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Supplement of

Evaluation of the Community Multiscale Air Quality (CMAQ) model v5.0 against size-resolved measurements of inorganic particle composition across sites in North America

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Presented here are plots of the average modeled and measured size distributions for all 24 campaigns listed in Table 1 for each of the inorganic ions analyzed.

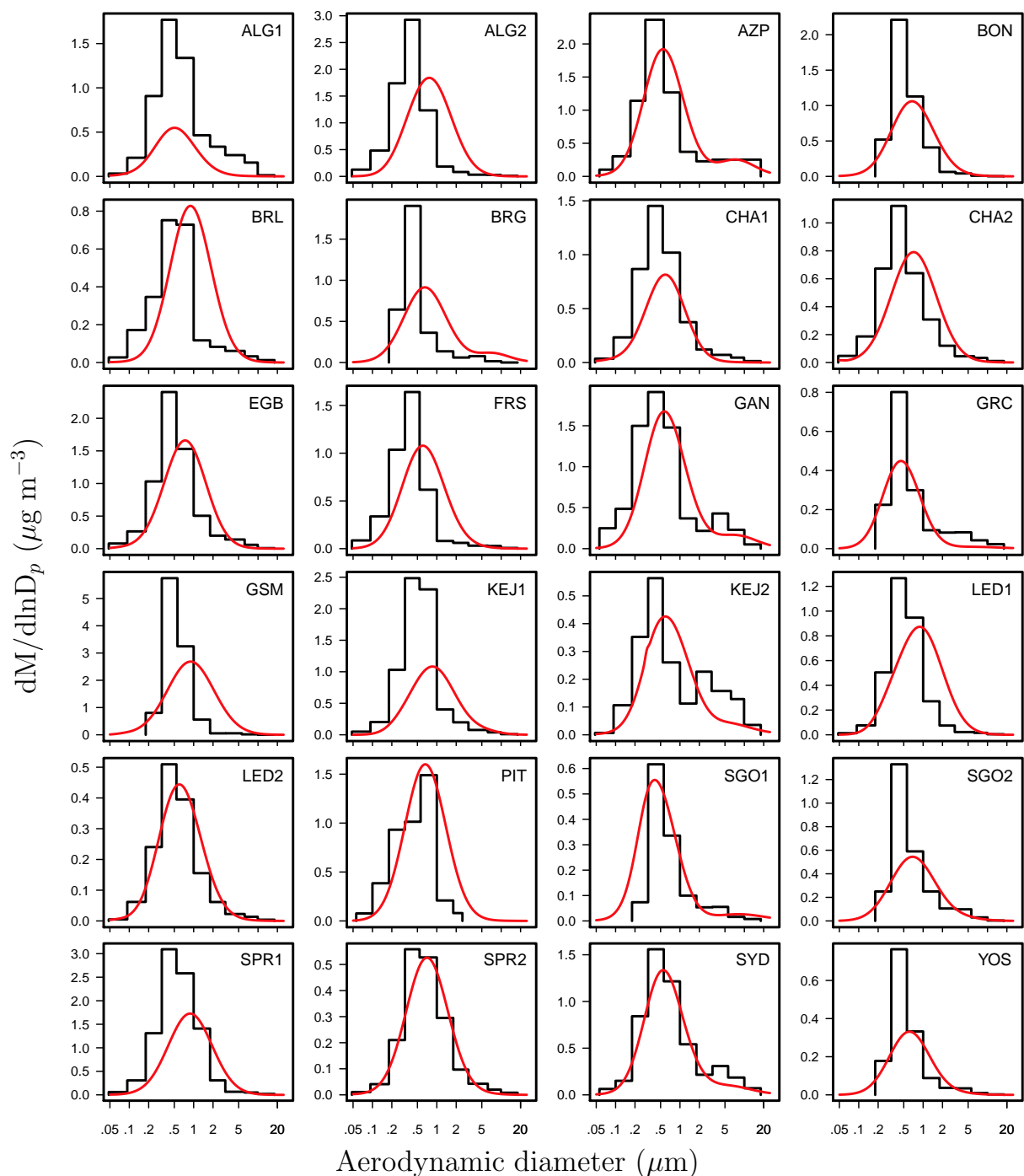


Figure S1: Average observed (black) and modeled (red) SO_4^{2-} size distributions across the 24 campaigns listed in Table 1.

