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Supporting Information for

Seismic anisotropy from 6C ground motions of ambient seismic noise

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Figures S1-S4.

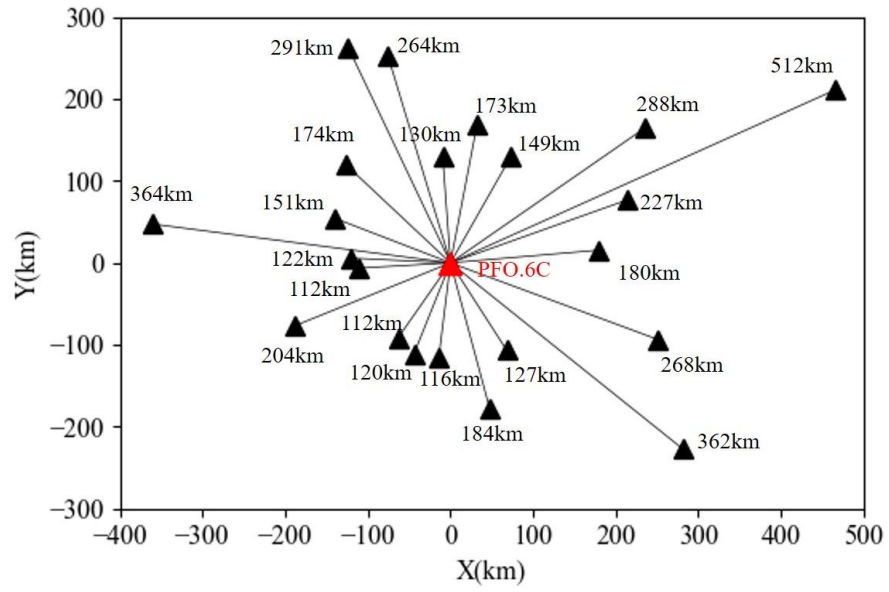


Figure S1. Distributions of selected broadband seismic stations. The red triangle represents the 6C station and black triangles represent the 3C stations.

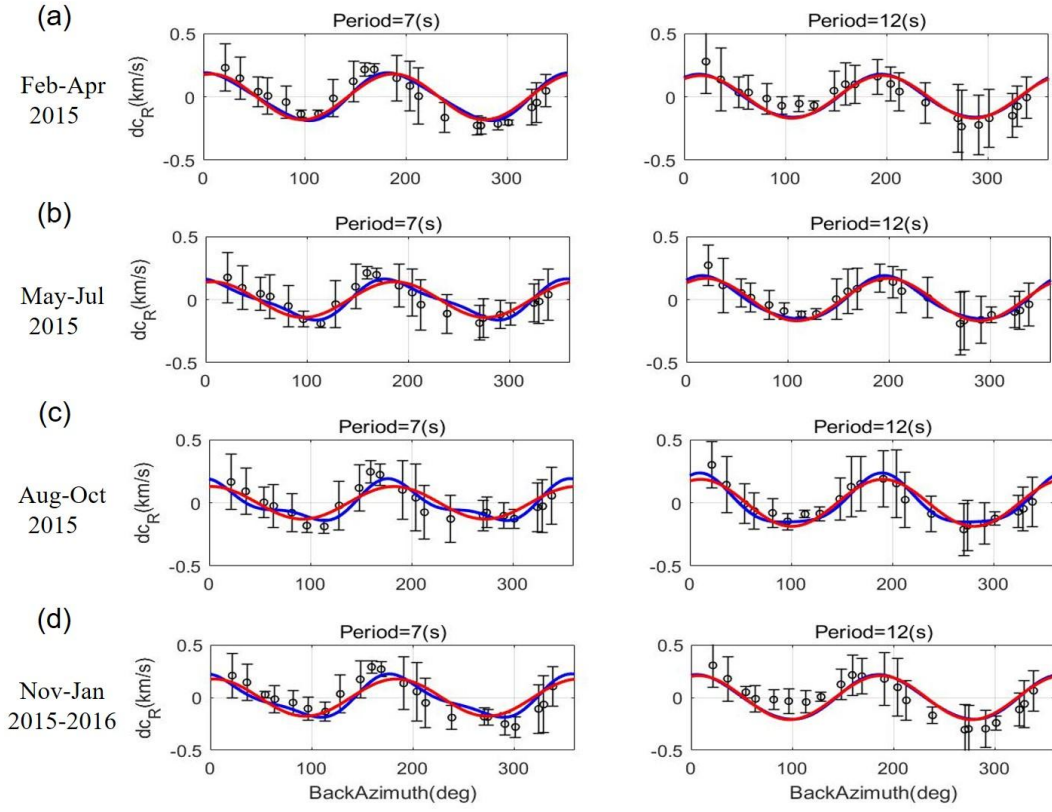


Figure S2. Seasonal velocity variation (a: Spring, b: Summer, c: Autumn, d: Winter) at 7s and 12s. Red lines are the best-fit 2ψ curves and blue lines are the best-fit 2ψ and 4ψ .

