

Supplementary Materials for

Appraisal of Magnetotelluric and Magnetovariational Transfer Functions Selection in 3-D Inversion

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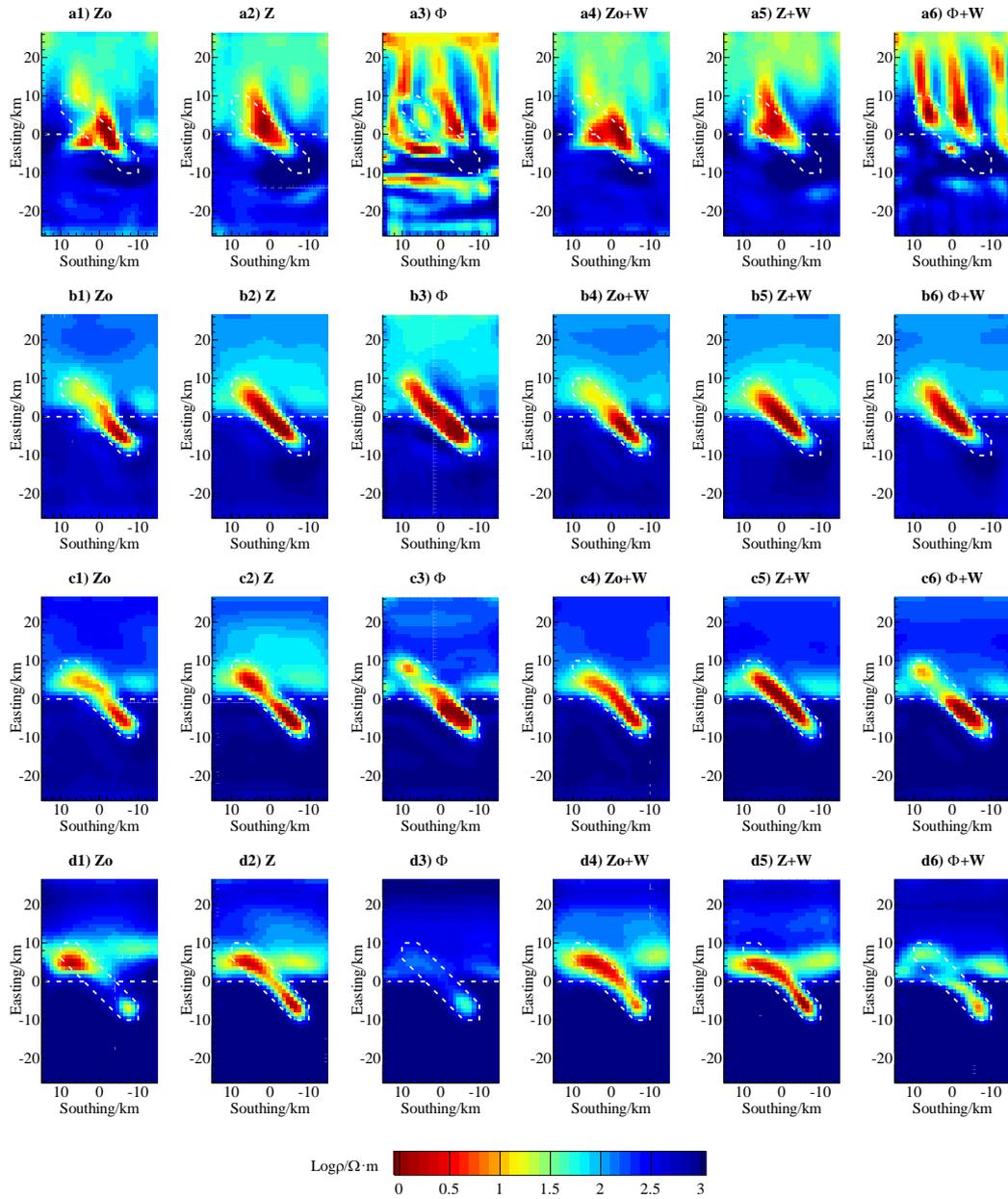


Figure S1 Resistivity models obtained from inversion of different transfer functions data, displayed as horizontal slices at depth of 4km and across the array. Horizontal slices showing the results of the inversion processes with homogeneous half-space models of a) 10, b) 100, c) 300, and d) 1000 $\Omega\cdot\text{m}$.

