

INDOV_{SY}24: A 3D SHEAR WAVE VELOCITY MODEL OF THE LITHOSPHERE-ASTHENOSPHERE SYSTEM BENEATH THE INDIAN OCEAN

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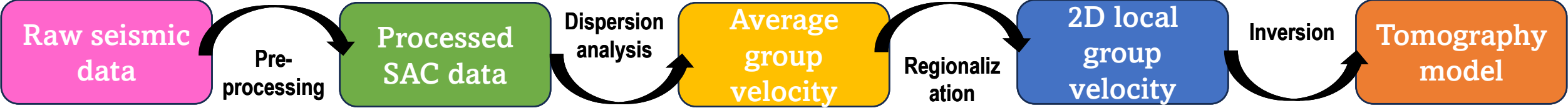
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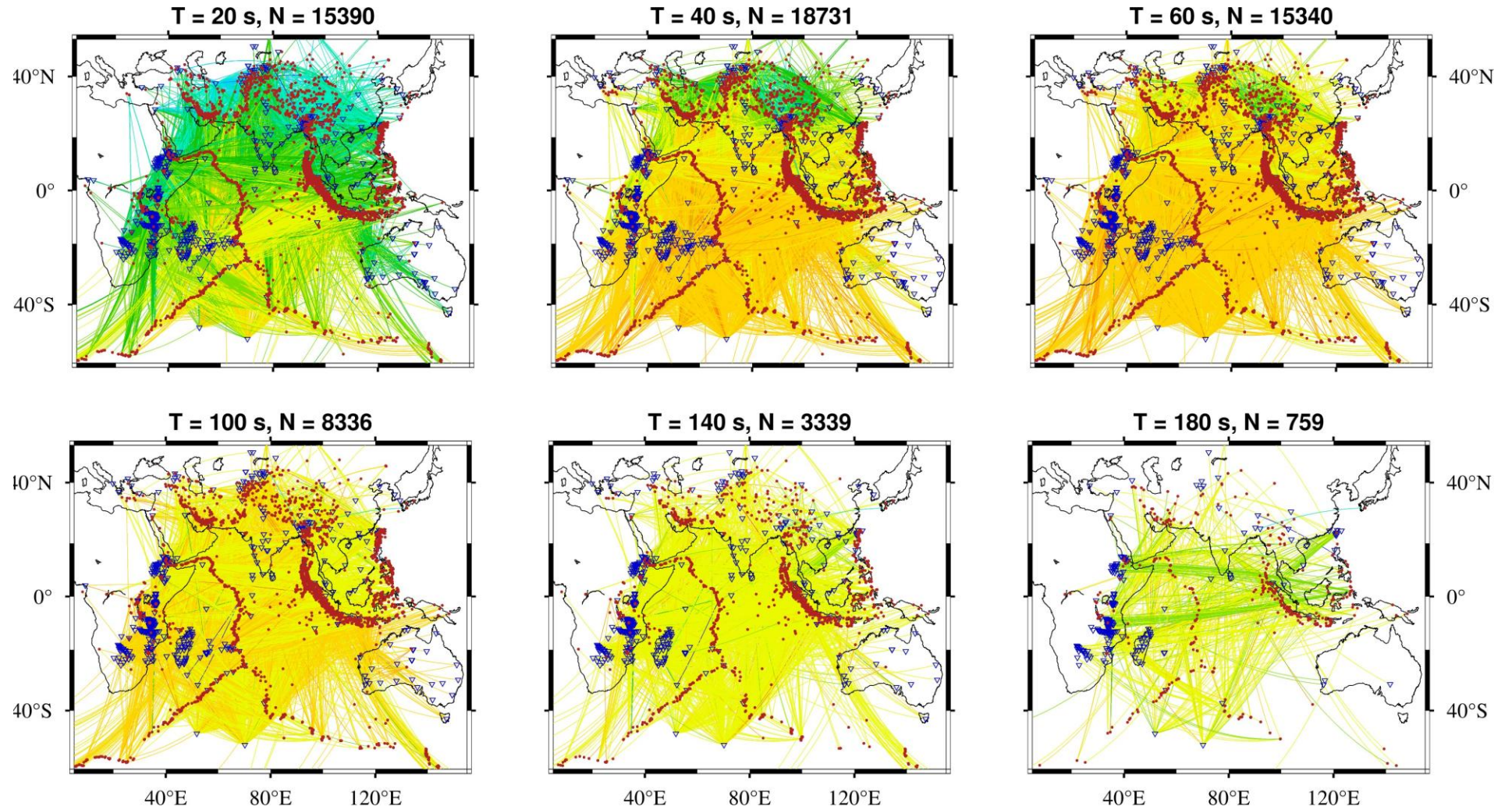
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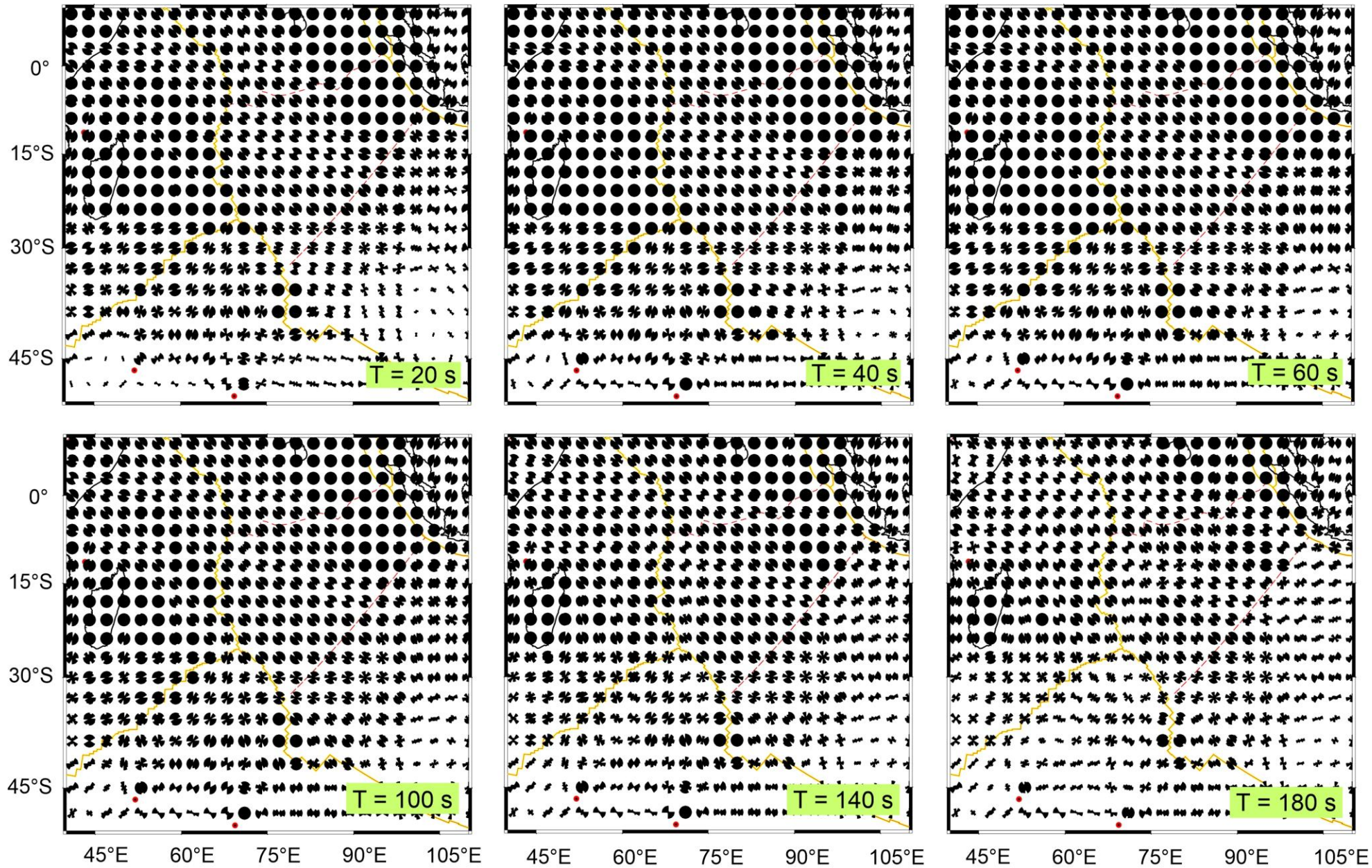


