



## Supplement of

## Quantifying particle-to-particle heterogeneity in aerosol hygroscopicity

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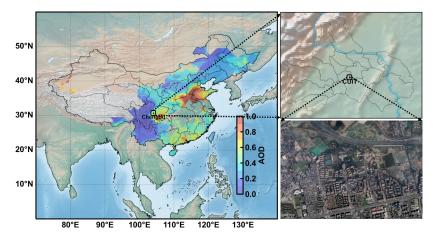


Figure S1. Location of the observation site. The contour represents the average AOD in January 2019.

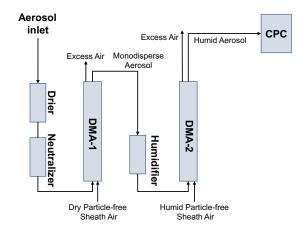


Figure S2. Schematic structure of the H-TDMA

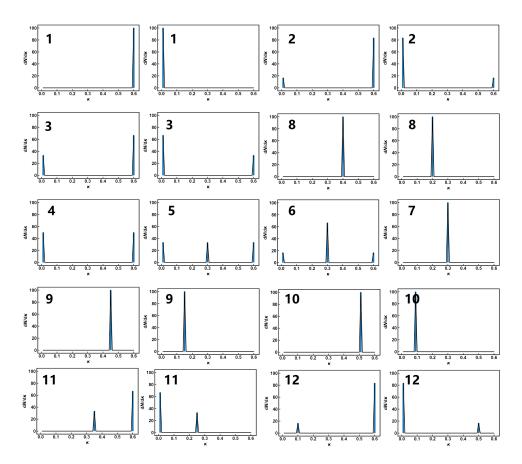


Figure S3.  $\kappa$ -PDFs for the 12 populations in the diagram for the particle-to-particle heterogeneity in aerosol hygroscopicity.