

Multifractal Cross Correlation Analysis of Agro-Meteorological Datasets (Including Reference Evapotranspiration) of California, United States

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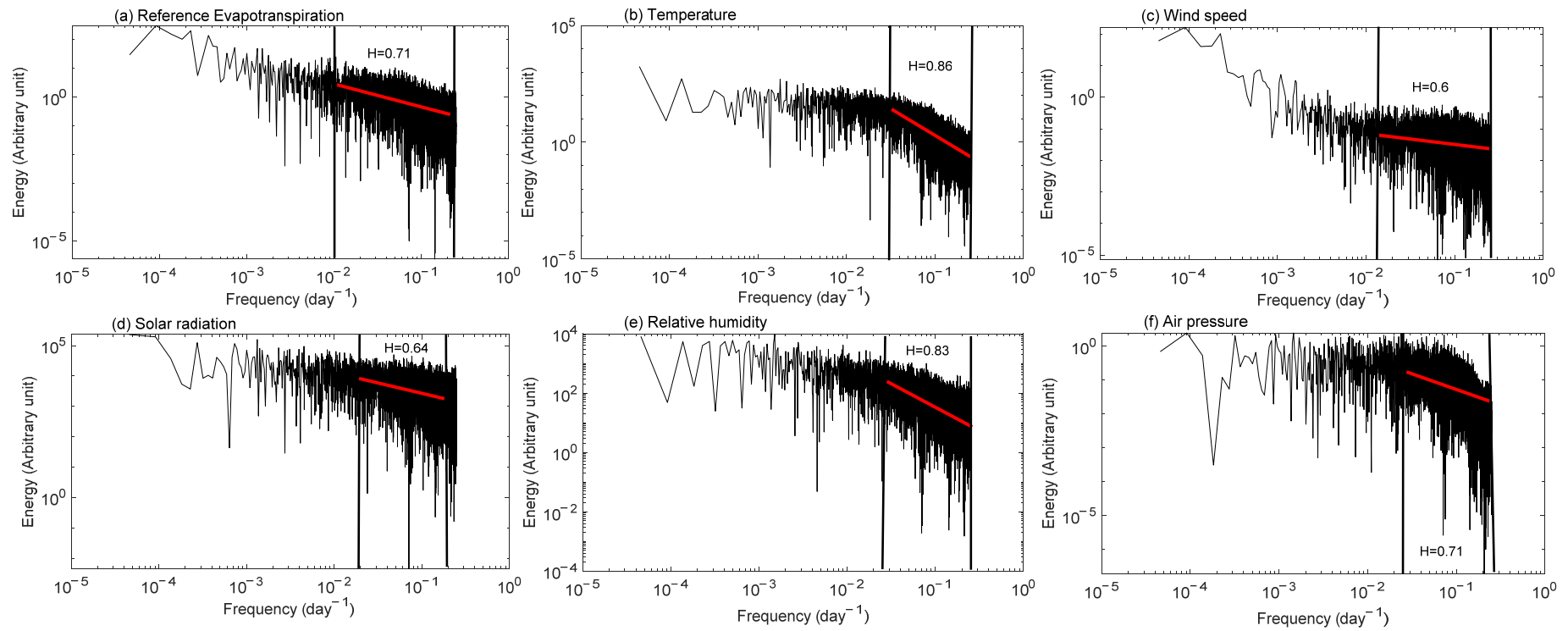


Figure S1. Spectral density plots of different agro-meteorological time series of Bakersfield station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

