

The thermo-chemical and physical structure beneath the North American continent from Bayesian inversion of surface-wave phase velocities

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Supplementary Figures

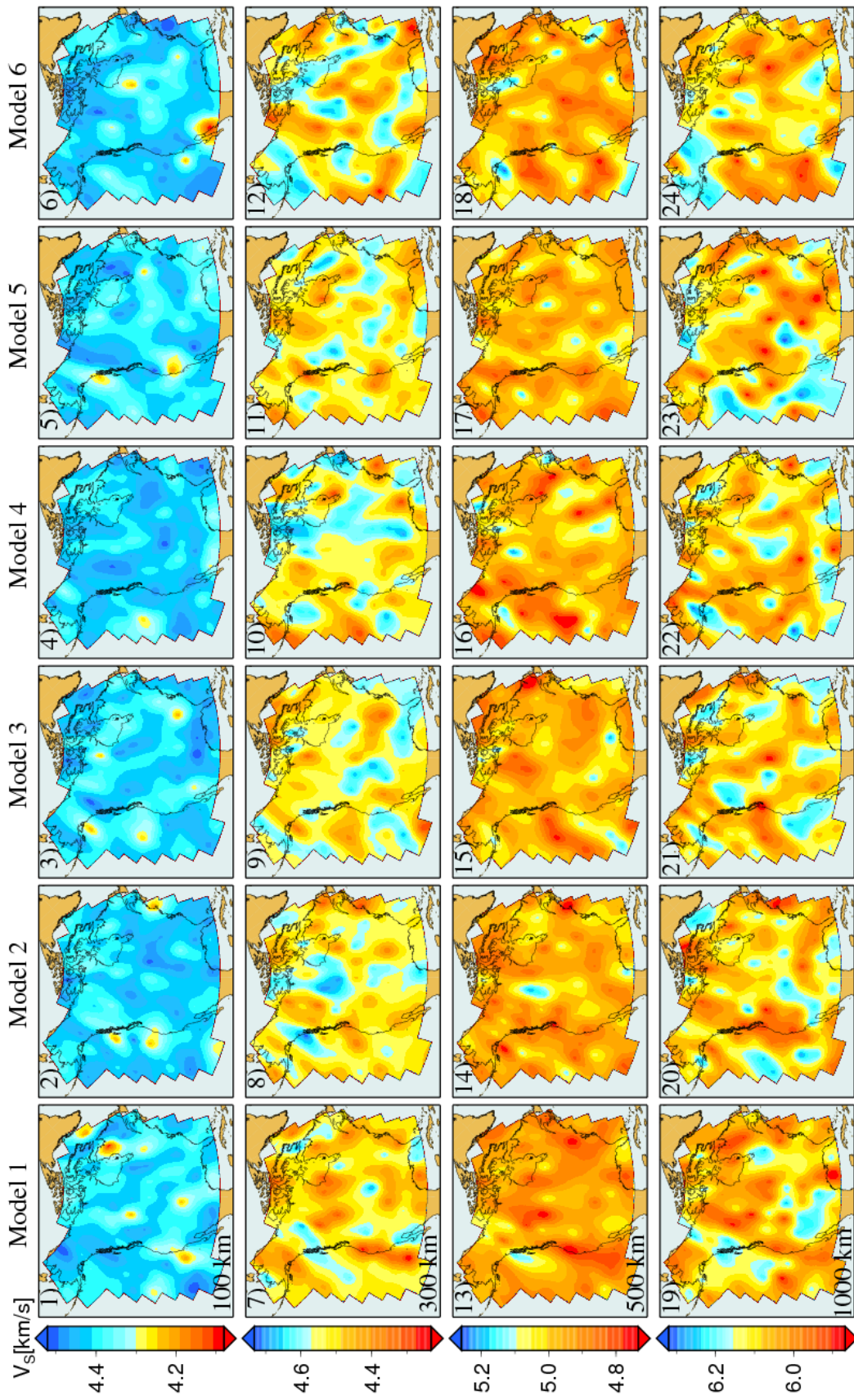


Figure S1. Prior isotropic shear-wave velocity movie.