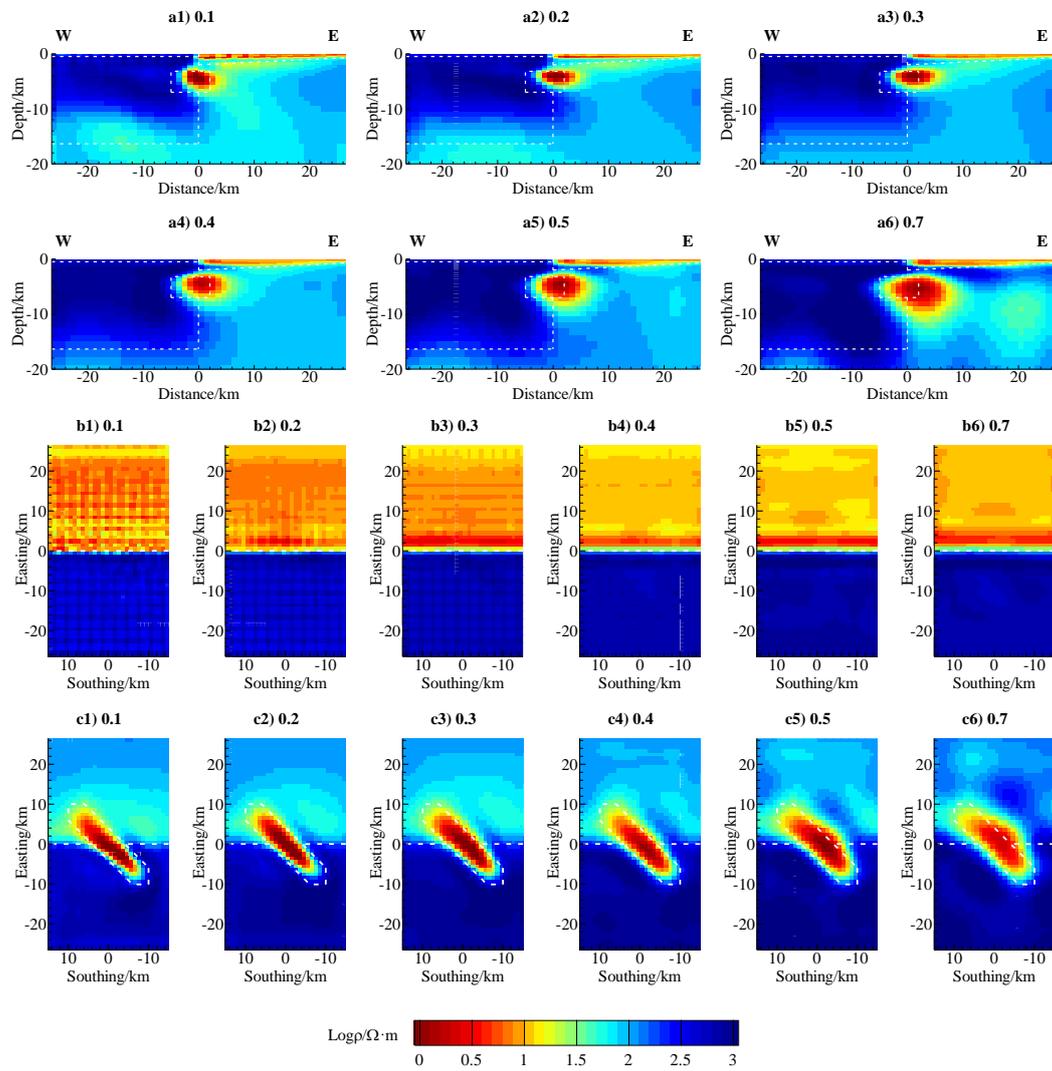


Figure S2 Resistivity models obtained from inversion of **Z** and **W** responses with different model covariance smoothing parameters of 0.1, 0.2, 0.3, 0.4, 0.5, and 0.7, respectively. a1)–a6) illustrating the electrical resistivity model beneath a W–E profile ($y=-1.5\text{km}$), the following Figures b1)–b6) and c1)–c6) representing the horizontal slices at 400 m depth and 4000 m depth, respectively.