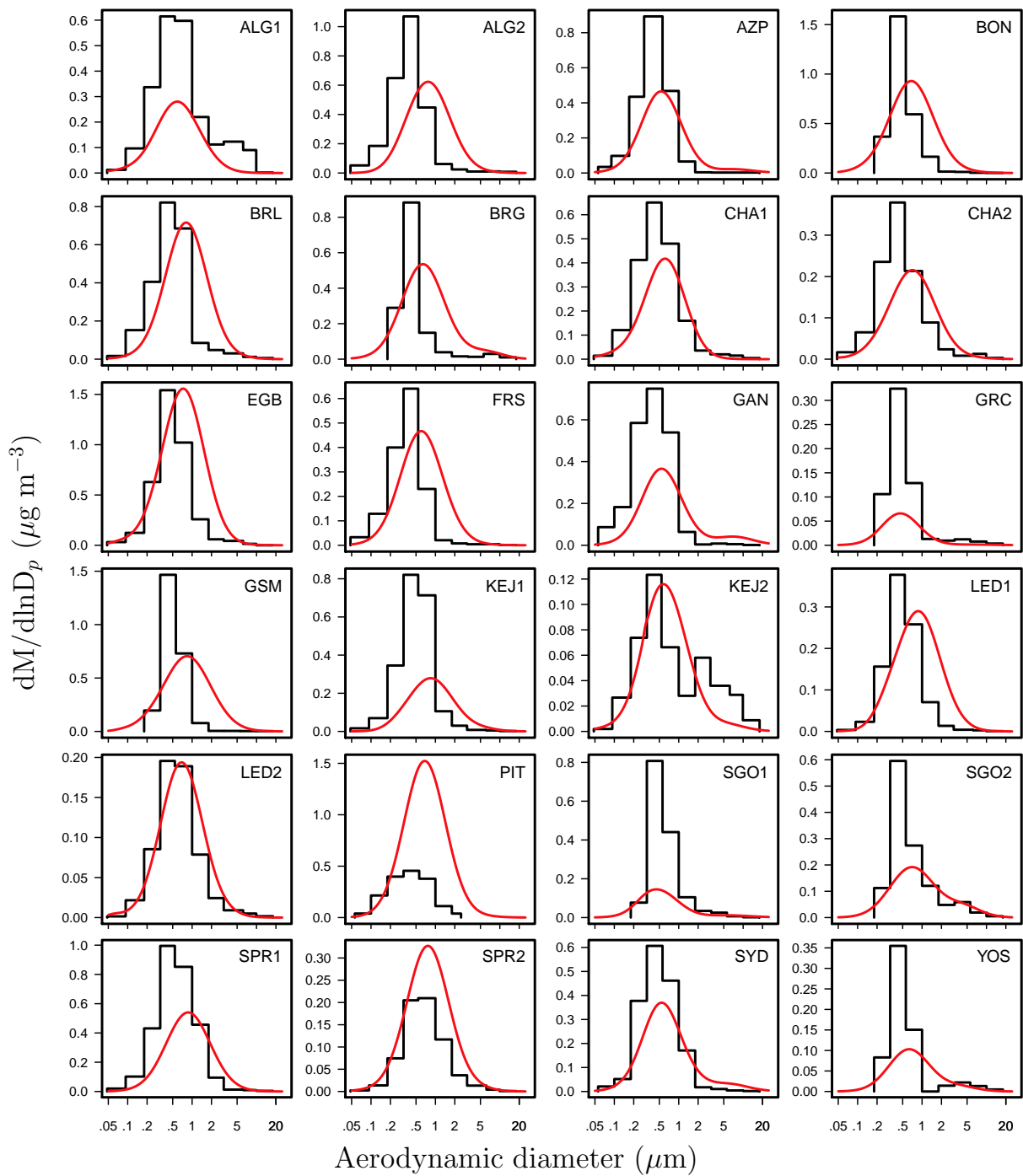


Figure S2: Average observed (black) and modeled (red) NH_4^+ size distributions across the 24 campaigns listed in Table 1.