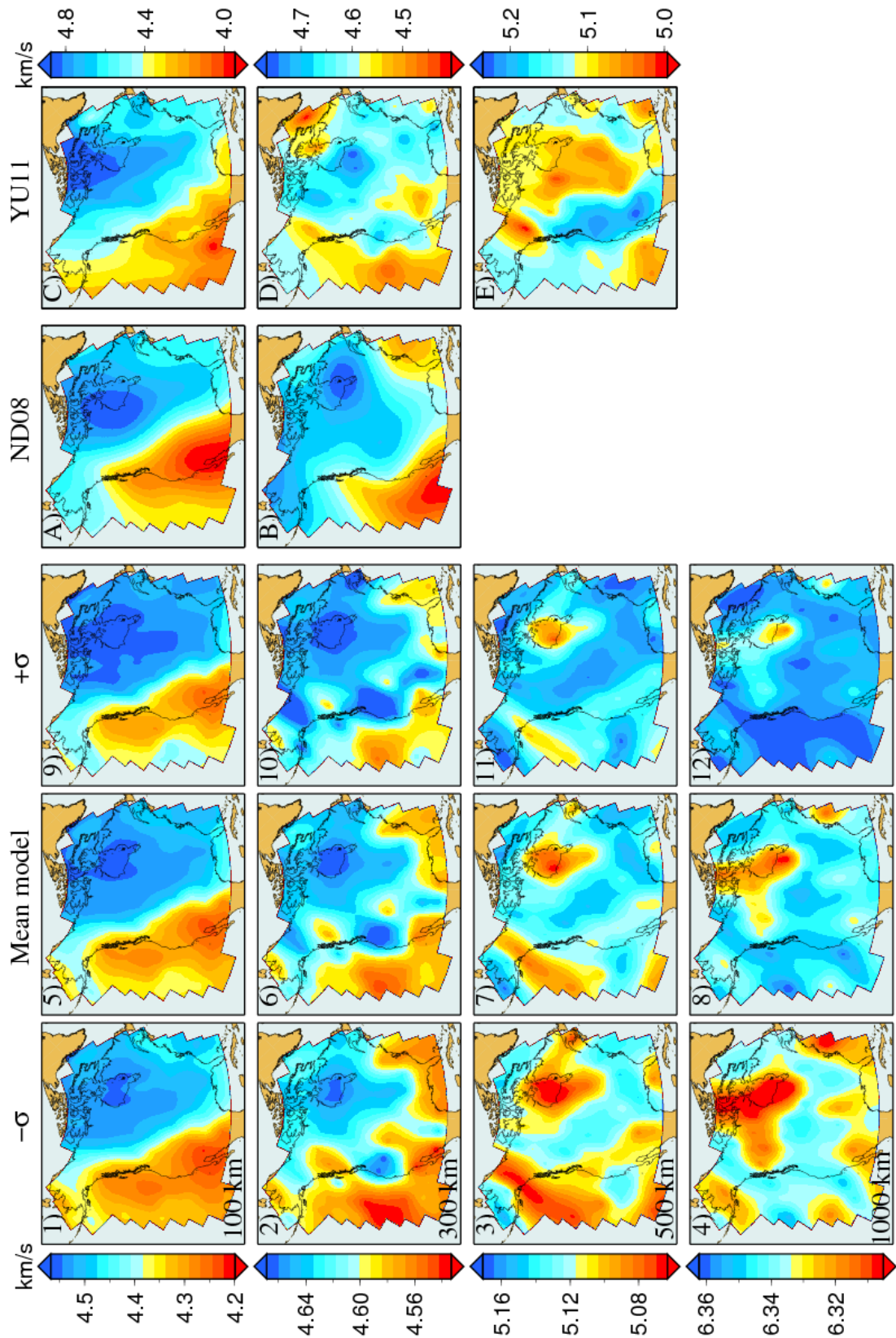


Figure S2. Mean isotropic shear-wave velocities (plots 5–8) and mean \pm standard deviation (plots 1–4 and 9–12) computed directly from the posterior probability distributions.

