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Supporting Information 1 for

In-situ V_p/V_s ratio reveals fault-zone material variation at the westernmost Gofar transform fault, East Pacific Rise

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Introduction

This supplementary information contains Supplementary Figures 1–5.

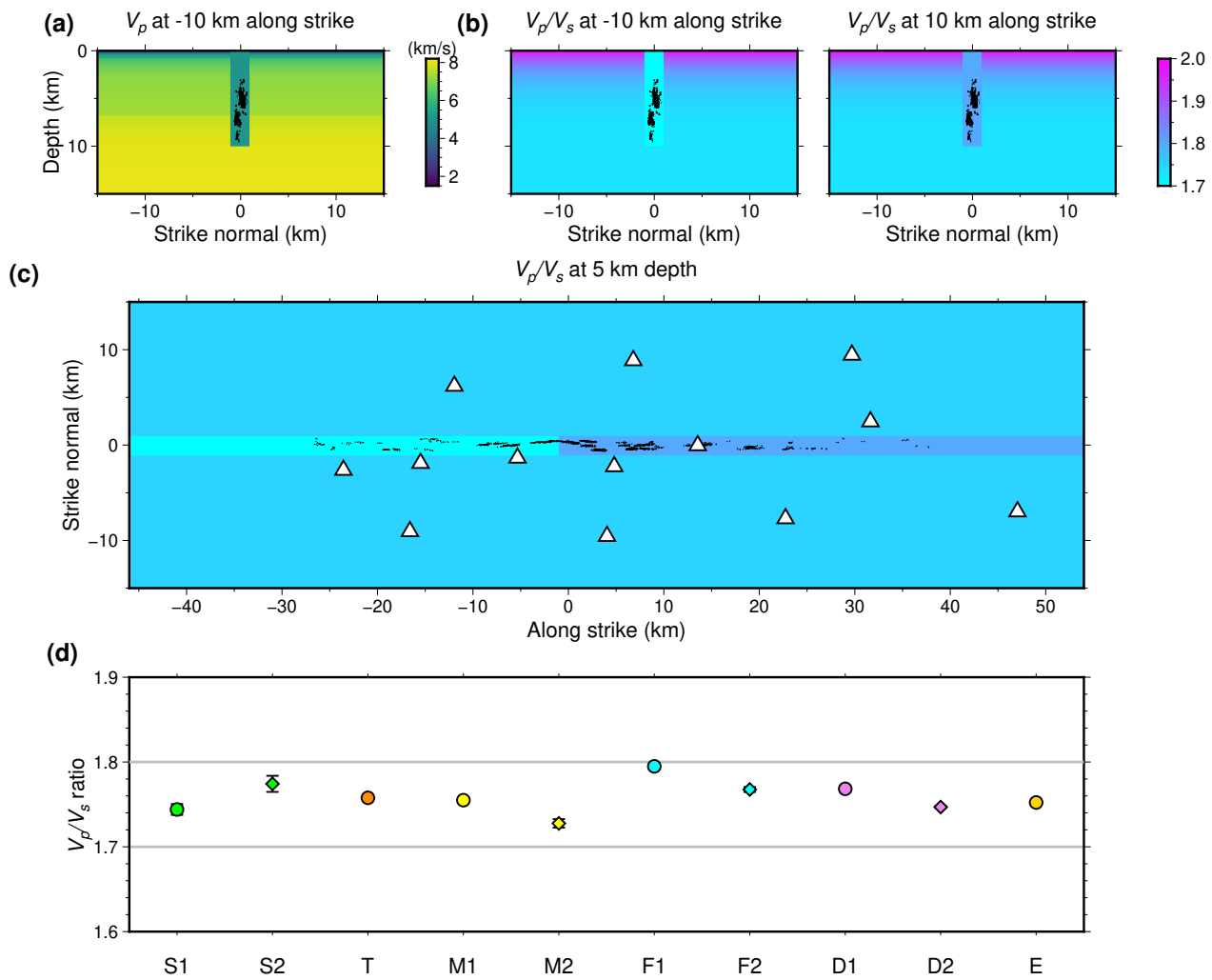


Figure S1. Similar to Fig. 9, but for a fault zone width of 2 km (Model 3).