Ray path coverage map



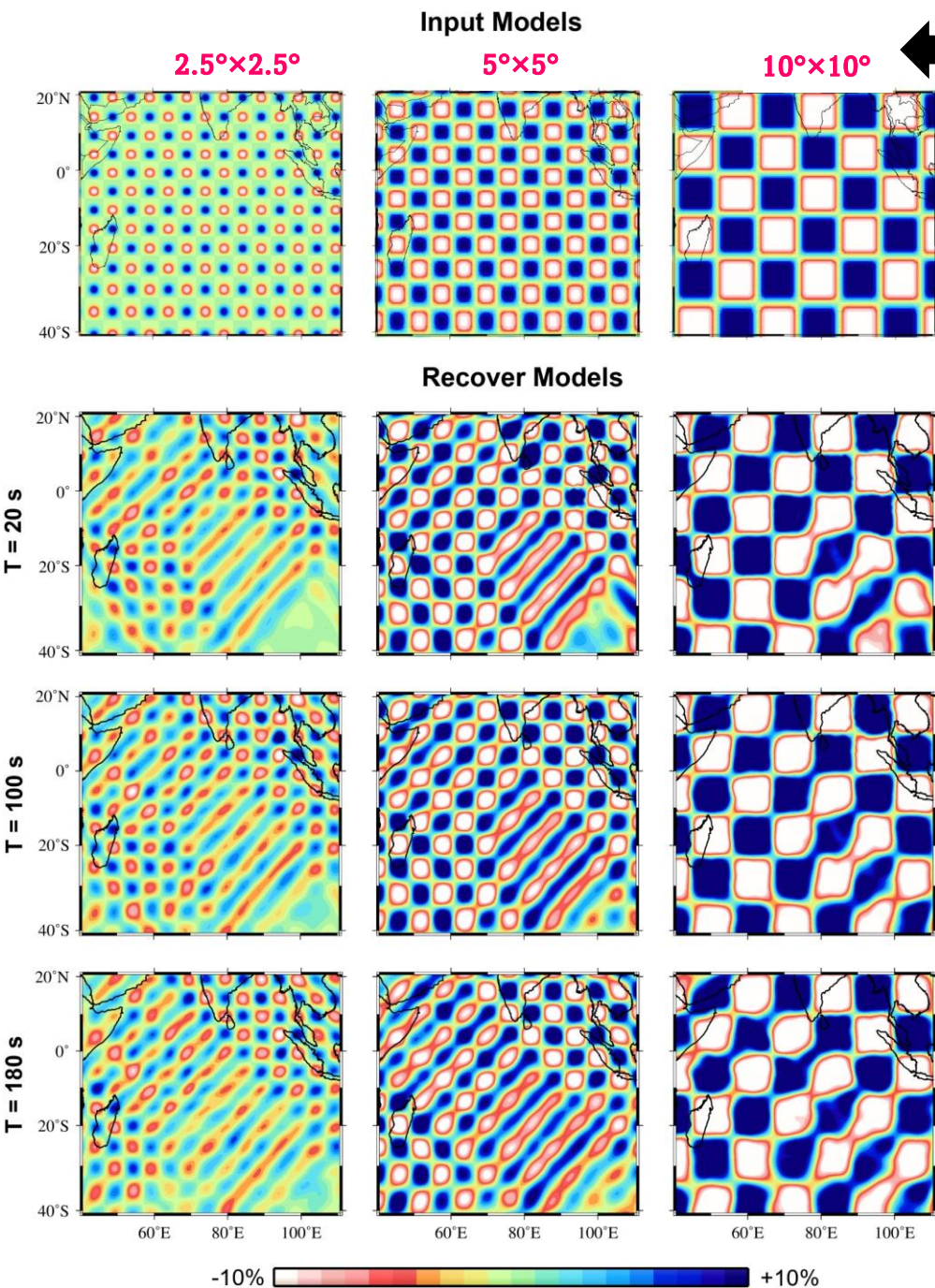
(Silpa et al., 2025; JGR-Solid Earth)