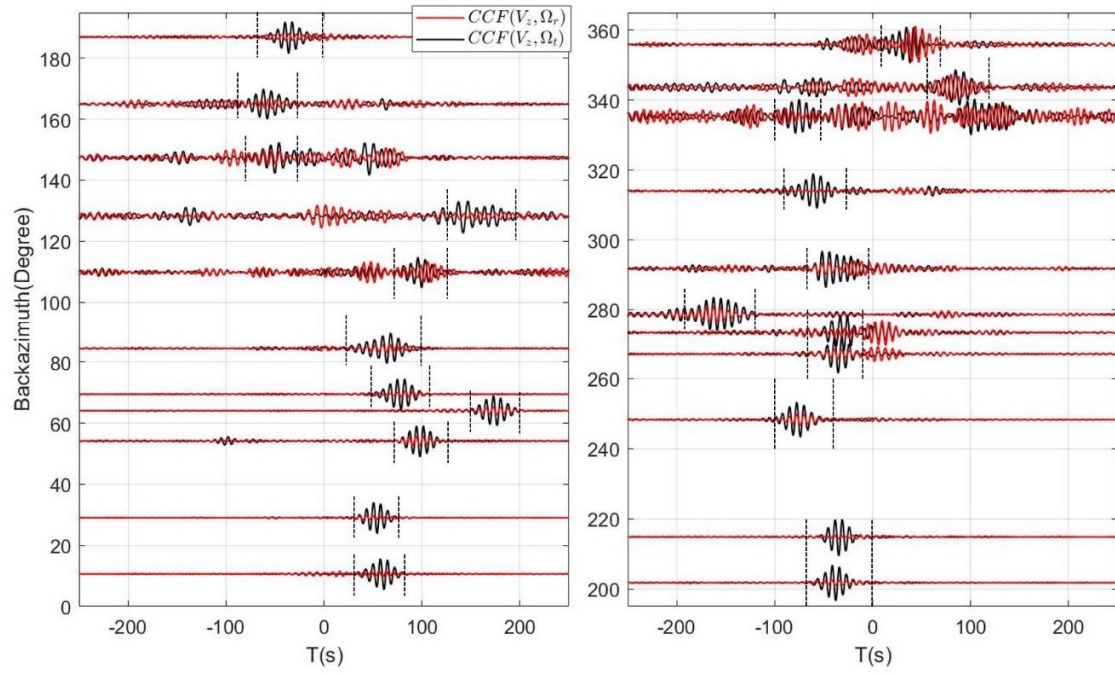


Figure S3. Amplitude comparison (marked by black dashed lines) between $CCF_{(V_z, \Omega_r)}$ and $CCF_{(V_z, \Omega_t)}$ of 7-12s in the azimuth domain. The red lines represent CCFs between vertical translation of 3C station and radial rotation of 6C station. The black lines represent CCFs between vertical translation of 3C station and transverse rotation of 6C station.

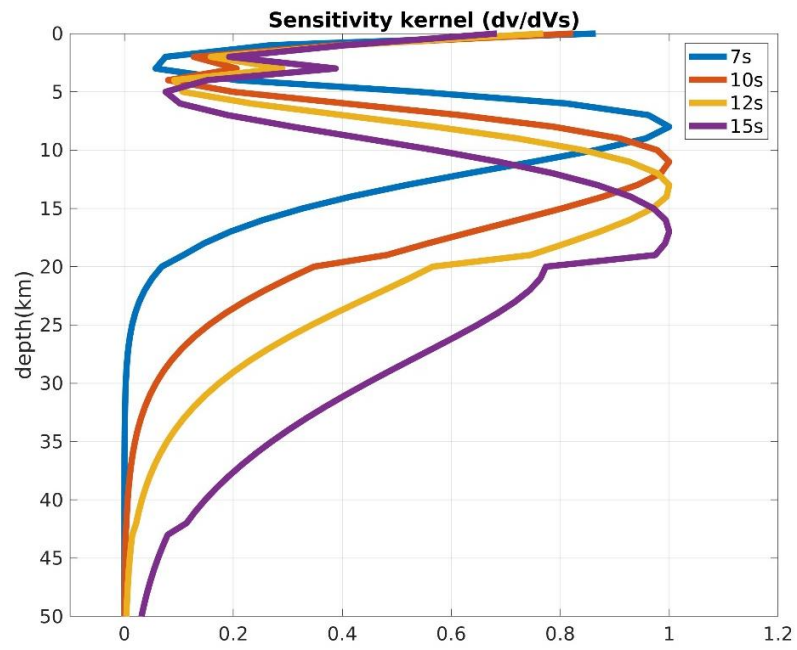


Figure S4. Sensitivity kernel of Rayleigh waves corresponding to shear wave at 7s, 10s, 12s and 15s.