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Supplemental Material

Cross-Sectional Examination of Thyroid Hormones and Environmental Exposure to Multiclass Pesticides in Women of Reproductive Age in China

Feng-Jiao Peng, Paul Palazzi, Sakina Mezzache, Emilie Adelin, Nasrine Bourokba, Philippe Bastien, and Brice M.R. Appenzeller

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Figure S3. Percent differences in hair rT3/T3 molar ratio per 2-SD increase in log10-transformed pollutant (continuous variable; blue circle symbol) concentration or detect versus nondetect (binary variable; dark blue square) in the multi-pollutant Lasso model (A) or in the subsequent multi-pollutant OLS model (B) on the pollutants stably selected by the Lasso model among 196 healthy Chinese women of reproductive age. Models were adjusted for age, body mass index (BMI) and city. Symbols in the plot B represent average percent differences and lines represent 95% confidence intervals. Numerical values are reported in Excel Tables S6 and S8.

Additional File- Excel Document

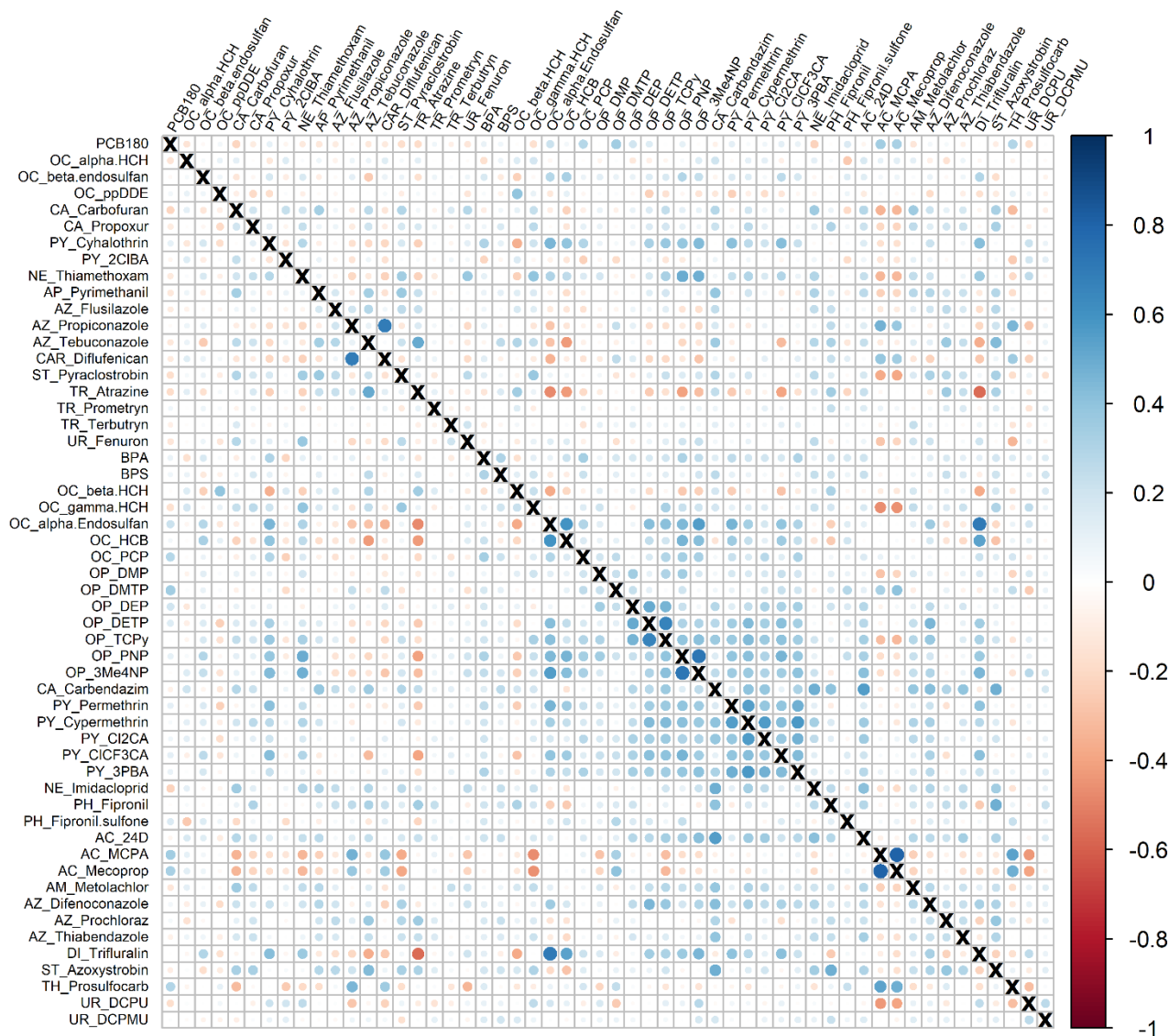


