Interactive comment on “Hygroscopic mixing state of urban aerosol derived from size-resolved cloud condensation nuclei measurements during the MEGAPOLI campaign in Paris” by Z. Jurányi et al.

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The authors would like to thank Referee #2 for reading and reviewing our paper.

Comment: Section 2.2.2 Were any humidograms performed during the campaign? Such measurement would give a more detailed insight into the mixing state, in addition for interpretation at different RH.

Response: No humidograms on the ambient aerosol were performed during the measurement campaign.

Comment: Page 2042 Line 1: Please state to what RH the aerosol was dried before entering the DMA. This will ultimately define the “dry size”, which is ideally the same as the dry size of DMA1 of the HTDMA.

Response: The aerosol was also dried to RH<15% before entering the DMA of the scanning diameter CCNC measurement setup. Identical driers were used before the HTMDA and the CCNC. The text now reads: “The aerosol was dried to RH<15% with a diffusion drier before entering the DMA…”

Technical corrections: Everything was done as Referee #2 suggested

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 2035, 2013.