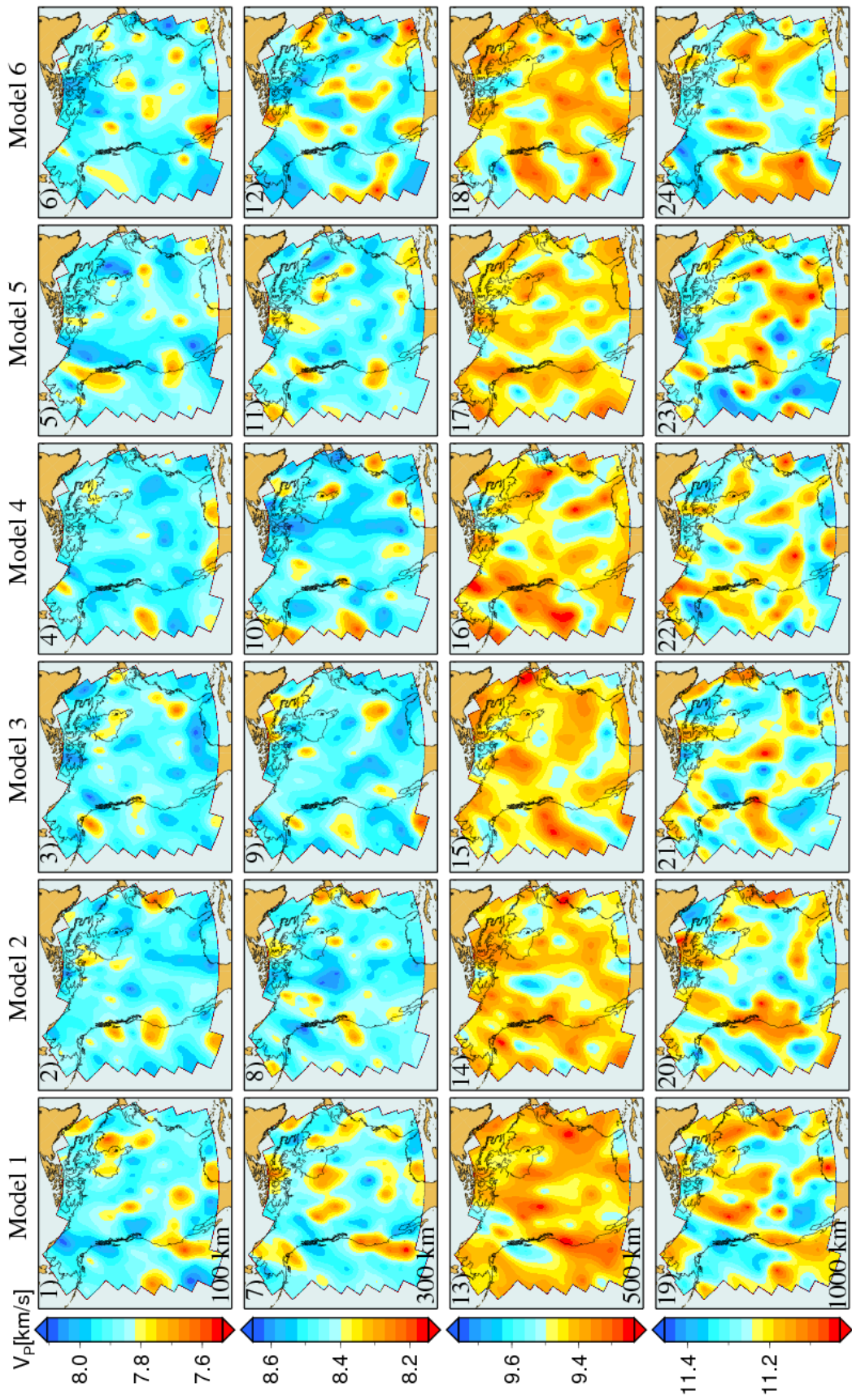


Figure S3. Prior isotropic P-wave velocity movie.

