



Supplement of

A single-peak-structured solar cycle signal in stratospheric ozone based on Microwave Limb Sounder observations and model simulations

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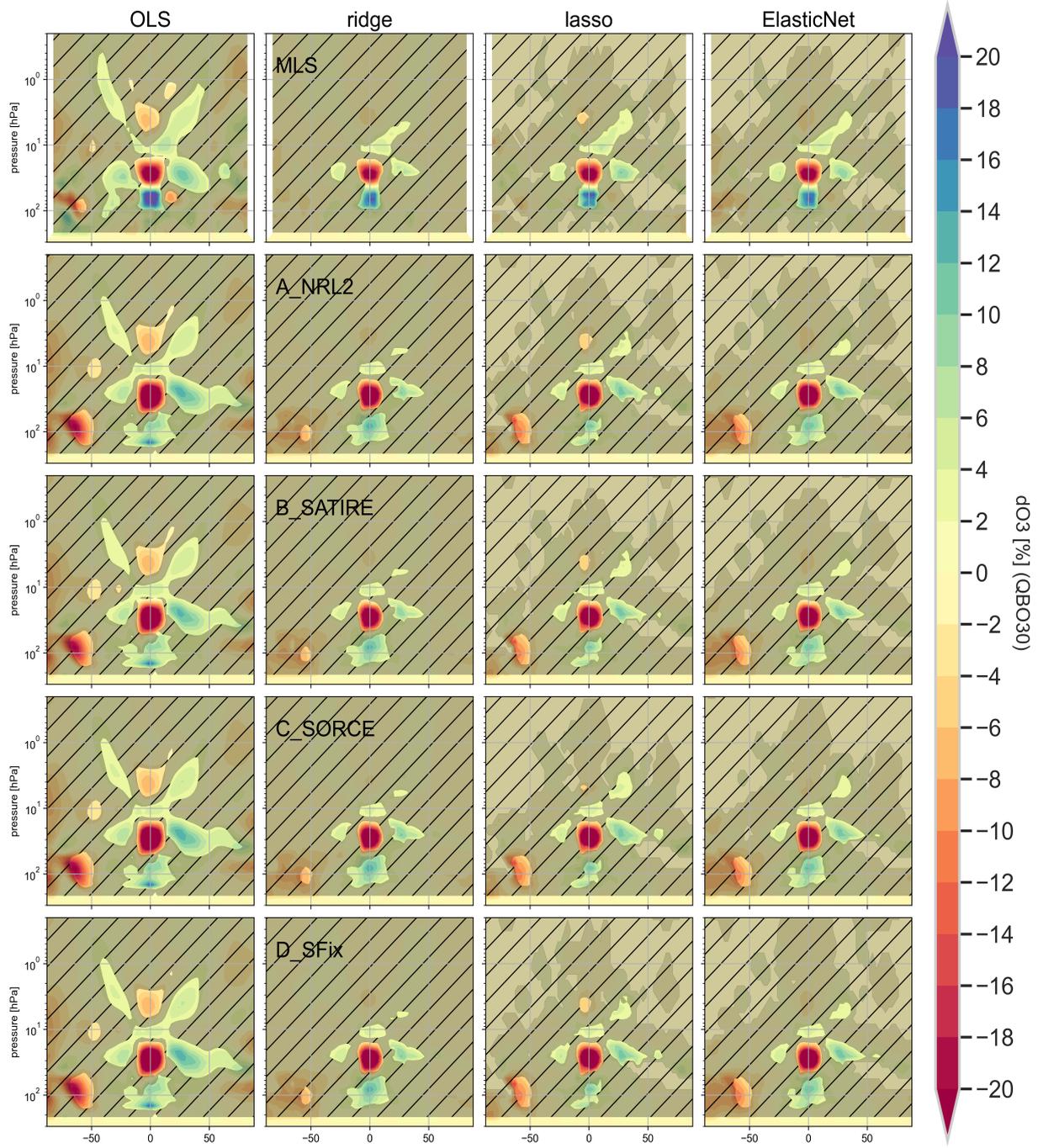


Figure S1. Latitude-pressure cross sections of QBO30 regression coefficients for MLS (top row) as well as model simulation A_NRL (second row), B_SAT (third row), C_SOR (fourth row) and D_SFfix (bottom row). Regression coefficients are from OLS (first column), Lasso (second column), Ridge (third column) and Elastic Net (fourth column) regression models. Stippling indicates regions where regression coefficients are smaller than $1-\sigma$ uncertainty.

