Ridgecrest 1D velocity model

Developed by Malcolm White

Estimated by Malcolm White by combining and discretizing the models from Lin et al. (2007; 25% weighting), Zhang and Lin (2014; 25% weight) and White et al. (2021; 50% weight).

Z(km) Vp(km/s) Vs(km/s)

1. 4.96 2.93

 1 5.14 3.01

 2 5.45 3.14

 4 6.07 3.52

 8 6.12 3.62

16 6.24 3.72

32 7.12 4.01



Figure. (left) Geology of the region, with area of applicability in black box. (right) 1D P and S wave velocity model for the region (black curves in right panel), estimated by Malcolm White by combining and discretizing the models from Lin et al. (2007; 25% weighting), Zhang and Lin (2014; 25% weight) and White et al. (2021; 50% weight).

References:

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