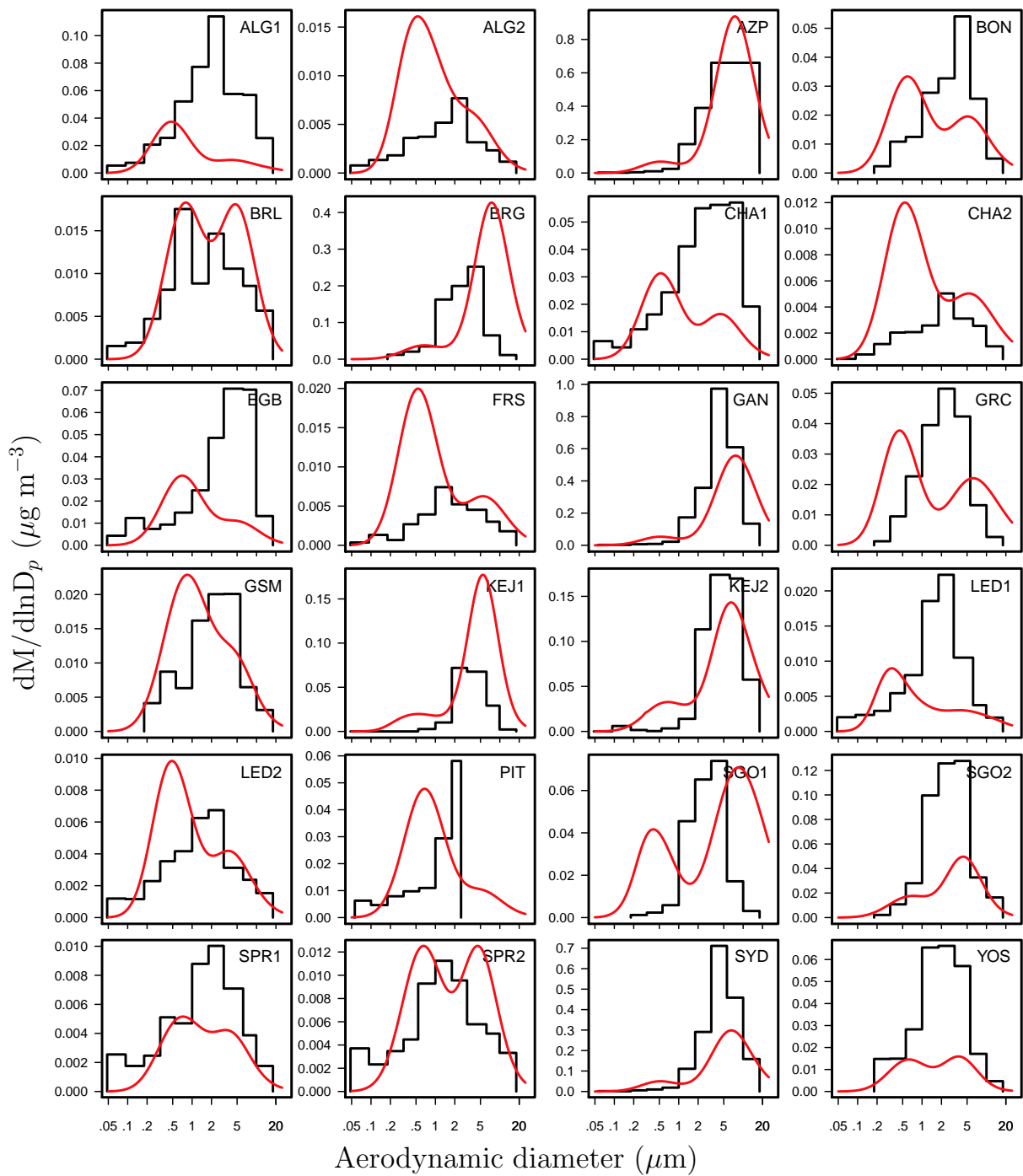


Figure S3: Average observed (black) and modeled (red) Na^+ size distributions across the 24 campaigns listed in Table 1.