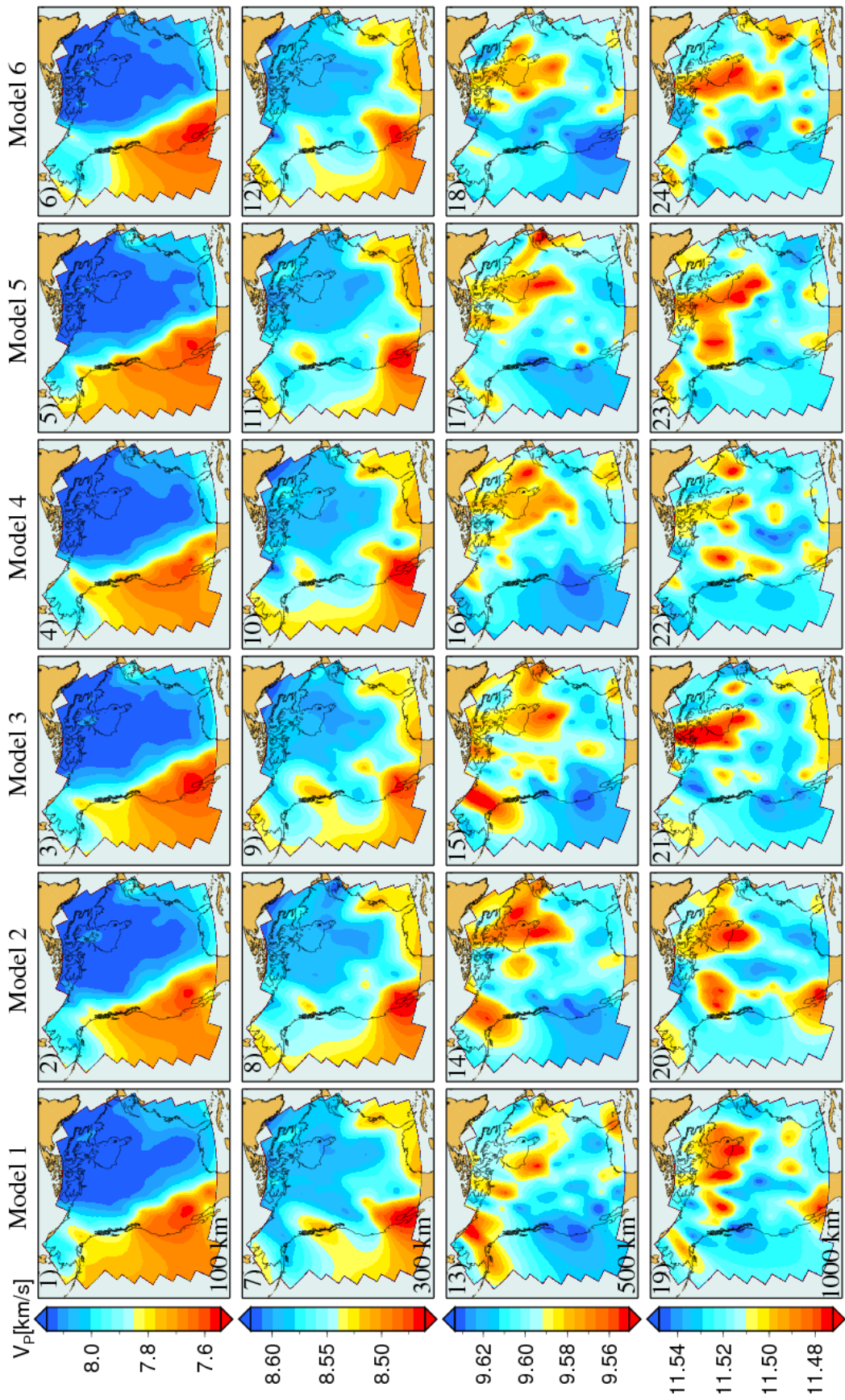


Figure S4. Posterior isotropic P-wave velocity movie.

