Supporting Information for "Crust and Upper Mantle Structure Associated with Extension in the Woodlark Rift, Papua New Guinea from Rayleigh-wave Tomography"

Ge Jin,[1] James B. Gaherty,[1] Geoff Abers,[2] Younghee Kim,[3] Zachary Eilon,[1]

W. Roger Buck,[1]

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1. Figures S1 to S2

Introduction This supplement file includes two figures that demonstrate the resolution tests of the ambient-noise tomography, both at the period of 17 s. The results suggest

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Corresponding author: Ge Jin, Lamont-Doherty Earth Observatory, Seismology, 91 Route 9W, Palisades, NY 10964, USA. (ge.jin@ldeo.columbia.edu)

[1]Lamont Doherty Earth Observatory,

Columbia University

[2]Earth and Atmospheric Science, Cornell

University

[3]School of Earth and Environmental

Sciences, Seoul National University

that the absolute velocity of larger, linear features such as the ridge beneath the DI is retrieved fairly well, and the smaller 40x40 km features can be well spatially located.

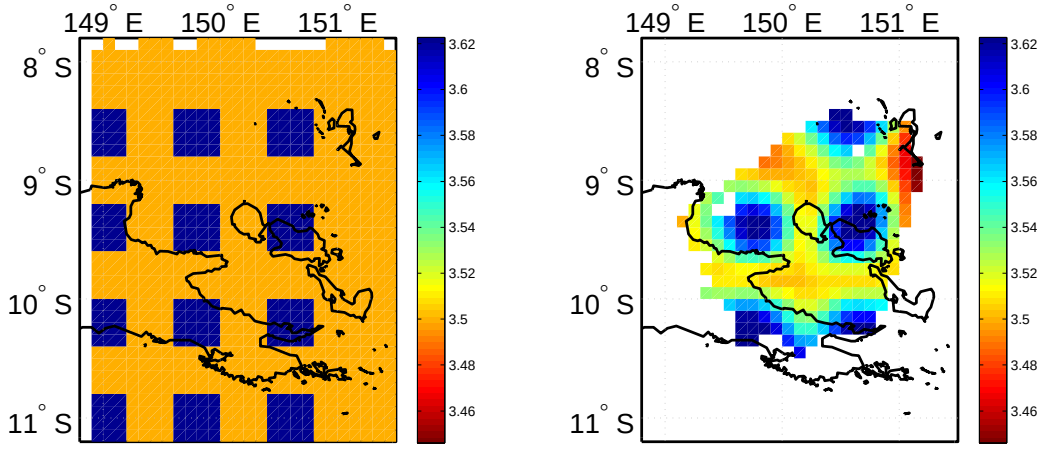

Figure S1. Checkerboard test of the ambient-noise tomography at 17-s period. Left: input velocity. Right: output velocity

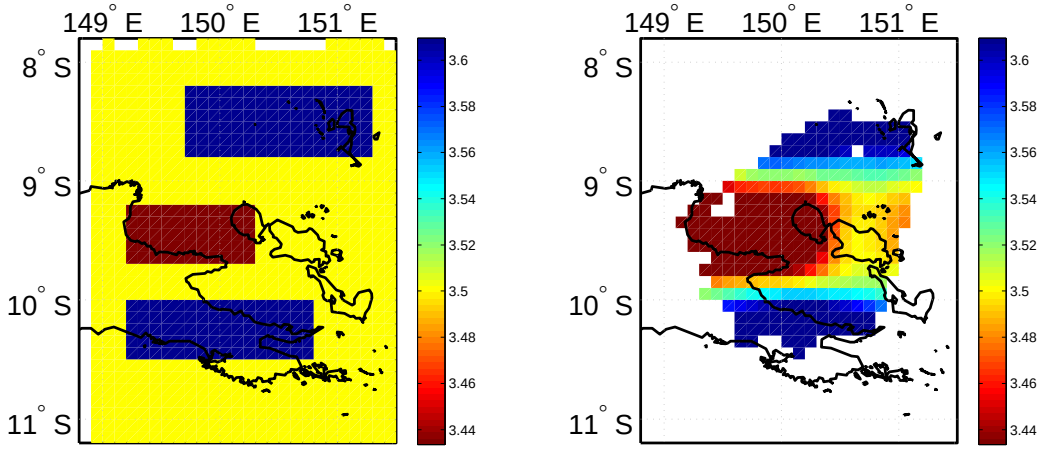

Figure S2. Spike test of the ambient-noise tomography at 17-s period. Left: input velocity. Right: output velocity