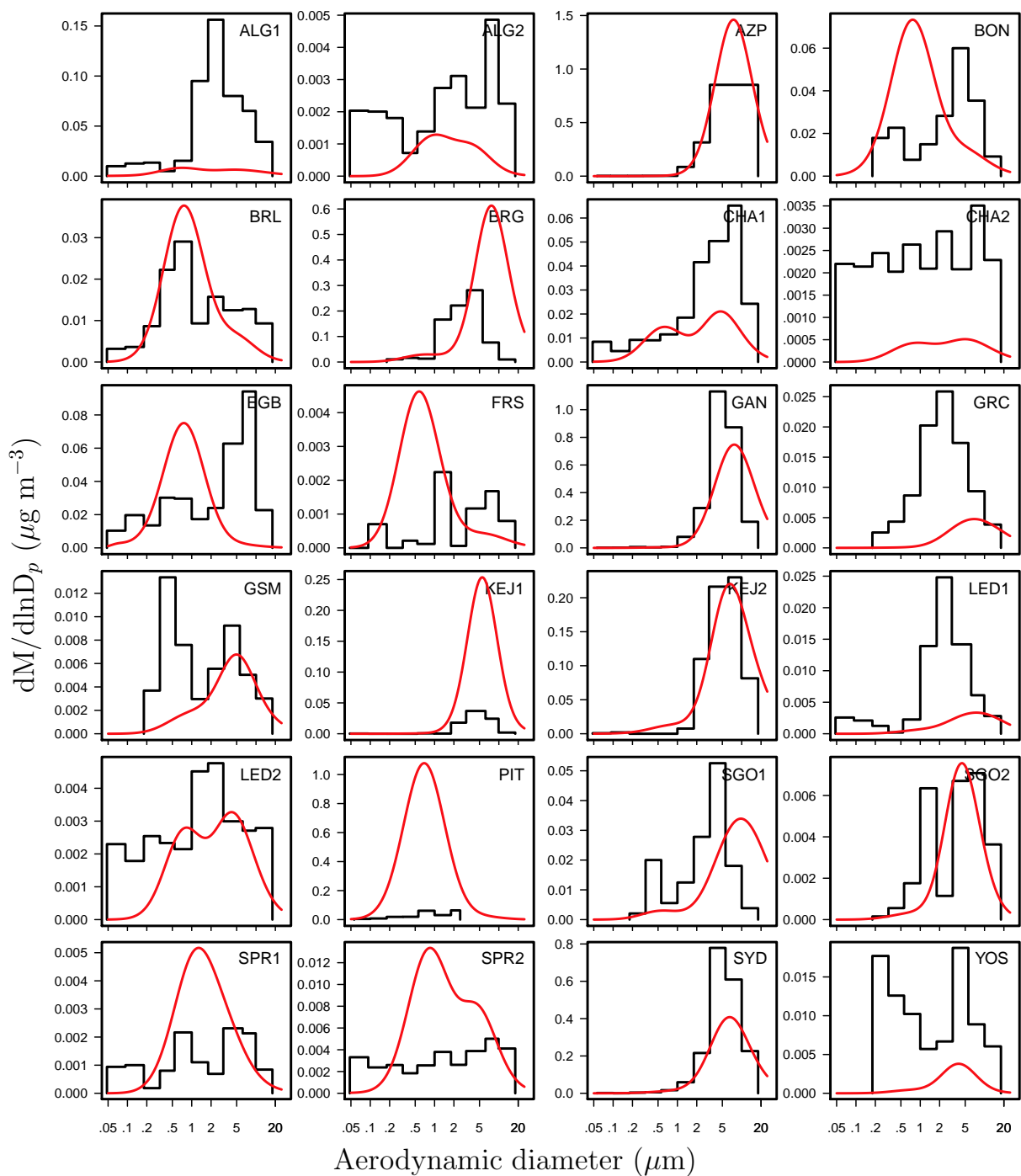


Figure S4: Average observed (black) and modeled (red) Cl^- size distributions across the 24 campaigns listed in Table 1.