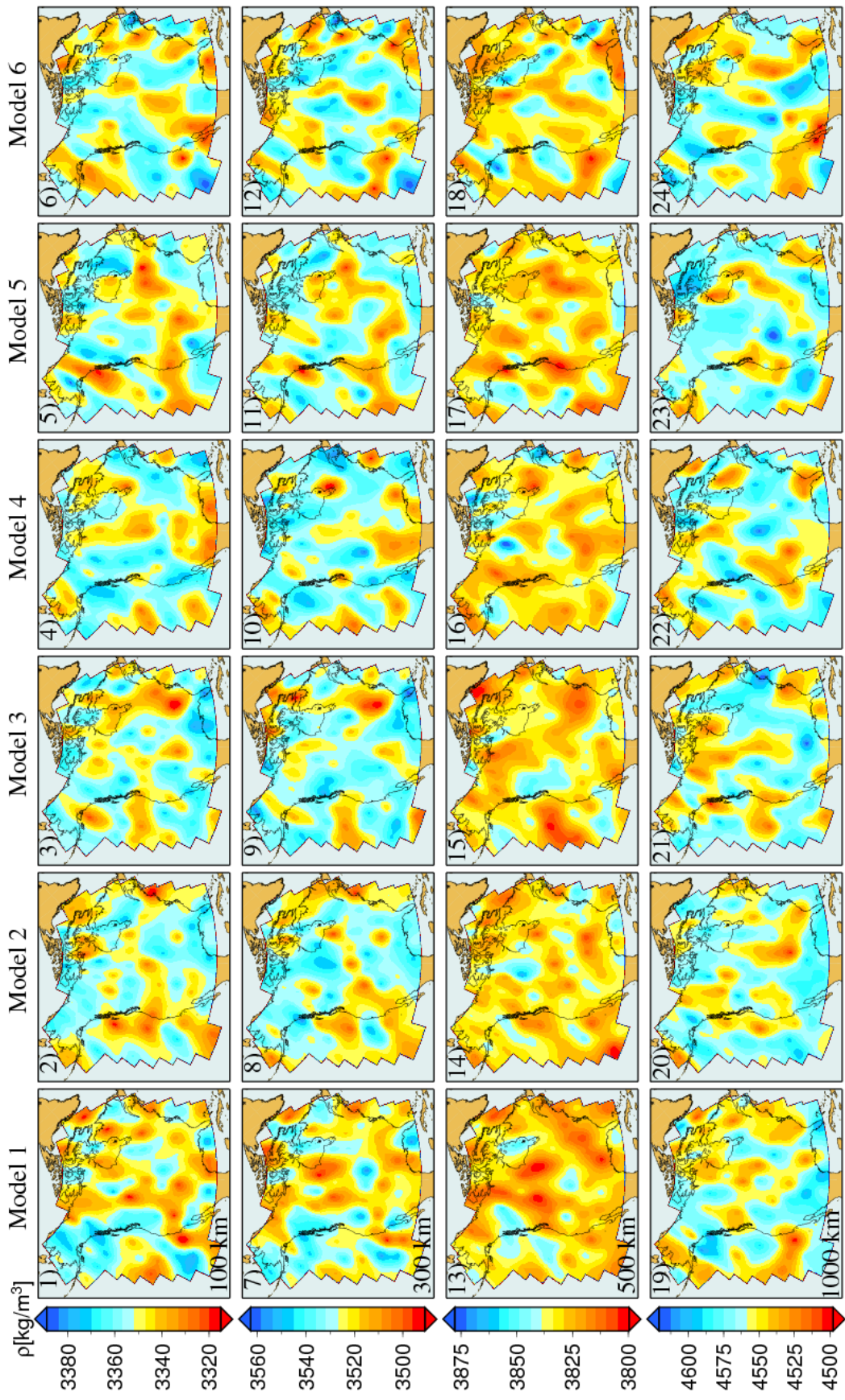


Figure S5. Prior density movie.

