

Supplementary information:

Unified Regression Model of Binding Equilibria in Crowded Environments

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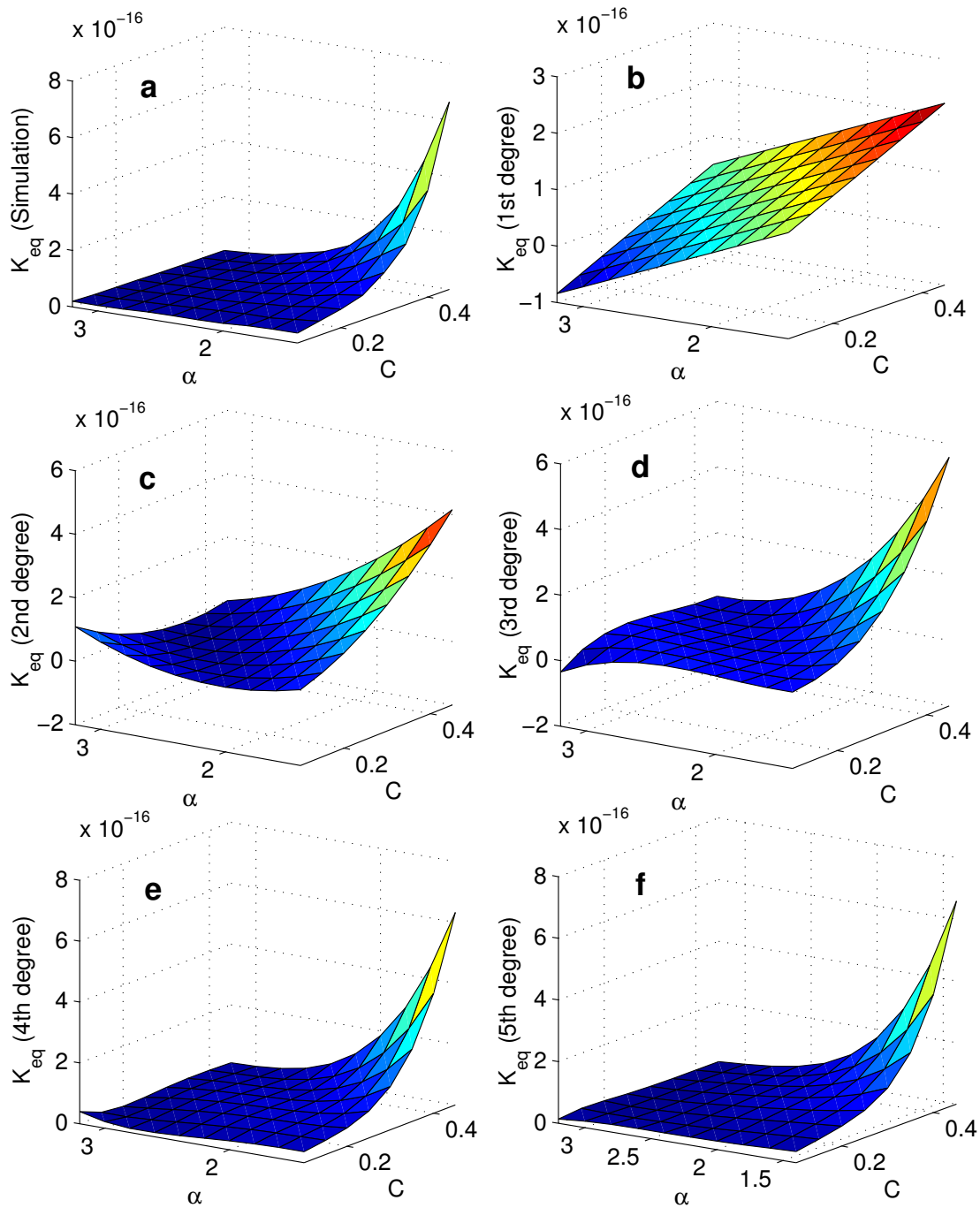


Figure S1| Surface plots of K_{eq} for pairwise parameter variations. (a-f): α and Concentration(C). **a**, average value from simulation data. **b**, 1st. **c**, 2nd. **d**, 3rd. **e**, 4th. **f**, 5th degree polynomial regression model fit to the data of part (a), respectively.