Azimuthal coverage map



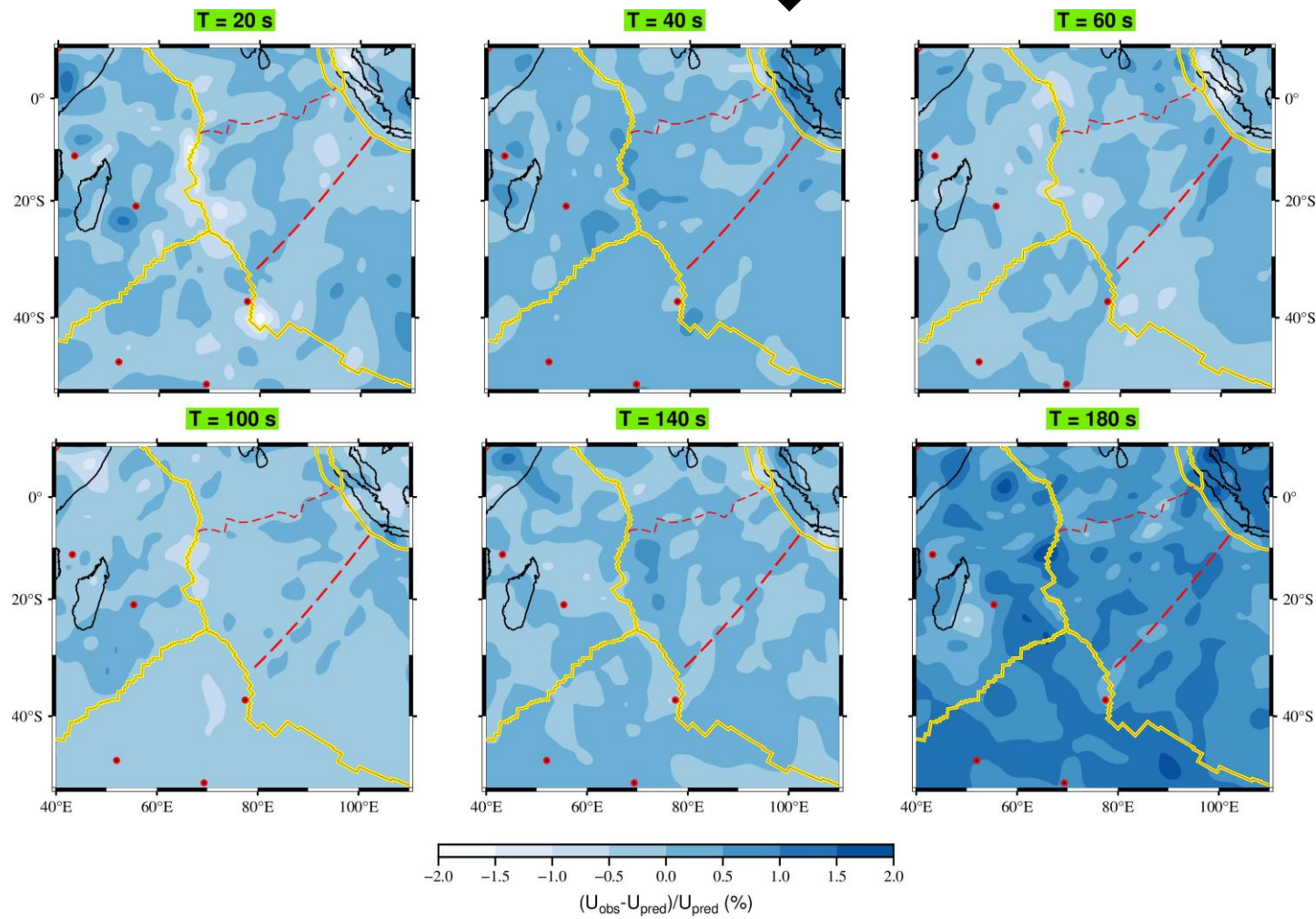
(Silpa et al., 2025; JGR-Solid Earth)