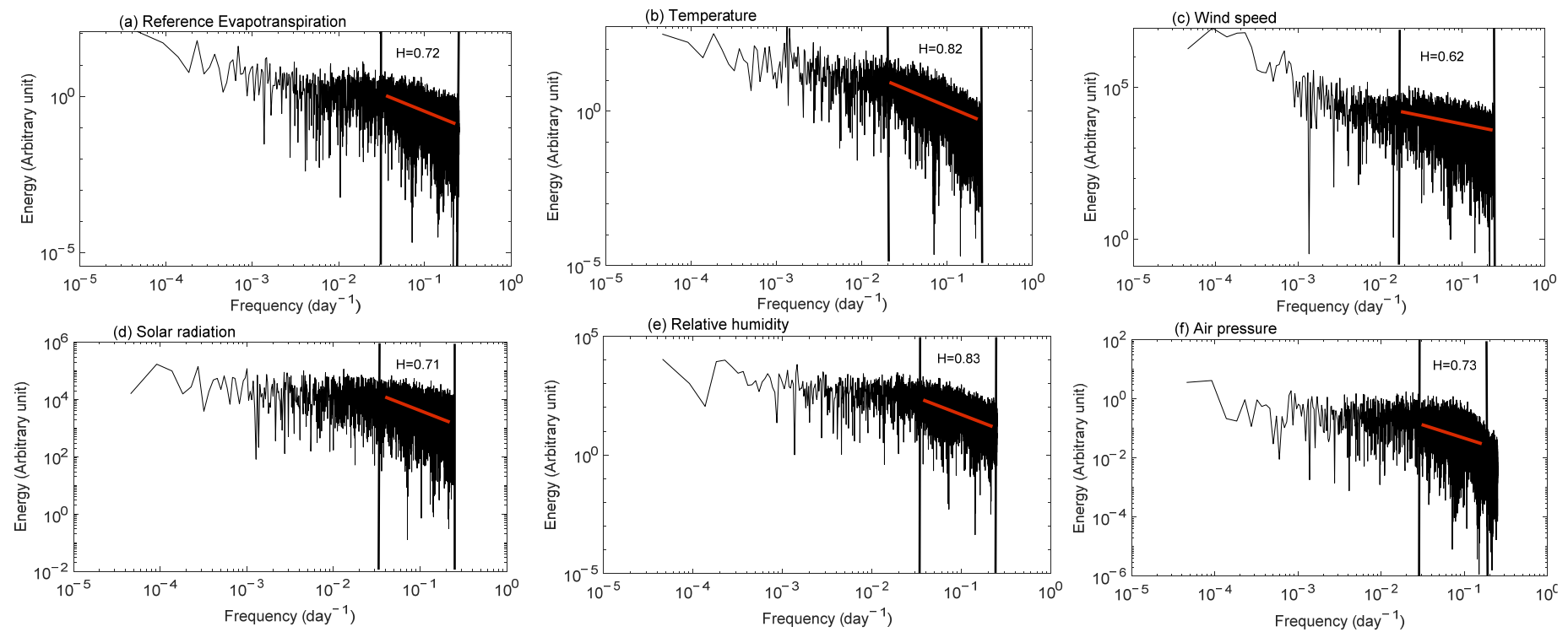


Figure S2. Spectral density plots of different agro-meteorological time series of Santa Maria station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

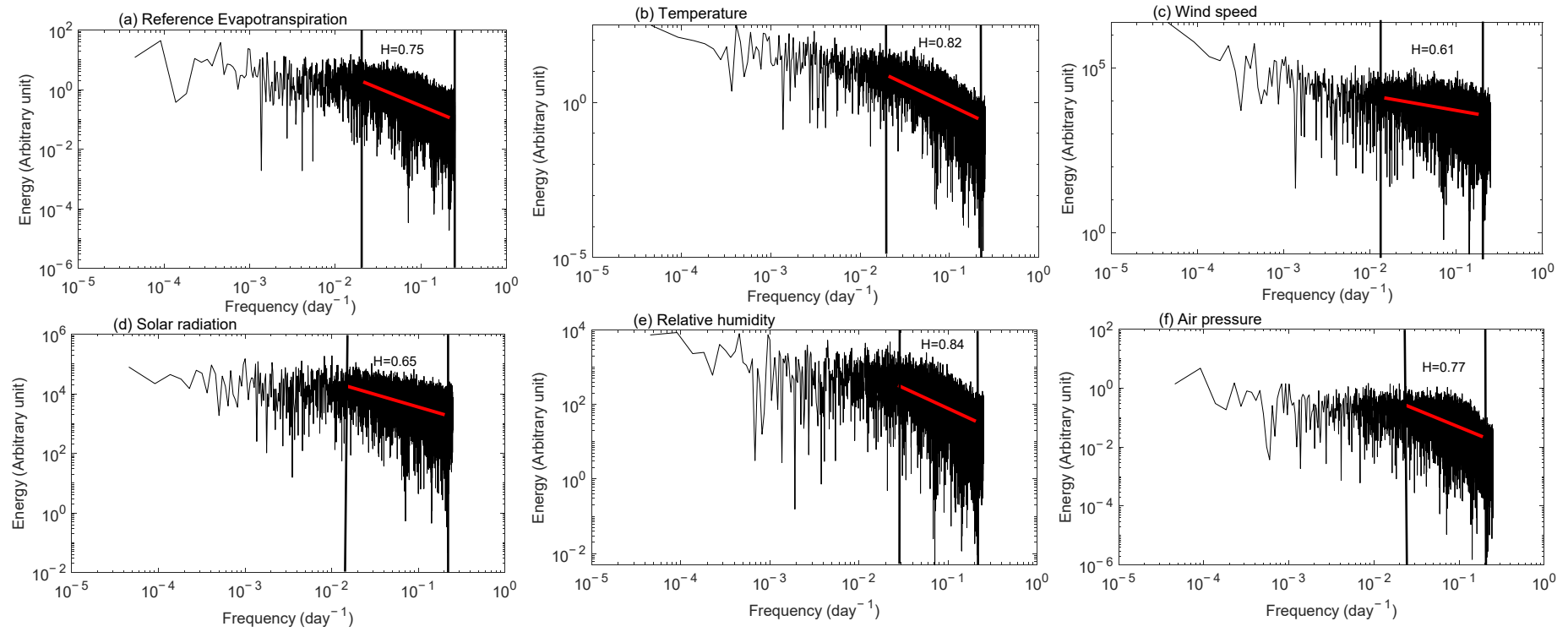


Figure S3. Spectral density plots of different agro-meteorological time series of Los Angeles station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