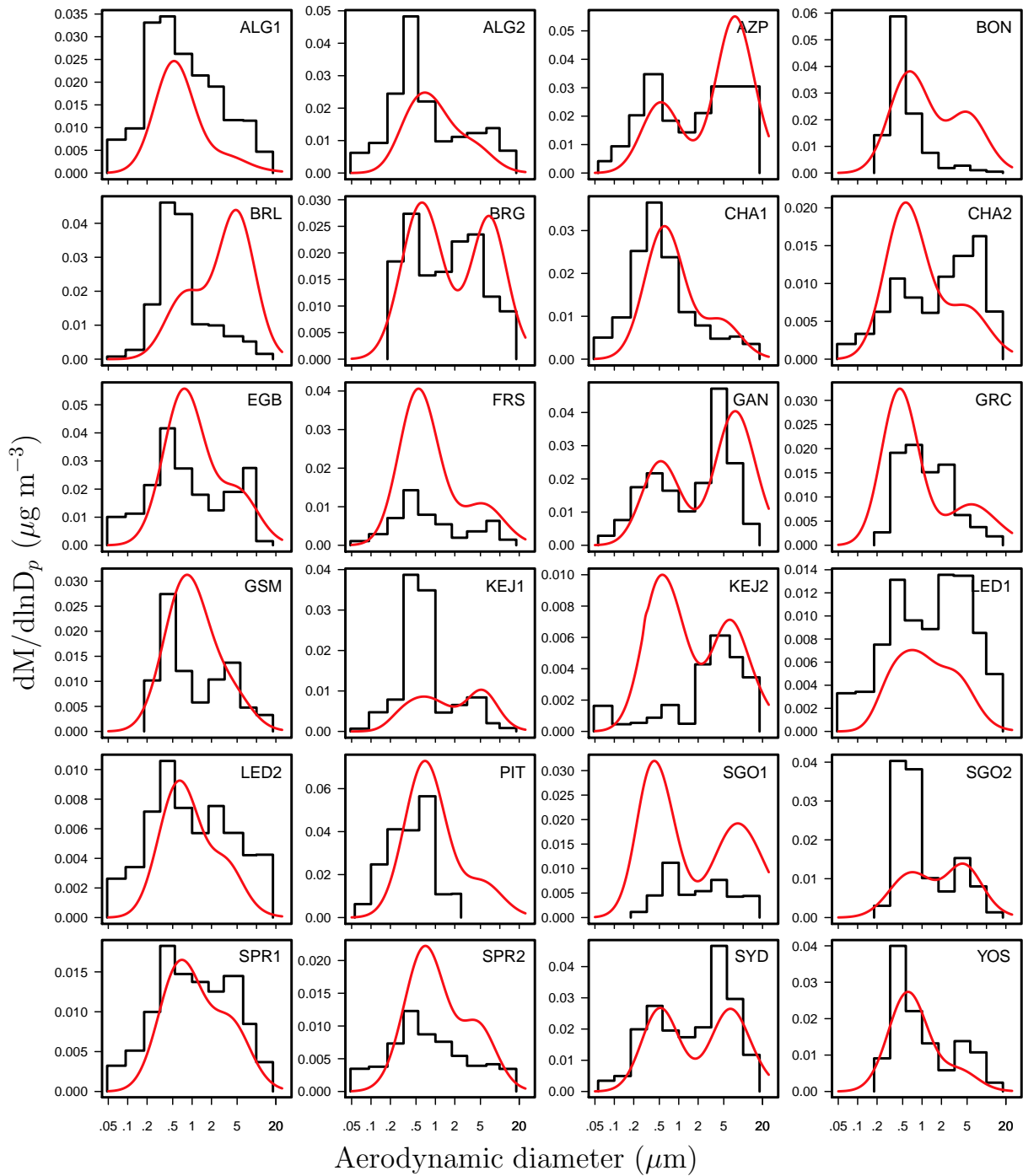


Figure S5: Average observed (black) and modeled (red) K^+ size distributions across the 24 campaigns listed in Table 1.