**CHECKERBOARD
RESOLUTION TEST**

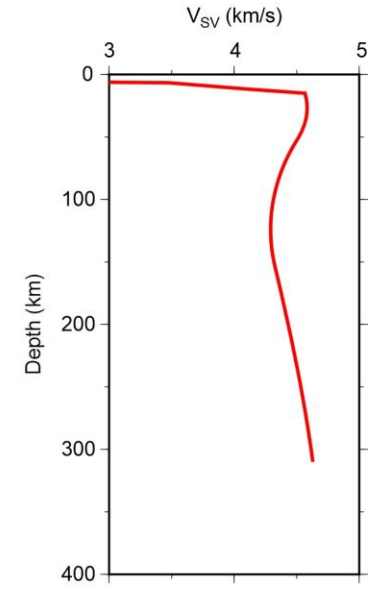
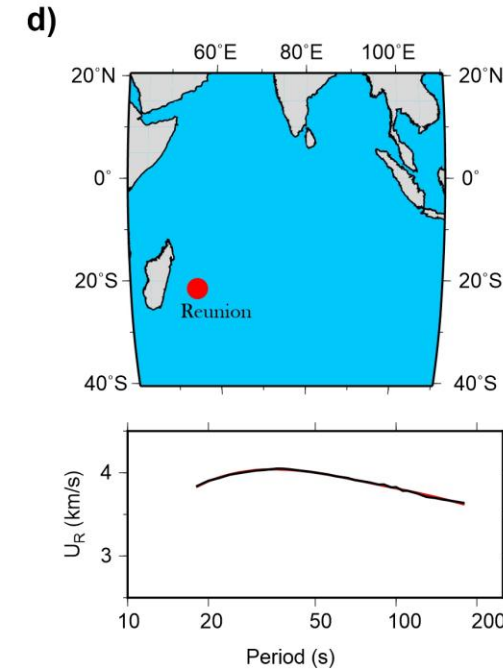
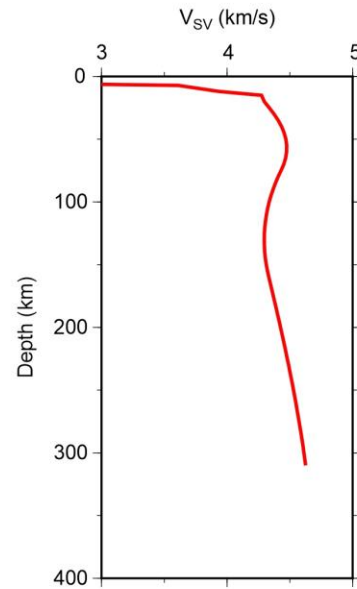
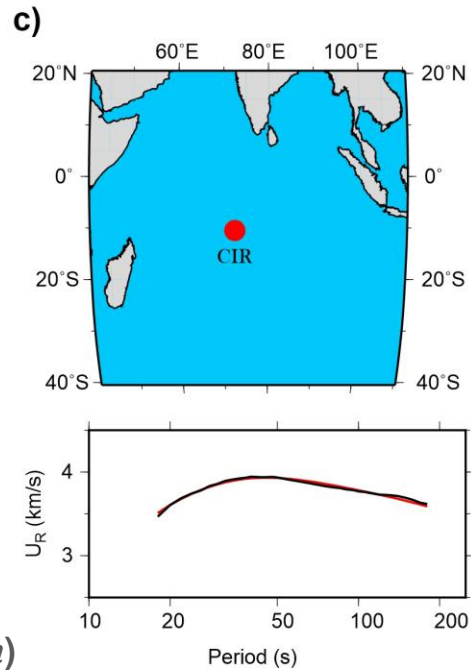
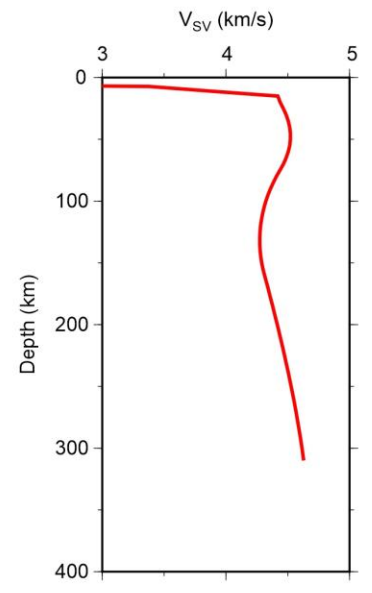
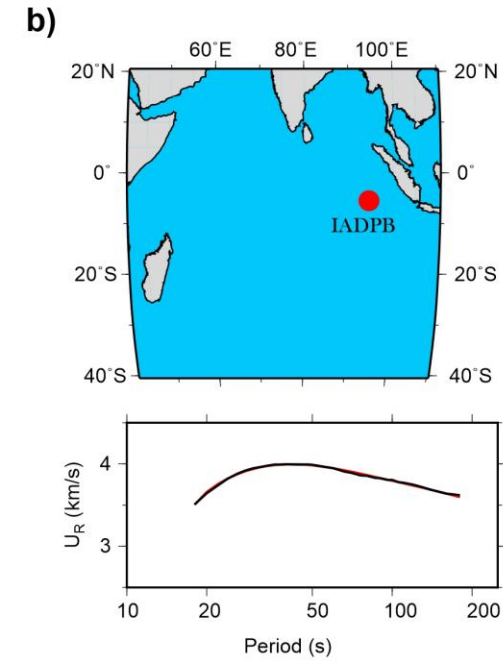
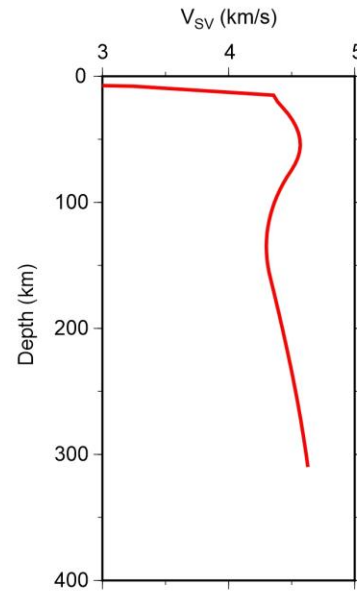