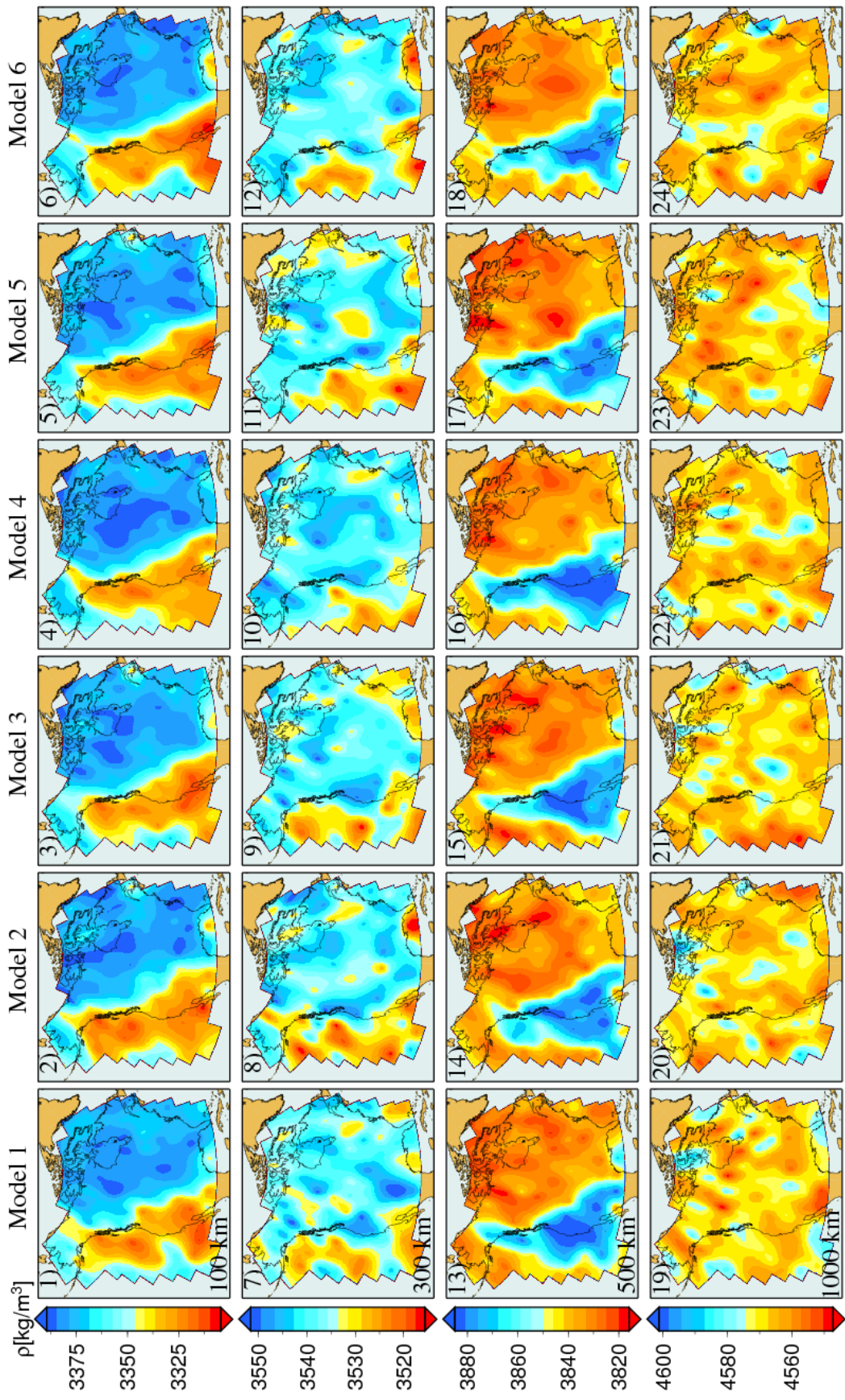


Figure S6. Posterior density model movie.

