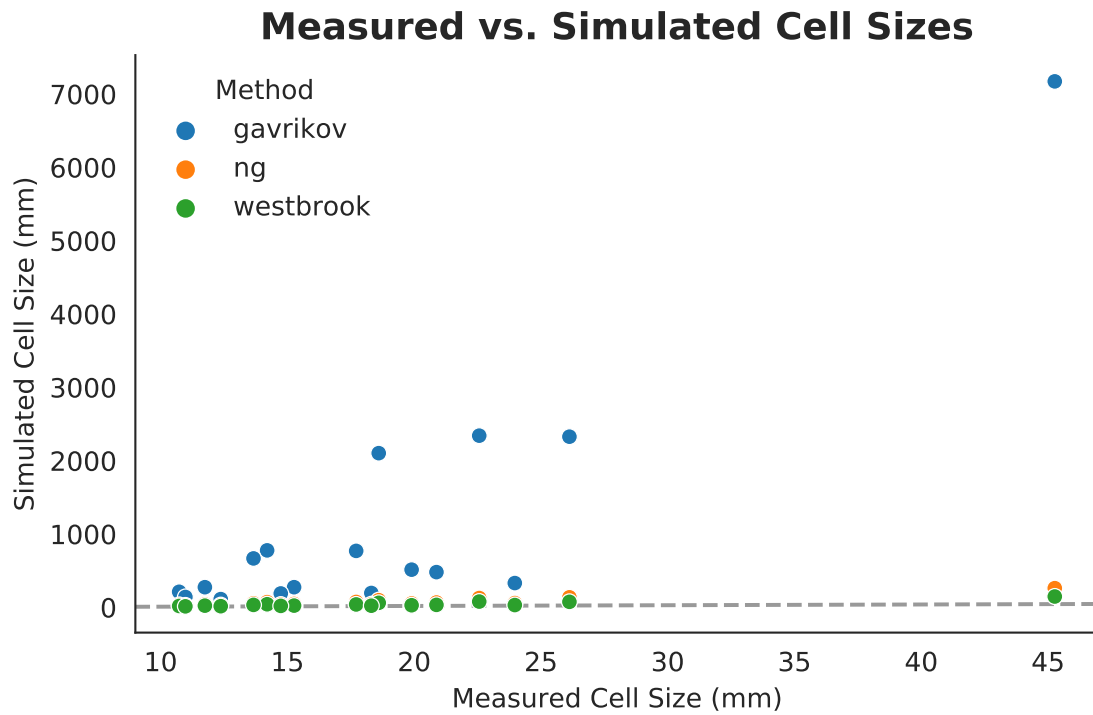
Simulated (corrected) vs. Equivalence Ratio



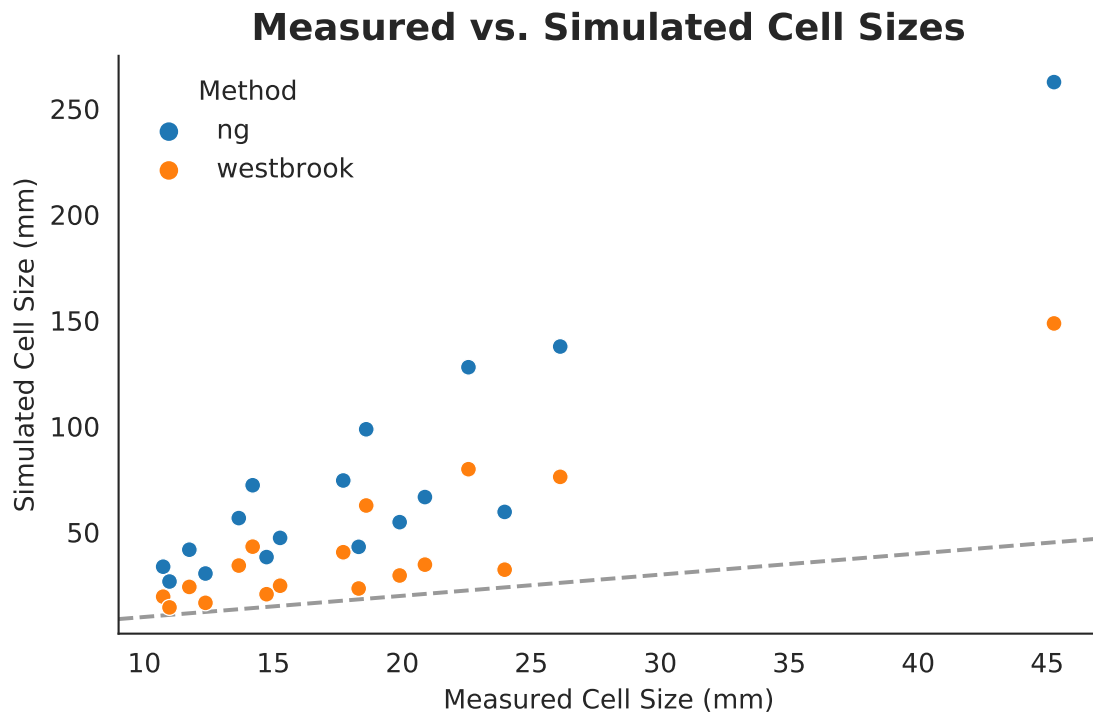
Simulated (corrected) vs. Diluent Mole Fraction