Figure S1. Spearman correlation coefficients between exposure biomarkers among 196 healthy Chinese women of reproductive age. The color intensity indicates the magnitude of the correlation. Blue indicates a positive correlation, while red indicates a negative correlation. Note: OC, Organochlorine pesticide; CA, Carbamate pesticide; PY, Pyrethroid pesticide; NE, Neonicotinoid pesticide; AP, Anilinopyrimidine fungicide; AZ, Azole fungicide; CAR, Carboxamide herbicide; ST, Strobilurin fungicide; TR, Triazine/triazone herbicide; UR, Urea herbicide; OP, Organophosphorus pesticide; PH, Phenylpyrazole insecticide; AC, Acid herbicide; AM, Amide herbicide; DI, Dinitroaniline herbicide; TH, Thiocarbamate herbicide; PCB 180, polychlorinated biphenyl 180; HCH, hexachlorocyclohexane; DDE, dichlorodiphenyldichloroethylene; 2-CIBA, 2-(4-chlorophenyl)-3-methylbutyric acid; BPA, bisphenol A; BPS, bisphenol S; HCB, hexachlorobenzene; PCP, pentachlorophenol; DMP, dimethylphosphate; DMTP, dimethylthiophosphate; DEP, diethylphosphate; DETP, diethylthiophosphate; TCPy, 3,5,6-trichloro-2-pyridinol; PNP, p-nitrophenol; 3Me4NP, 3-methyl-4-nitrophenol; Cl₂CA, trans-3-(2,2dichlorovinyl)-2,2-dimethylcyclopropanecarboxylic acid; ClCF₃CA, 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid; 3-PBA, 3-phenoxybenzoic acid; 2,4-D, 2,4-dichlorophenoxyacetic acid; MCPA, 4-chloro-2-methylphenoxyacetic acid; DCPU, 1-(3,4-dichlorophenyl)urea; DCPMU, 1-(3,4-dichlorophenyl)-3-methylurea.

