Interactive comment on "Realtime WRF LES Simulations to Support UAS Flight Planning and Operations During 2018 LAPSE-RATE" by James O. Pinto et al.

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Answer to Q1: Two configurations were run during the week-long LAPSE-RATE field experiment. Simulations forced with GFS required 3 concentric nests (D00, D01, D02) while those forced with HRRR used 2 concentric nests (D01,D02). Data from D00 were not saved. Unfortunately, the naming convention is slightly different in the archived data stored at https://dashrepo.ucar.edu/dataset/60_pinto/file.html where the two inner most domains are labeled (D02 - 1 km grid spacing) and (D03 - 111.11 m grid spacing). In the revised version of the paper the naming convention will be corrected to match the archive.

Answer to Q2: The nesting was done during the WRF model run using one-way nesting, "ndown.exe" was not used in this configuration. All the nesting was handled within real.exe (to generate the input files) and wrf.exe (model integration using multiple concentrically nested grids.