



Supplement of

Two-scale multi-model ensemble: is a hybrid ensemble of opportunity telling us more?

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Figure S1: Spatial distribution of the 405 rural monitoring stations where ozone model results where produced and observations were available



Figure S2: Cumulated RMSE for global and regional models at various ozone concentration thresholds (0-50, 50-100, 100-150, 150-200).



Figure S3: Number of effective models for the two groups obtained at all monitoring locations considered thus giving the spatial structure of the ensemble size and for three of the four components in which the modelled time series have been decomposed, namely: LT, SY and DU.



Figure S4: Contribution of Global models to mmeS_GR and its spatial representation for hourly timeseries in jja (top) and daily maximum annual timeseries (bottom).