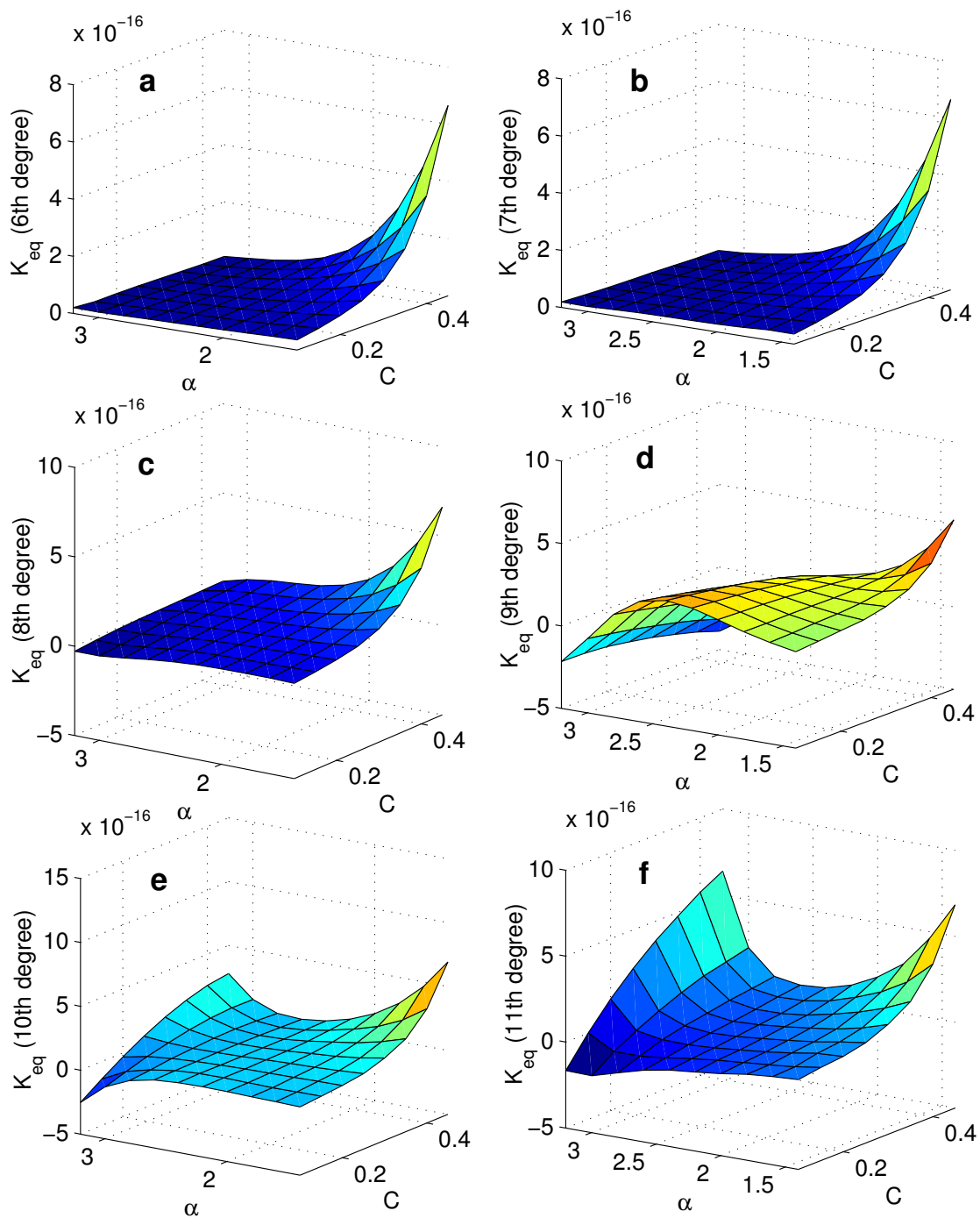


Figure S2l Surface plots of K_{eq} for pairwise parameter variations. (a-f): α and Concentration(C). a, 6th. b, 7th. c, 8th. d, 9th. e, 10th. f, 11th degree polynomial regression model fit to the data of part (Fig. S1a), respectively.