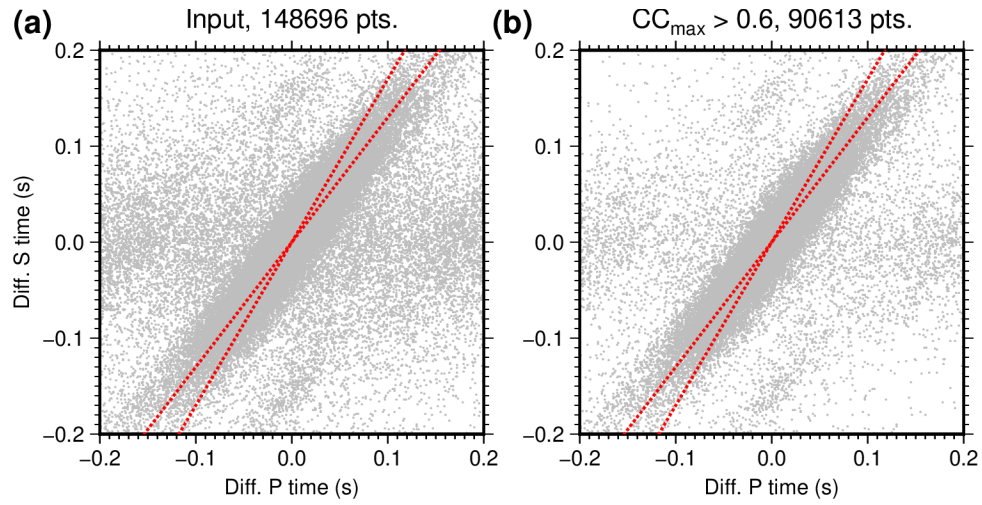


Figure S2. Comparison between (a) all differential P and S arrival times of D1 and (b) the differential arrival times of D1 with a cross-correlation value > 0.6. Dashed red lines: Lines with slope = 1.3 and 1.7.