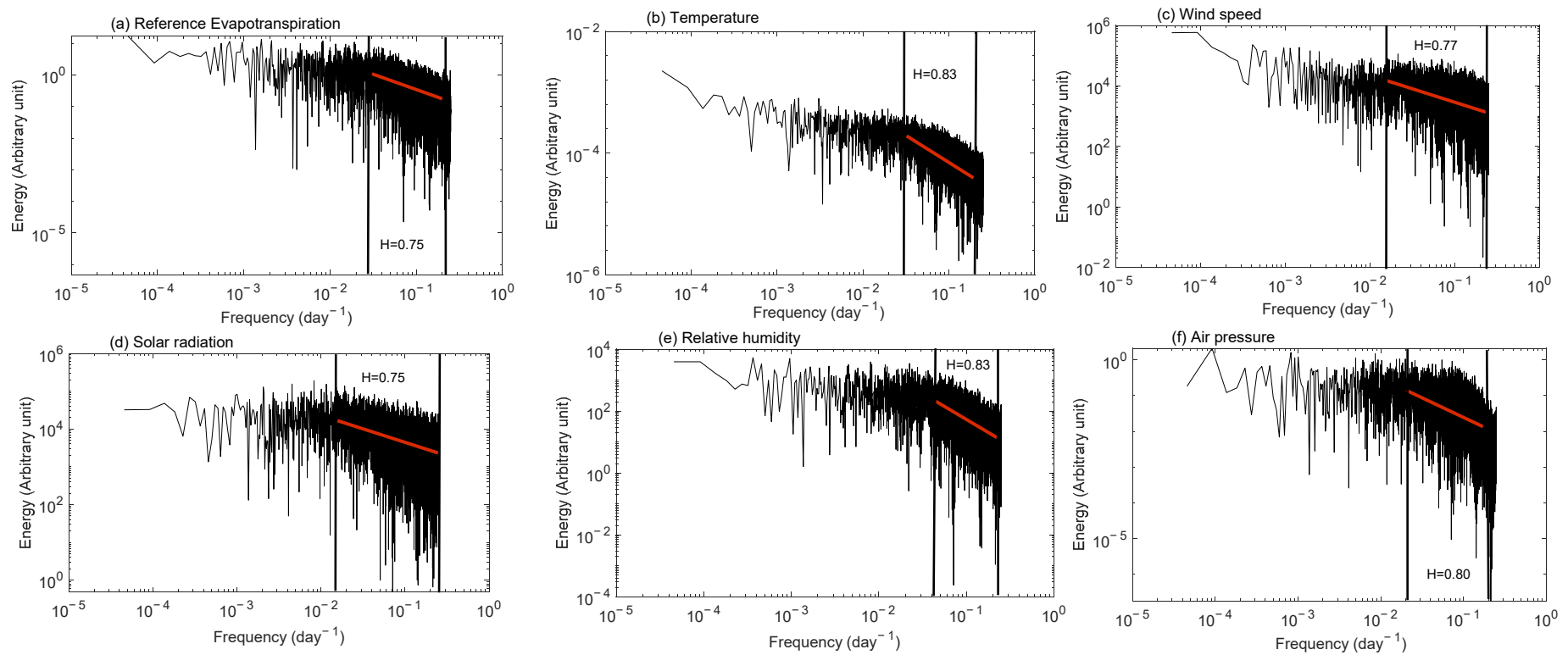


Figure S4. Spectral density plots of different agro-meteorological time series of San Diego station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