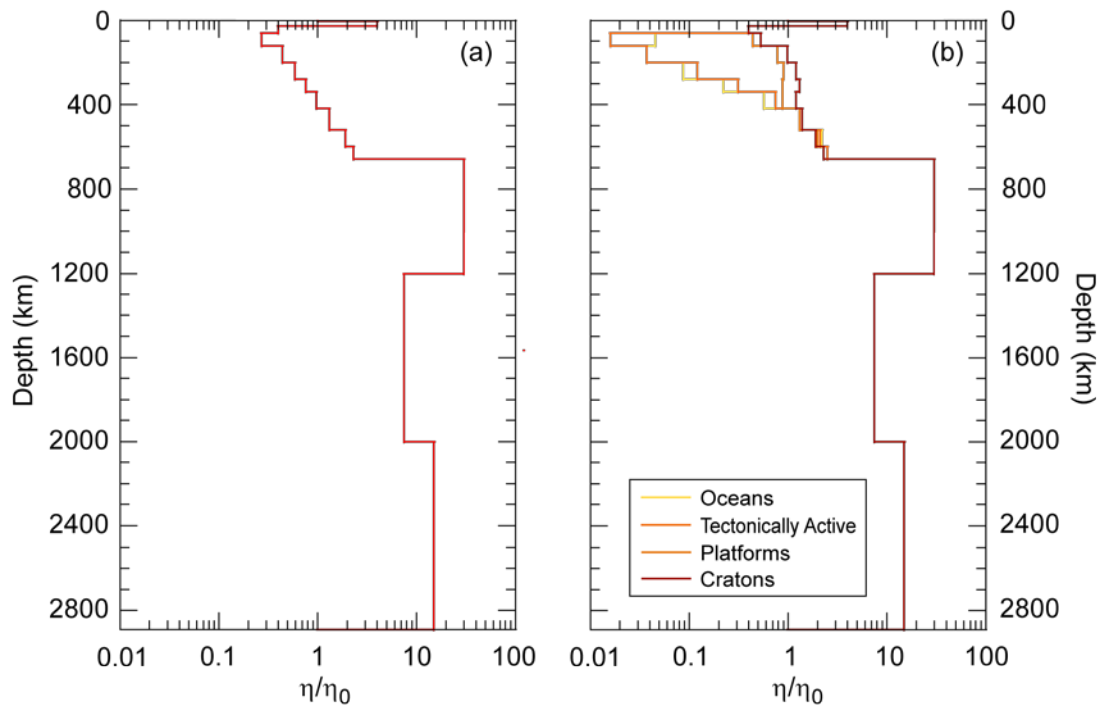


Figure S7. The two viscosity models considered in this study.

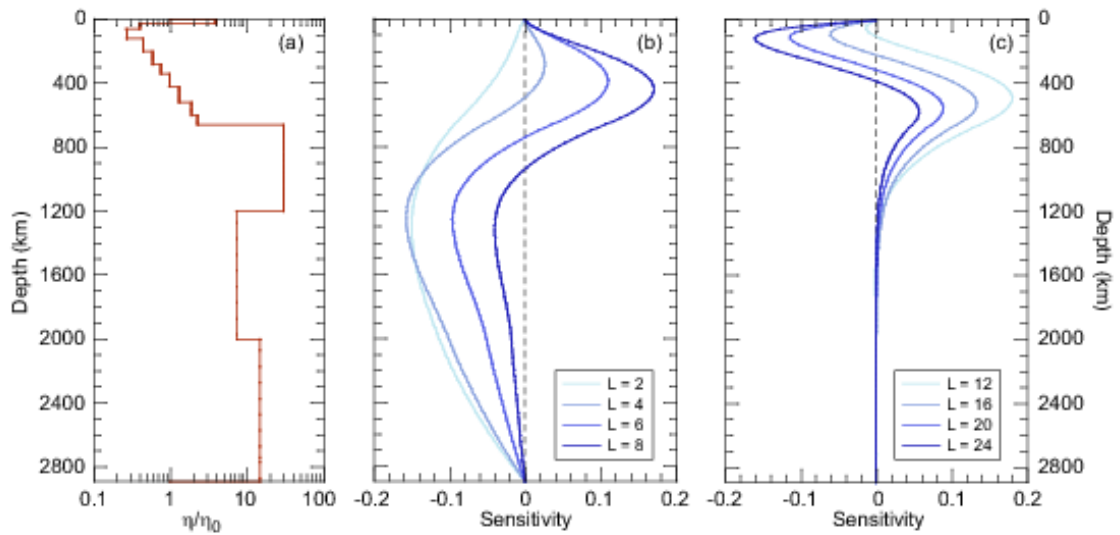


Figure S8. Continental average viscosity profile and associated geoid kernels for spherical harmonic degrees 2, 4, 6, and 8, and 12, 16, 20, and 24.