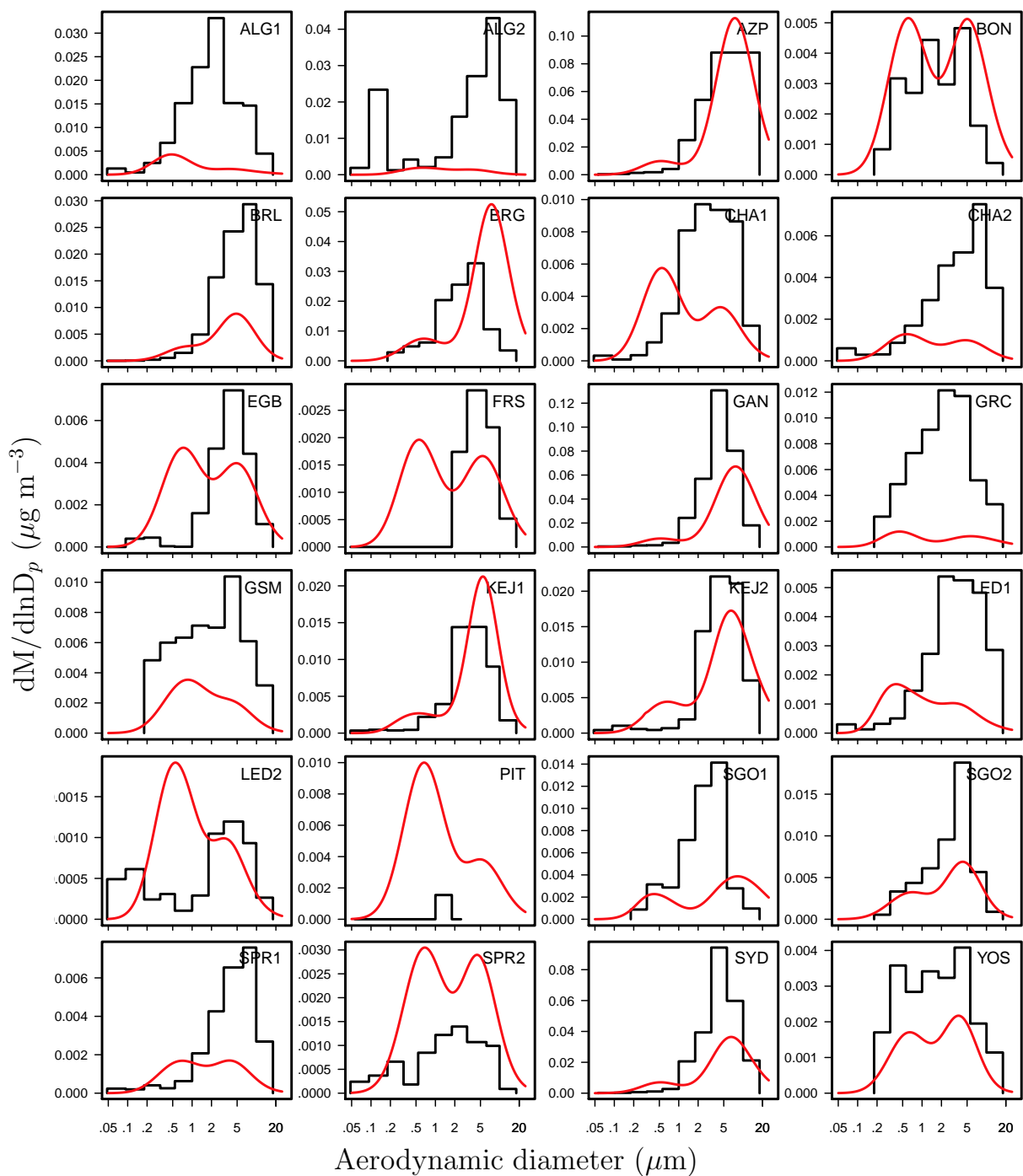


Figure S6: Average observed (black) and modeled (red) Mg^{2+} size distributions across the 24 campaigns listed in Table 1.