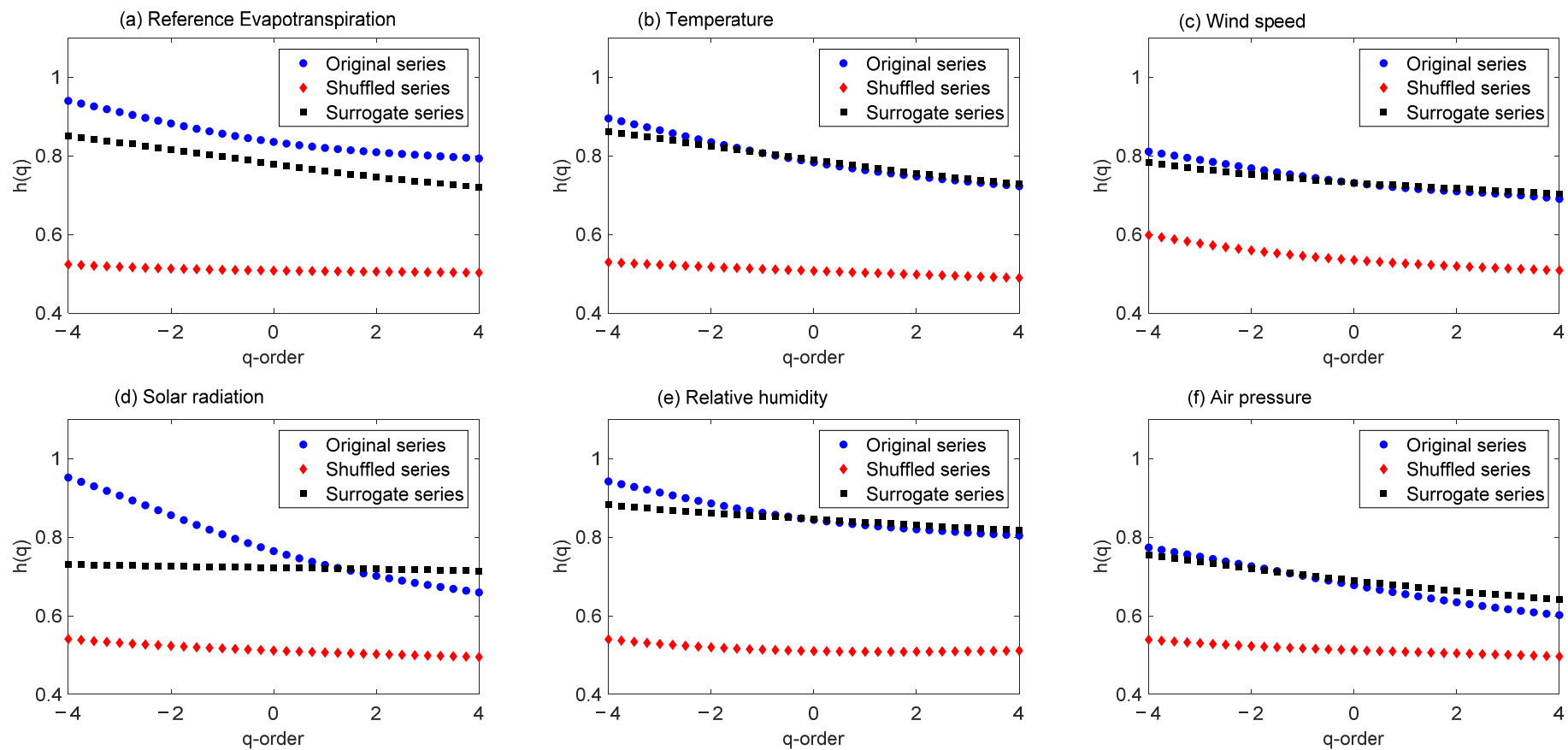


Figure S5. GHE plots of original, shuffled and surrogate series of different agro-meteorological variables of Bakersfield station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

