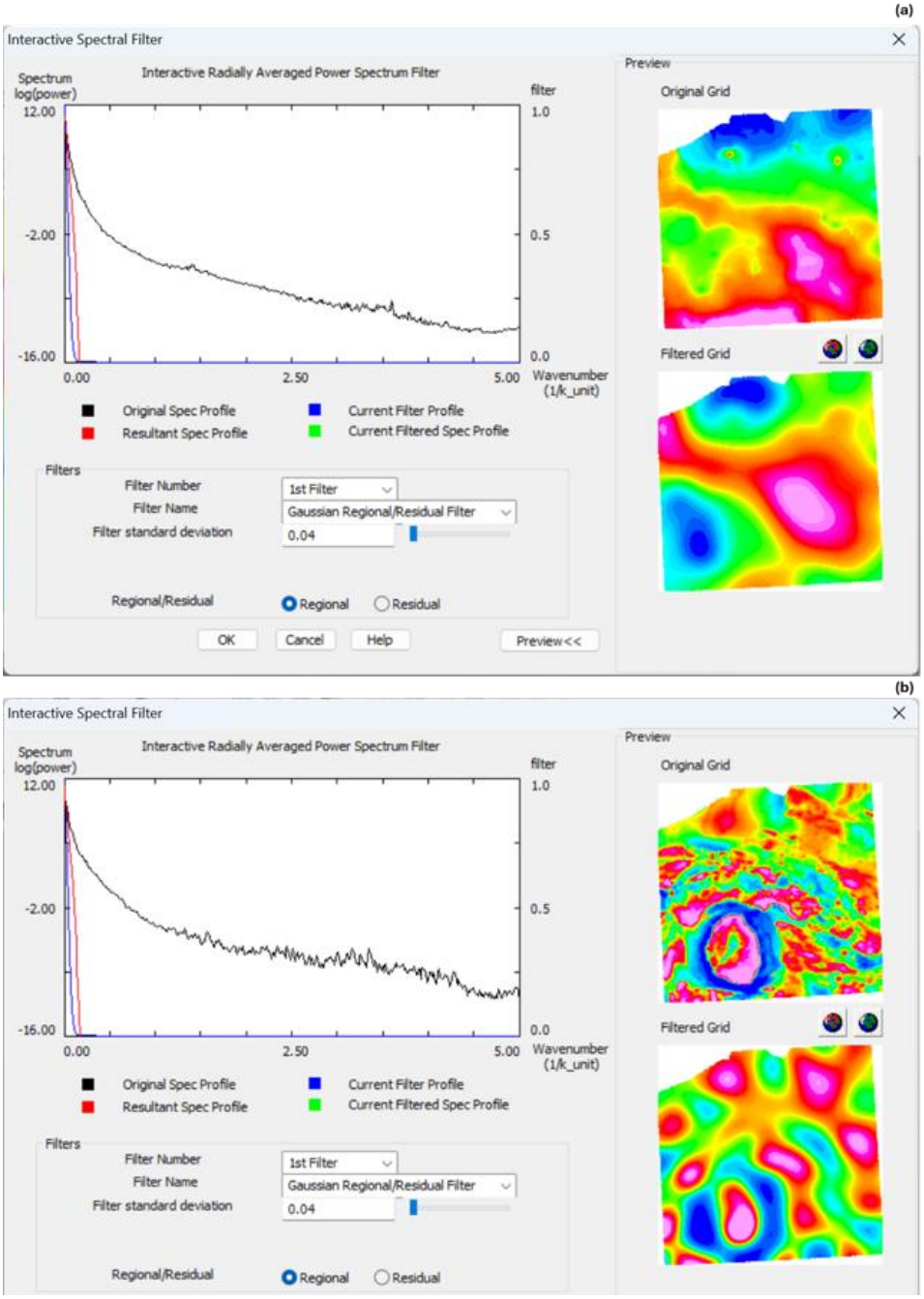
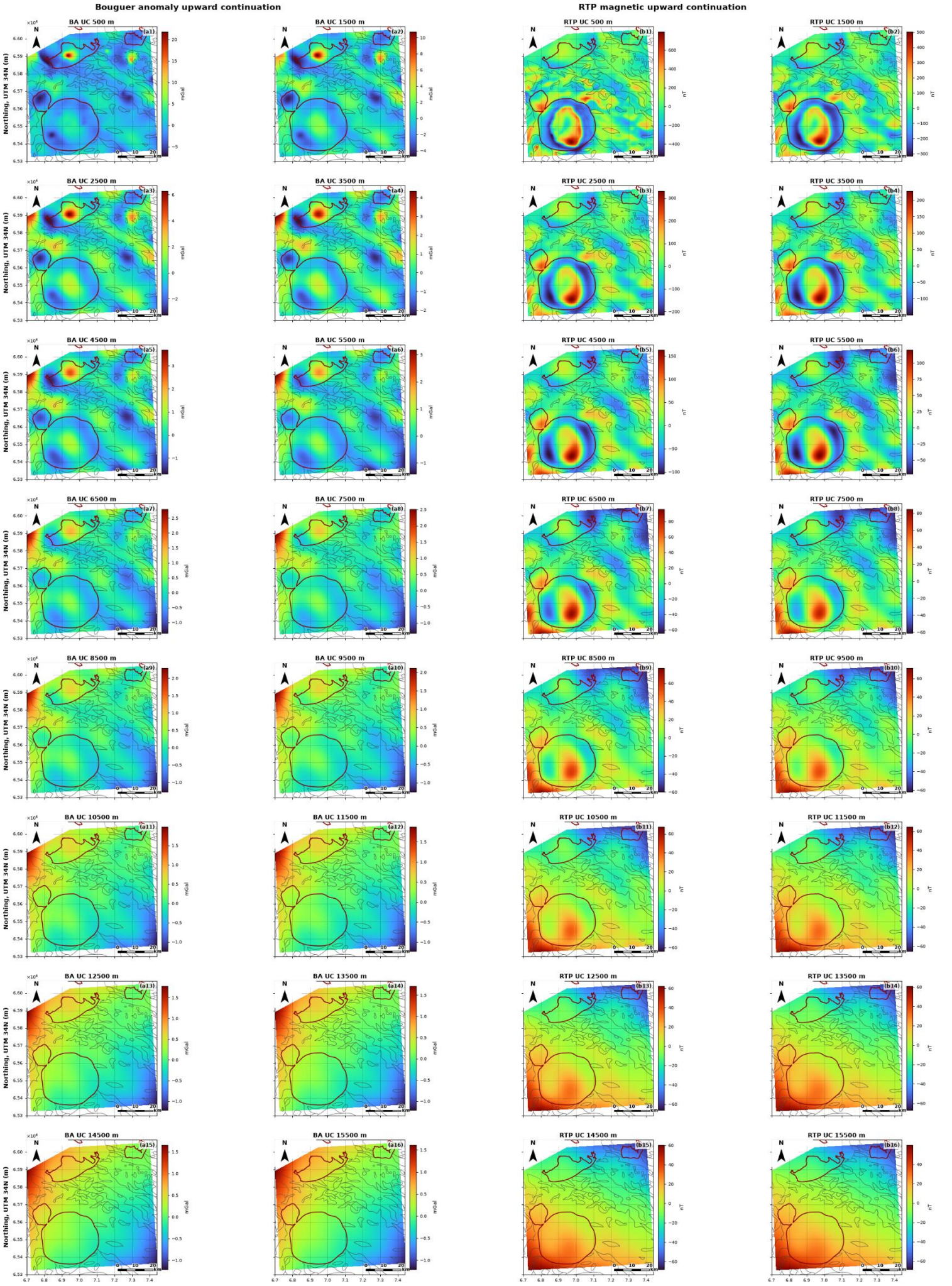
Supplementary material of the „Contrasting 3-D Structures of Estonian Rapakivi Intrusions: Insights from Gravity and Magnetic Inversion Within the Paldiski–Pskov Deformation Zone“ article

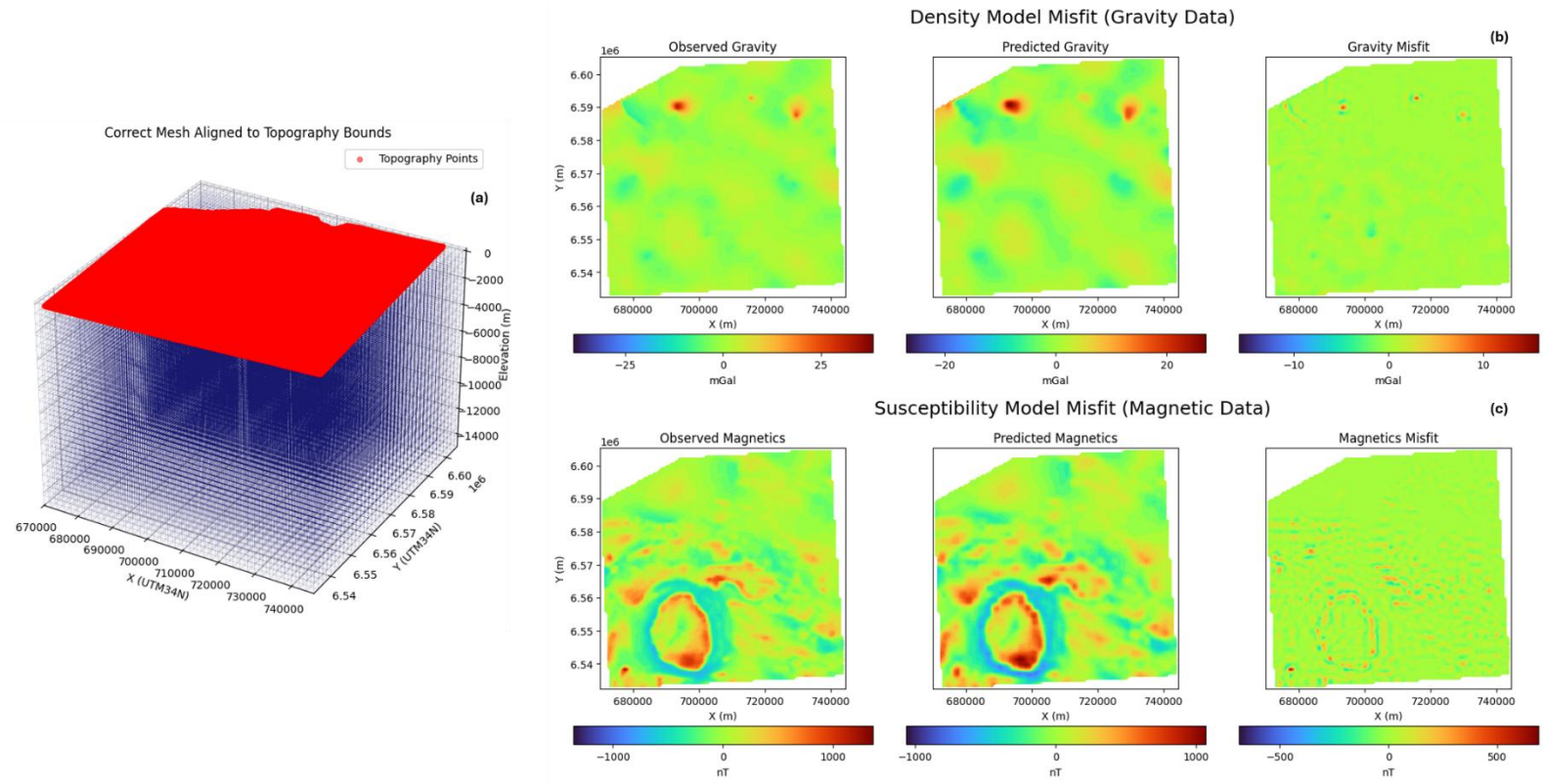
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*FigureS1. Spectral filtering analysis of the gravity and magnetic datasets. **(a)** Interactive radially averaged power-spectrum filtering used to separate regional and residual components of the Bouguer gravity field, and **(b)** equivalent filtering of the RTP magnetic field; the original and filtered grids are shown together with their corresponding log-power spectra.*



*FigureS2. **(a)** Upward continuation of the residual Bouguer anomaly from 500 to 15,500 m, and **(b)** upward continuation of the RTP magnetic anomaly over the same elevation range. Individual colour scales are used for each continuation level to emphasize the progressive smoothing, attenuation, and lateral persistence of the principal potential-field anomalies with increasing continuation height. Geological boundaries and mapped rapakivi intrusion outlines are superimposed for spatial reference.*



FigureS3. ***(a)*** *3D tensor mesh and topography points used in the inversion; the mesh is refined near the surface and fully active below the red topographic surface.* ***(b)*** *Gravity data: observed residual Bouguer anomaly, predicted response from the recovered density model, and misfit.* ***(c)*** *Magnetic data: observed RTP anomaly, predicted response from the recovered susceptibility model, and misfit. Colorbars indicate data ranges in mGal and nT, respectively.*