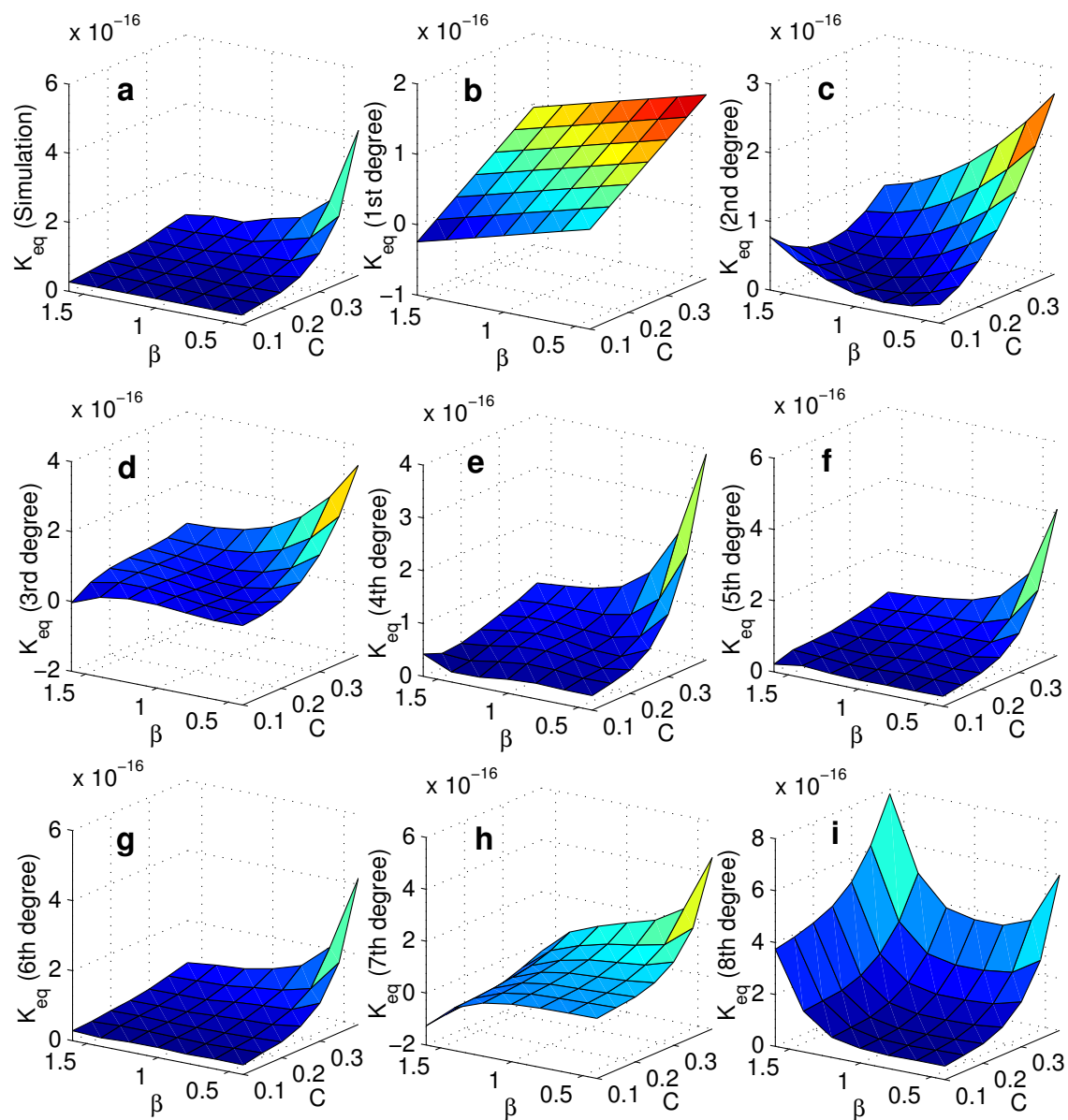


Figure S3I Surface plots of K_{eq} for pairwise parameter variations. (a-i): β and Concentration(C). **a**, average value from simulation data. **b**, 1st. **c**, 2nd. **d**, 3rd. **e**, 4th. **f**, 5th. **g**, 6th. **h**, 7th. **i**, 8th degree polynomial regression model fit to the data of part (a), respectively.