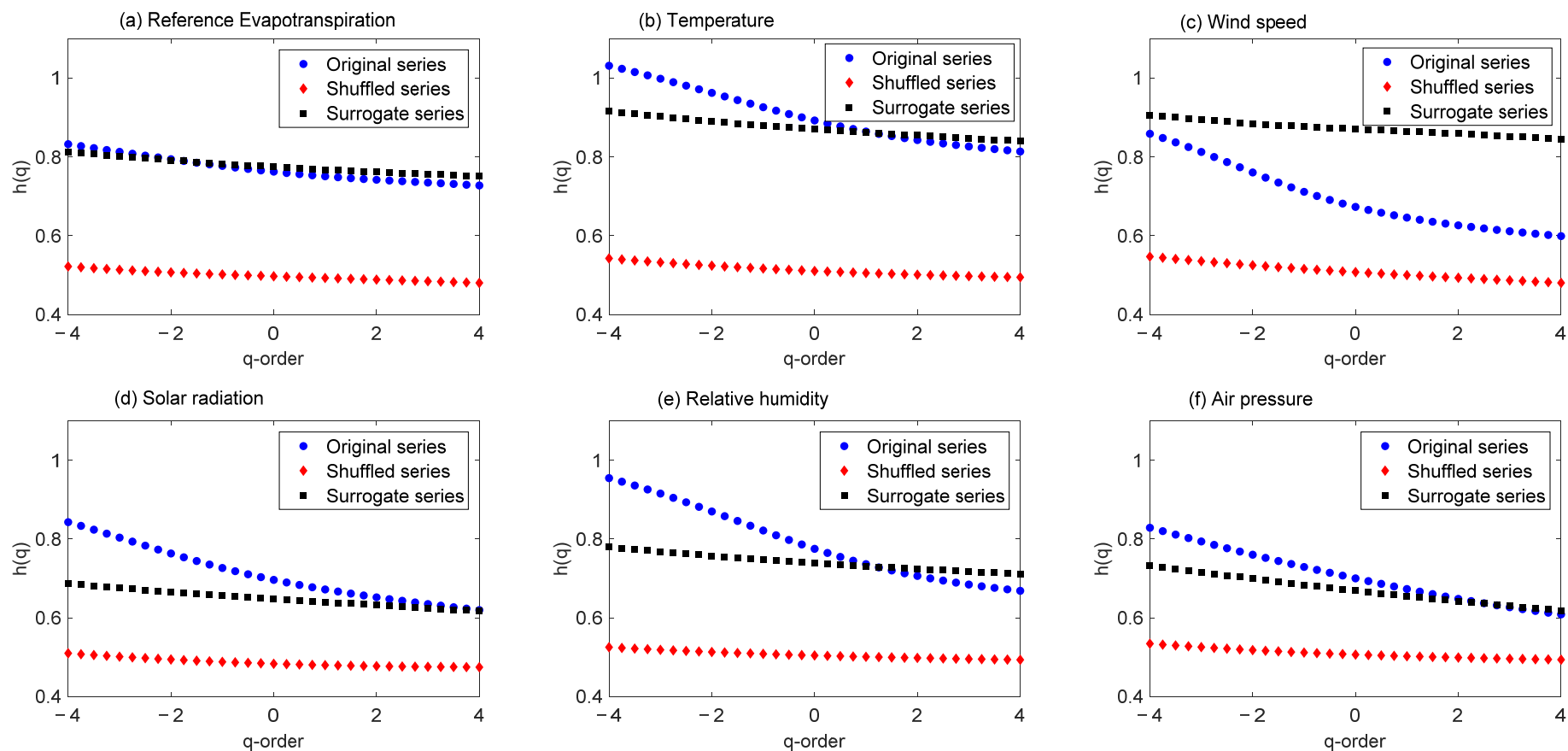


Figure S6. GHE plots of original, shuffled and surrogate series of different agro-meteorological variables of Santa Maria station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

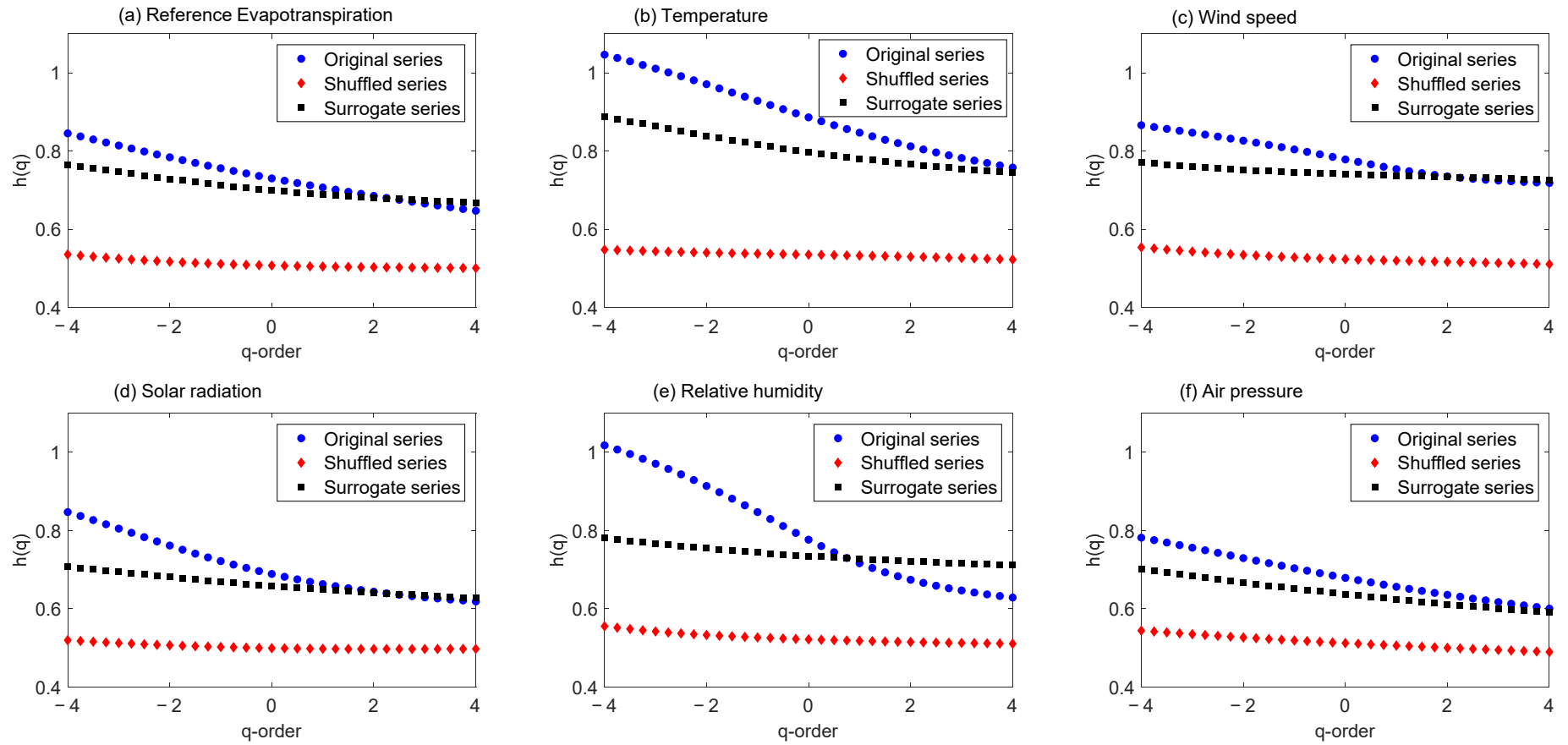


Figure S7. GHE plots of original, shuffled and surrogate series of different agro-meteorological variables of Los Angeles station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