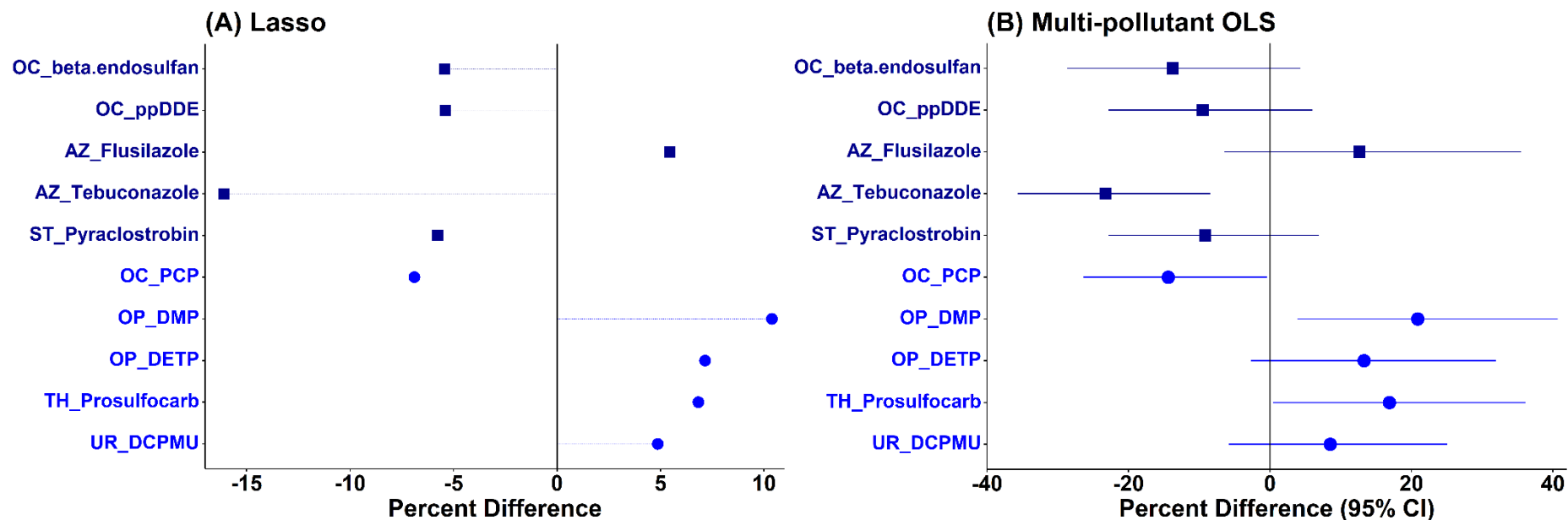


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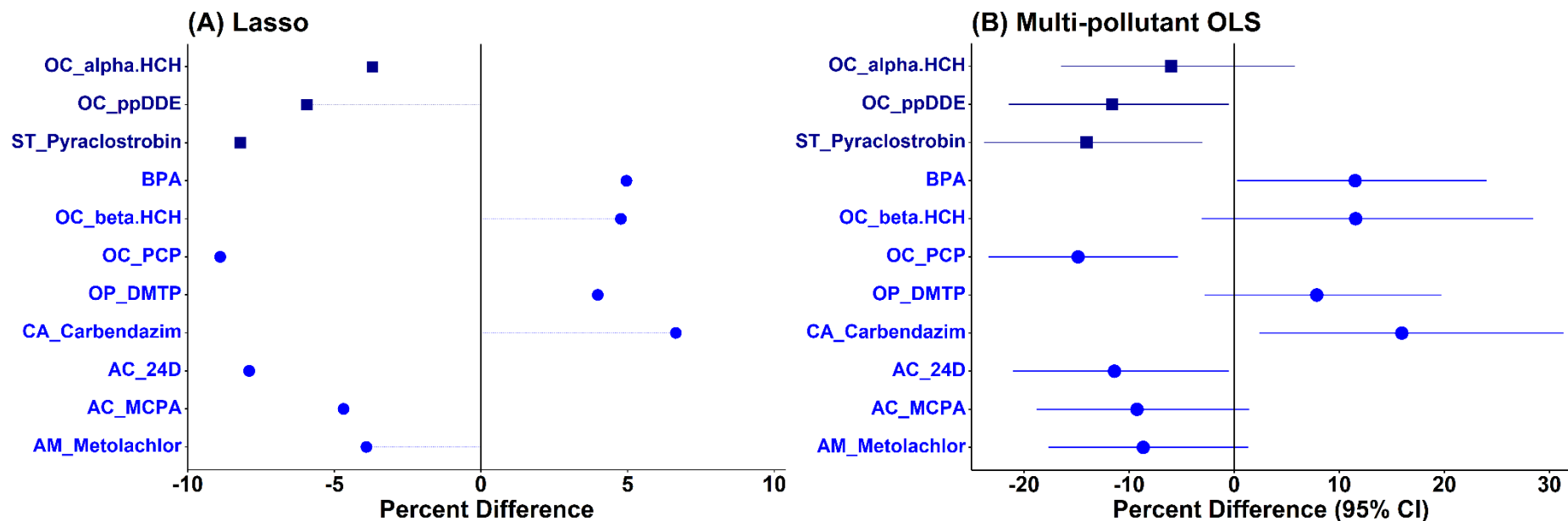


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