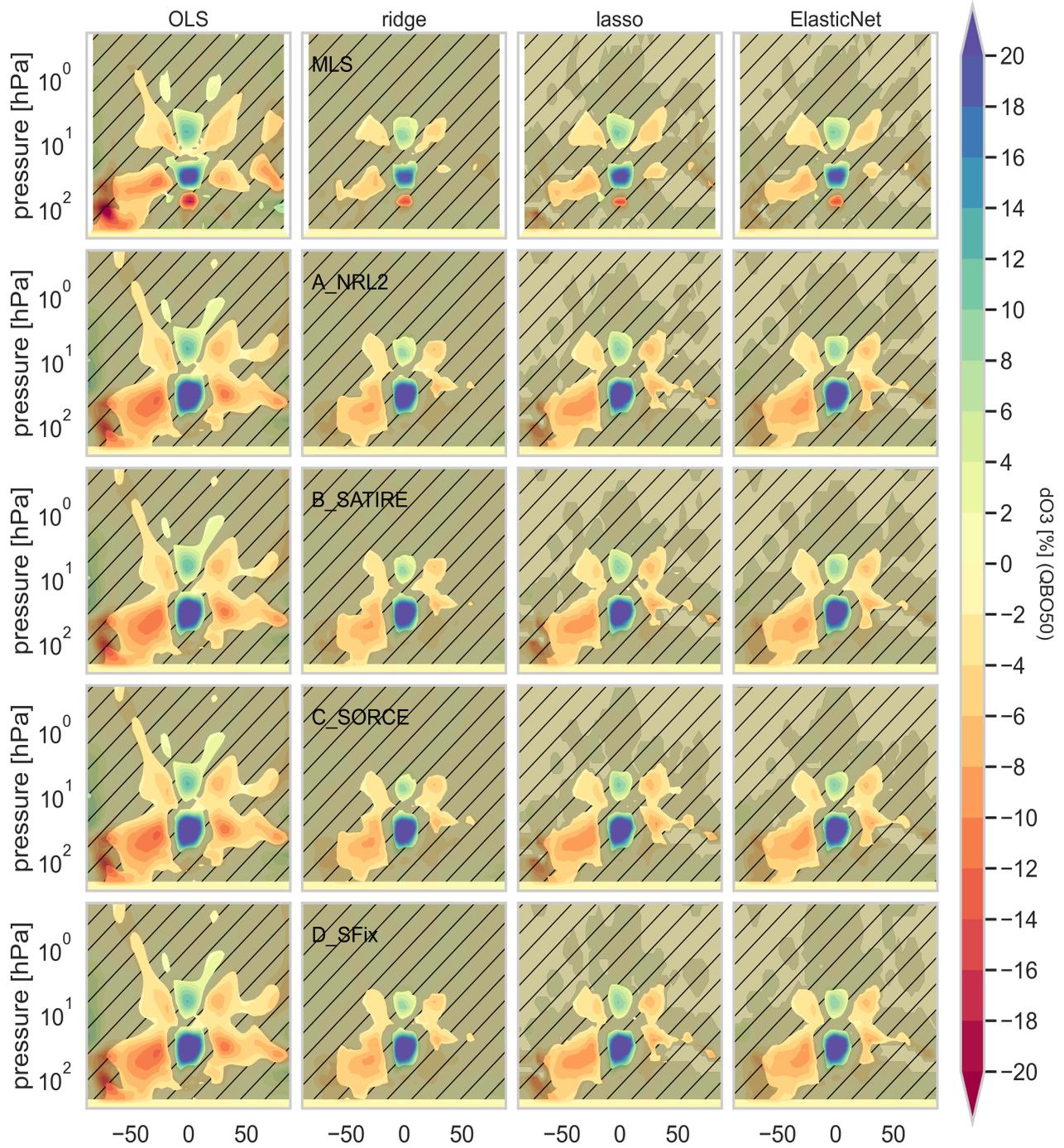


Figure S2. Same as Figure S1, but for QBO at 50 hPa.