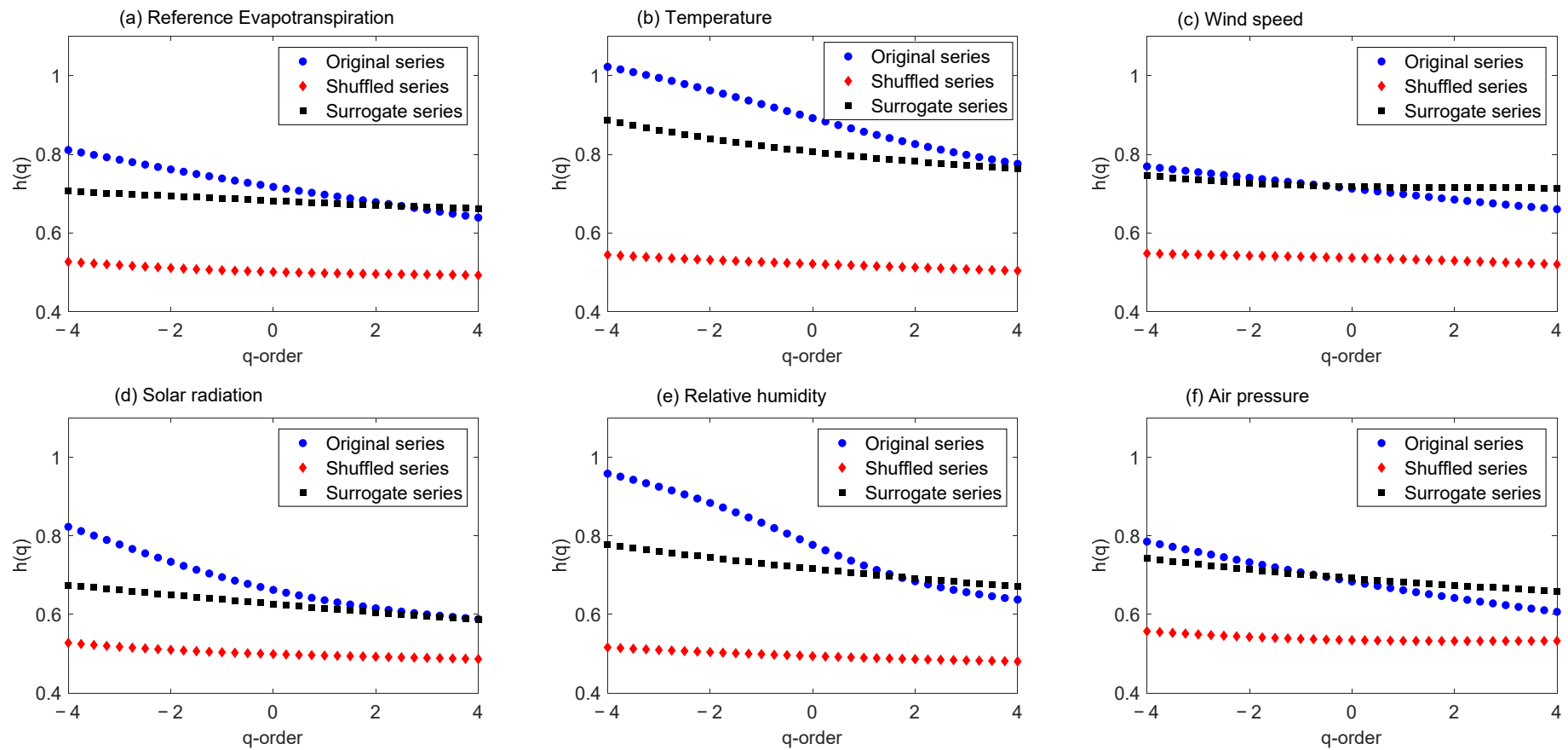


Figure S8. GHE plots of original, shuffled and surrogate series of different agro-meteorological variables of San Diego station: (a) reference evapotranspiration; (b) temperature; (c) wind speed; (d) solar radiation; (e) relative air humidity; and (f) air pressure.