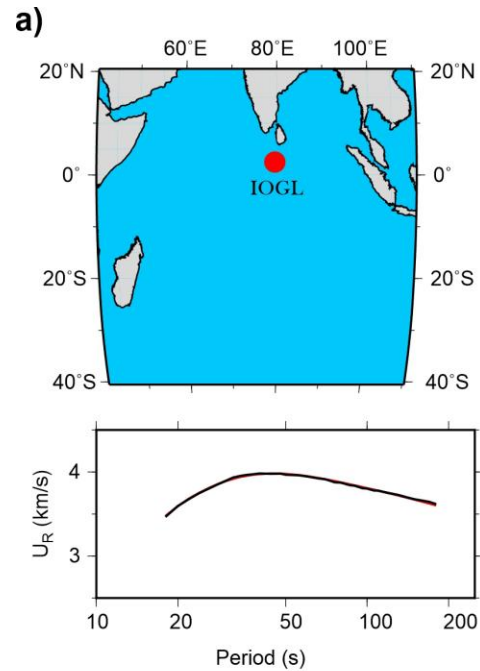
RESIDUAL MAPS



The misfit between observed and predicted group velocities is within $\pm 2\%$ across the study area.

(Silpa et al., 2025; JGR-Solid Earth)

1D inversion results at selected grid points



(Silpa et al., 2025; JGR-Solid Earth)