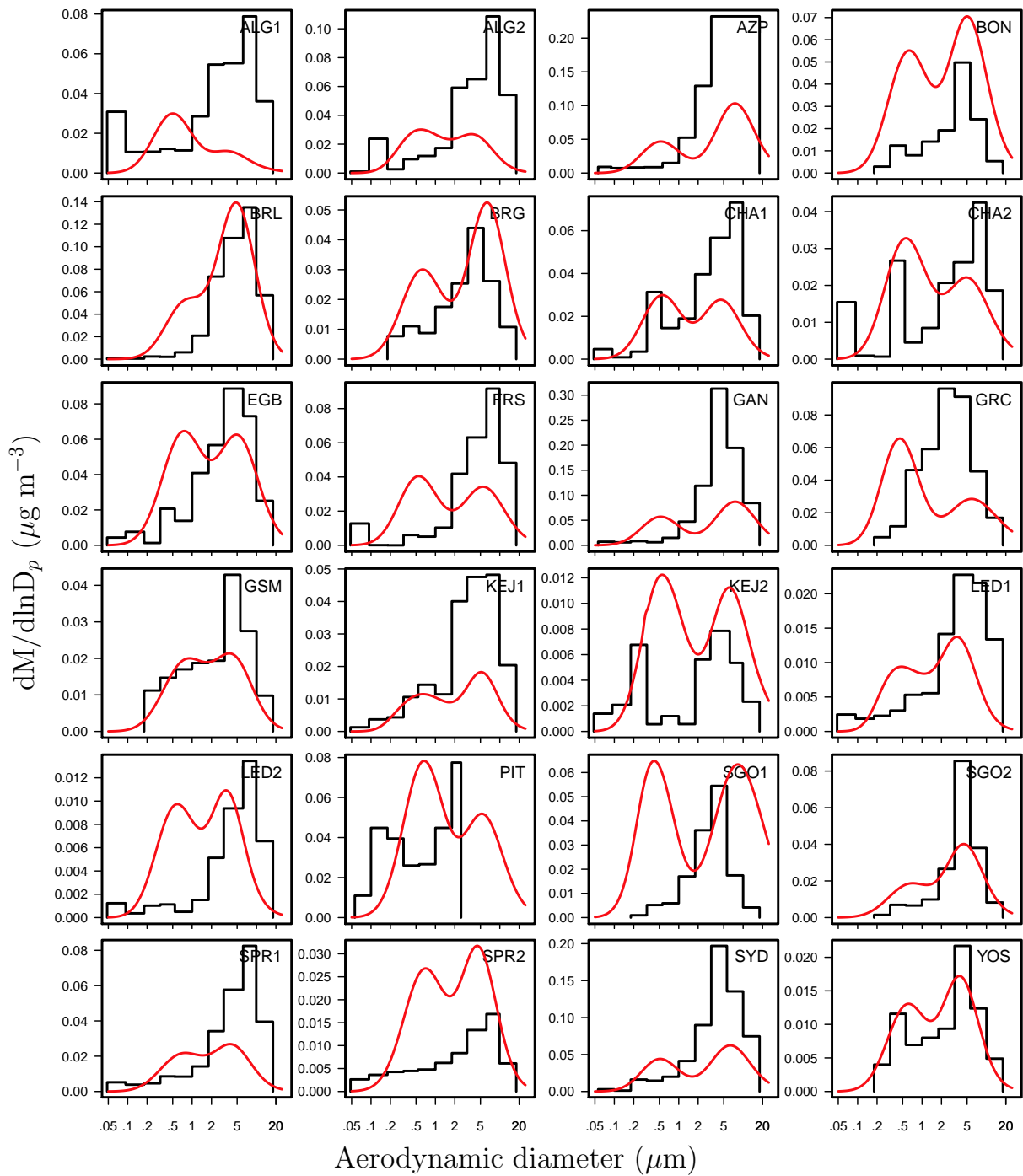


Figure S7: Average observed (black) and modeled (red) Ca^{2+} size distributions across the 24 campaigns listed in Table 1.