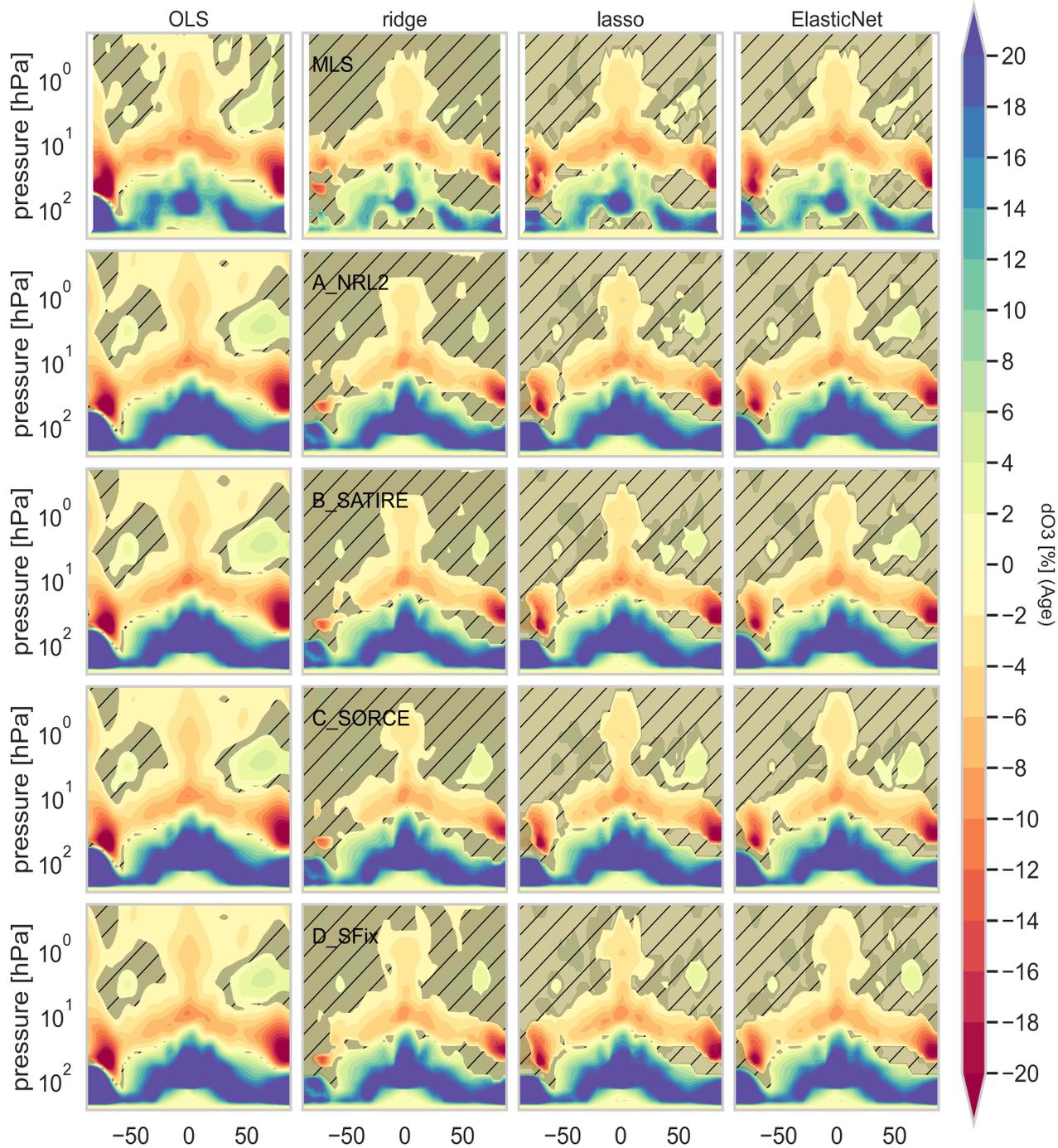


Figure S3. Same as Figure S1, but for age-of-air.