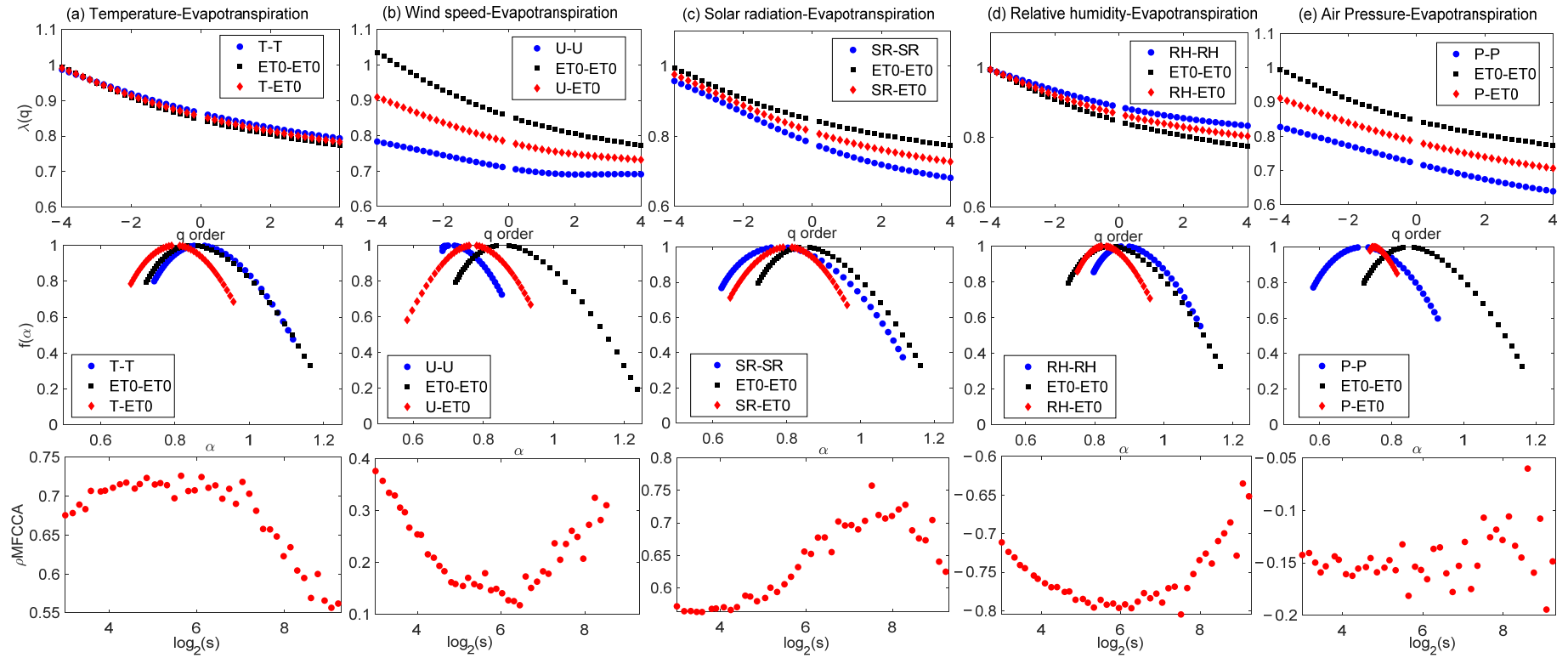


Figure S9. GHE plots (upper panels), multifractal spectra (middle panels) and cross-correlation plots (lower panels) obtained by MFCCA of different links at Bakersfield station: (a) T-ET0; (b) U-ET0; (c) SR-ET0; (d) RH-ET0; (e) P-ET0.