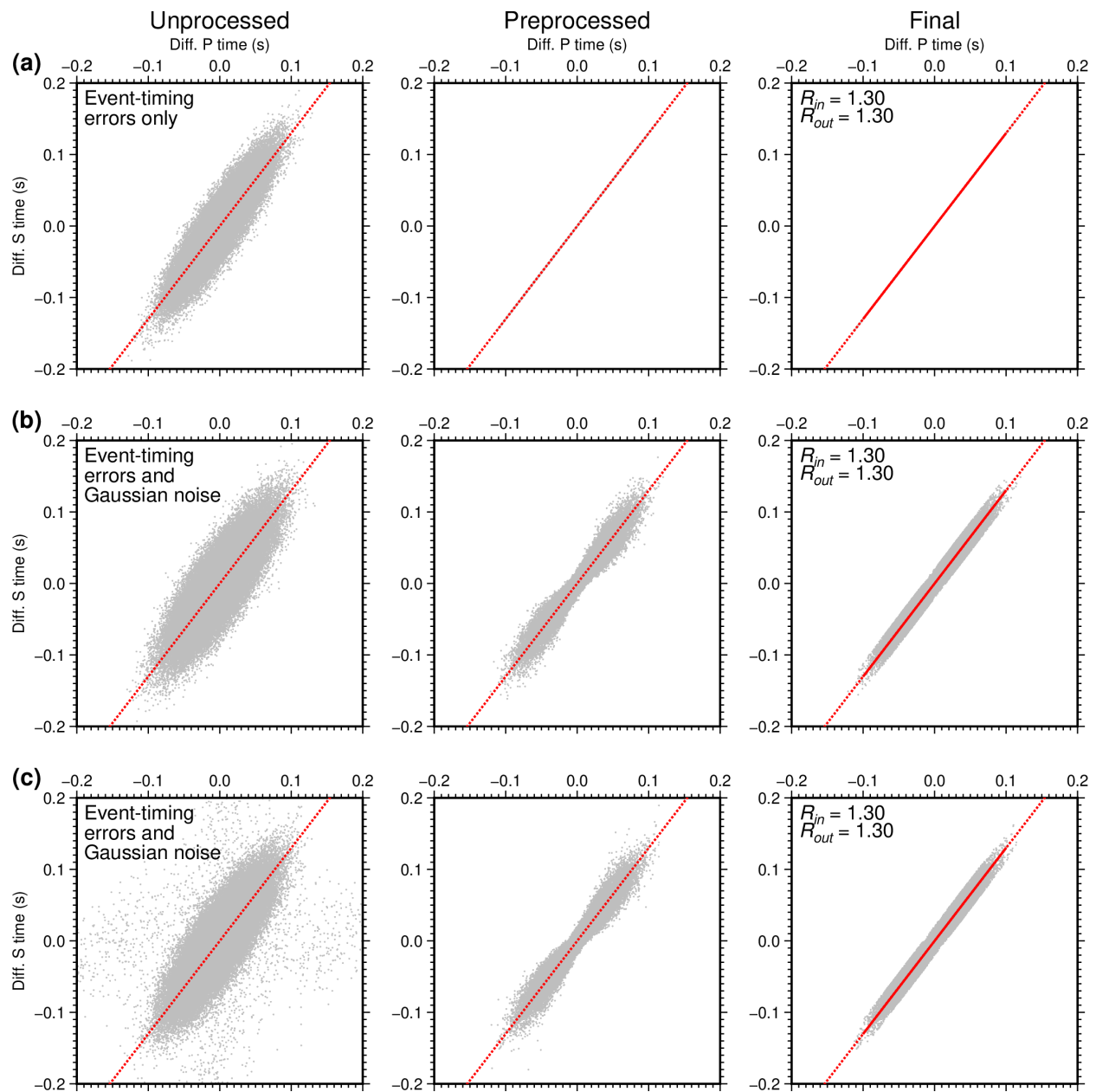


Figure S3. Similar to Fig. 12, but for an input V_p/V_s ratio of 1.30.

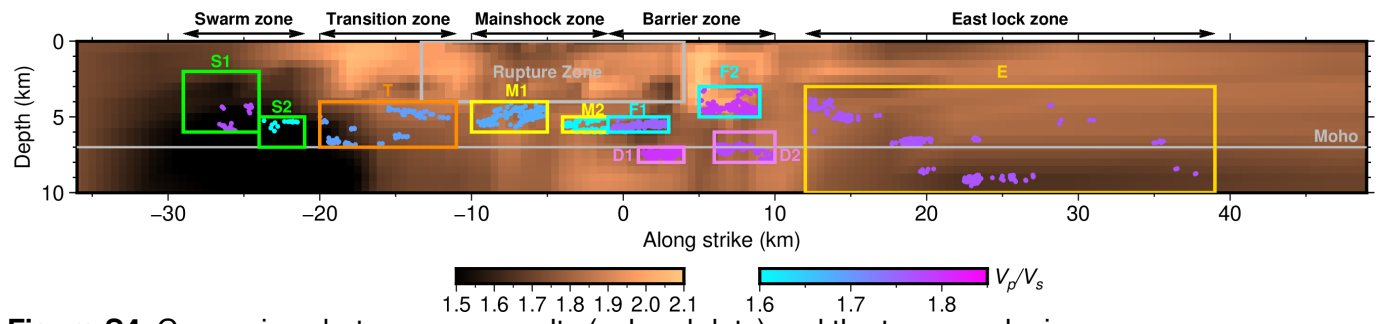


Figure S4. Comparison between our results (colored dots) and the tomography image (background image) from Guo et al. (2018).

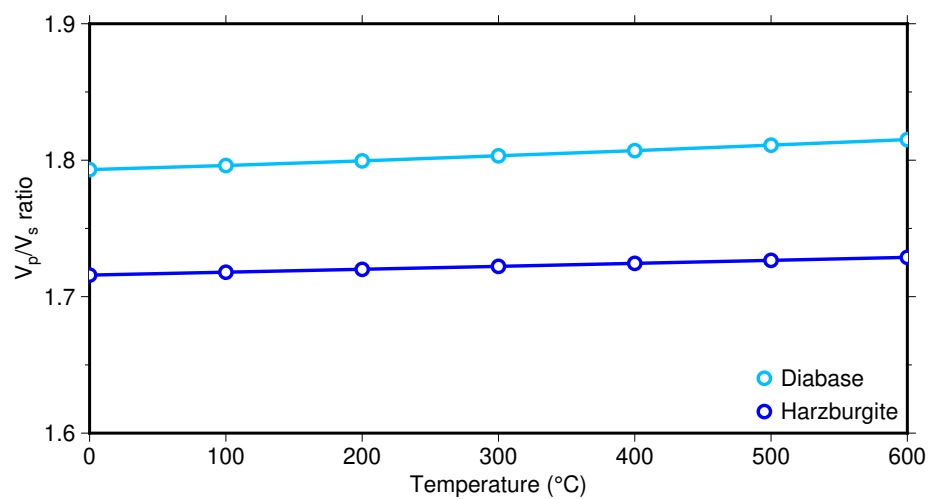


Figure S5. V_p/V_s ratios of diabase and harzburgite as functions of temperature in 0–600 °C at 150 MPa.