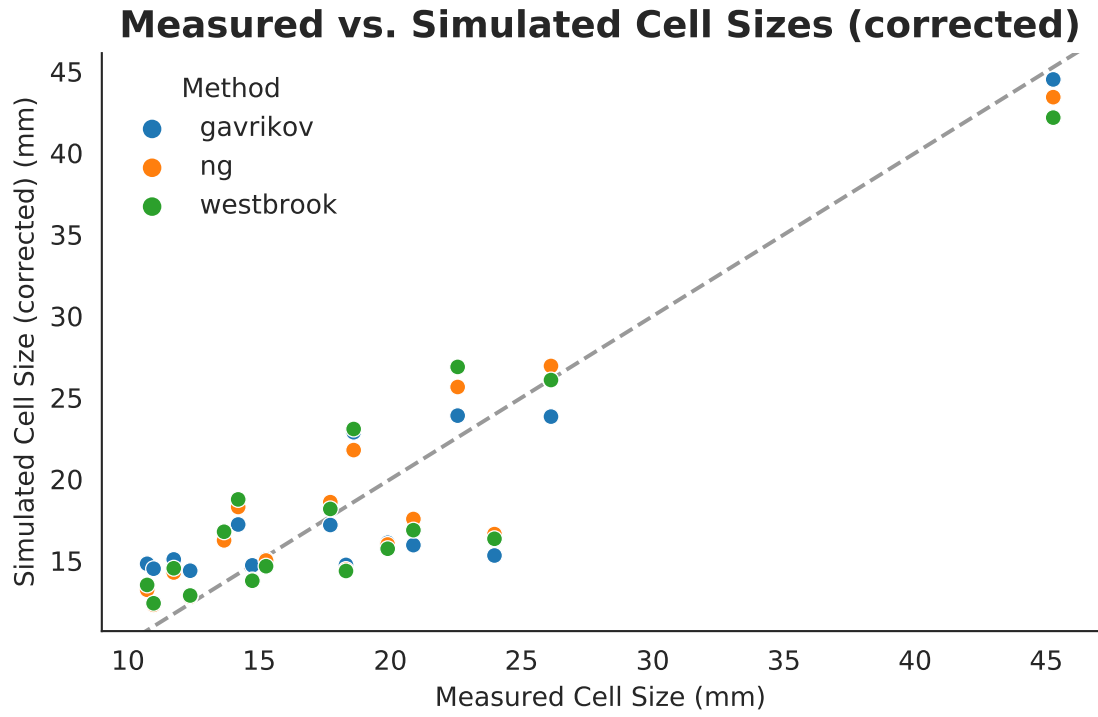


1.2 Not grouped by conditions



Remove Gavrikov cell size from the plot due to scale





1.3 Regressions

method	slope	intercept	R^2	p	std err
gavrikov	0.0042673	13.9027	0.803414	1.12144e-06	0.000545023
ng	0.131985	8.7648	0.855494	1.08513e-07	0.014006
westbrook	0.222057	9.16559	0.812847	7.71646e-07	0.0275115