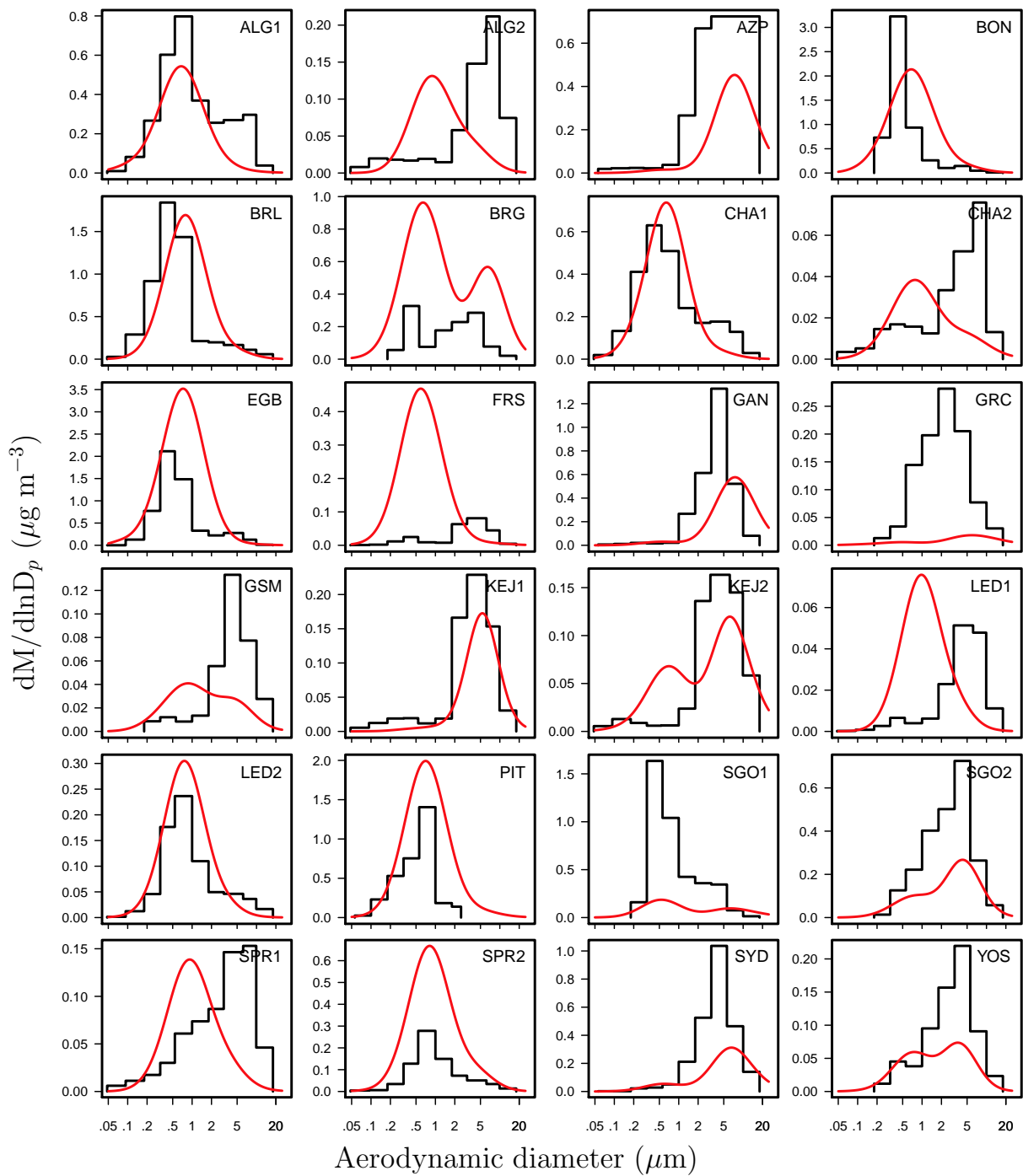


Figure S8: Average observed (black) and modeled (red) NO_3^- size distributions across the 24 campaigns listed in Table 1.