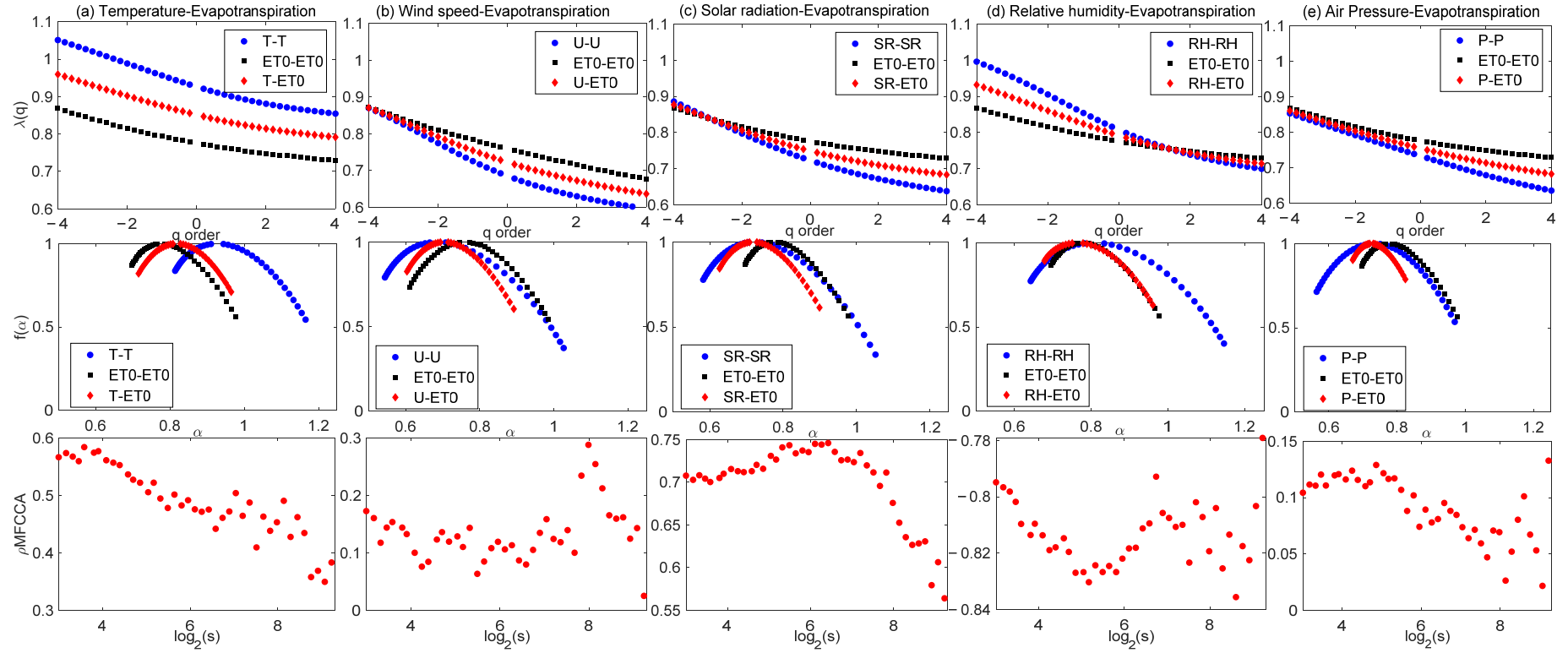


Figure S10. GHE plots (upper panels), multifractal spectra (middle panels) and cross-correlation plots (lower panels) obtained by MFCCA of different links at Santa Maria station: (a) T-ET0; (b) U-ET0; (c) SR-ET0; (d) RH-ET0; (e) P-ET0.

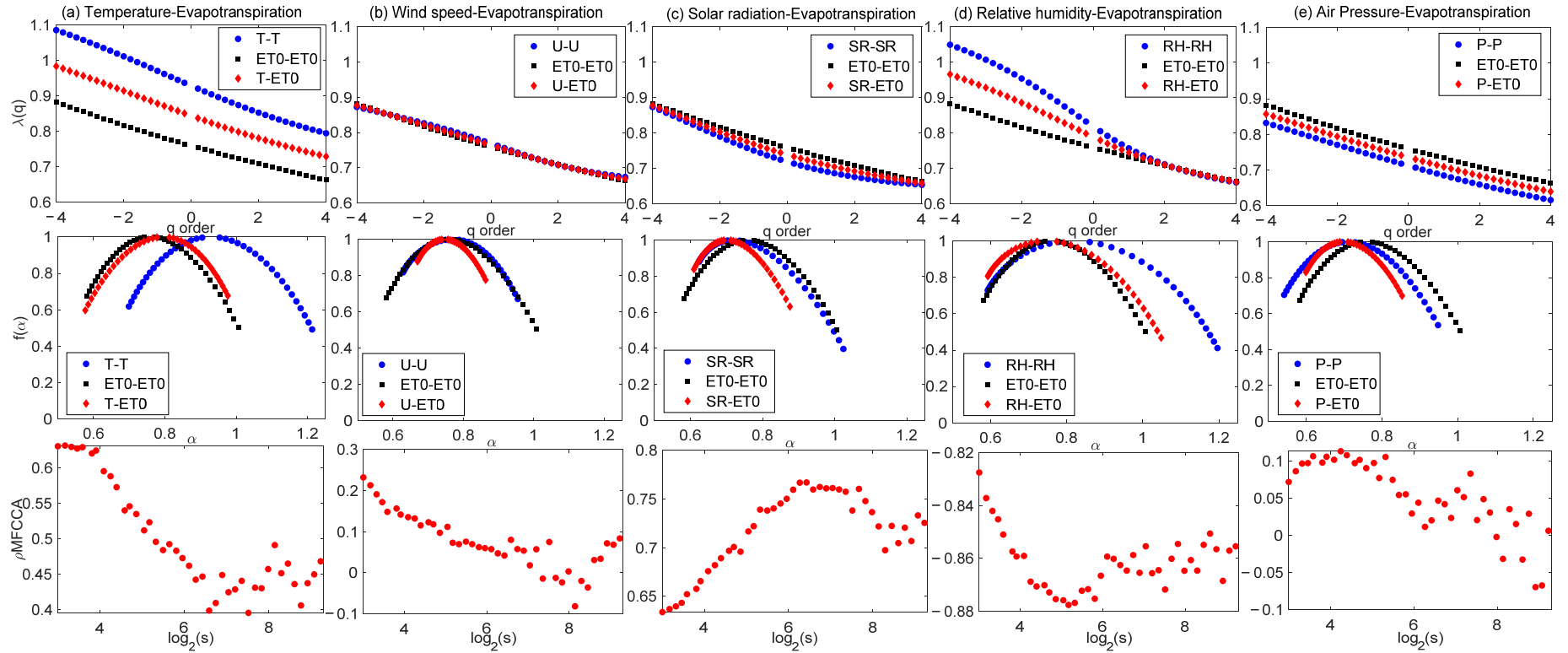


Figure S11. GHE plots (upper panels), multifractal spectra (middle panels) and cross-correlation plots (lower panels) obtained by MFCCA of different links at Los Angeles station: (a) T-ET0; (b) U-ET0; (c) SR-ET0; (d) RH-ET0; (e) P-ET0.