M7.6, Vertical Strike-Slip with Surface Rupture, 50 km 10<sup>1</sup> **500 Events** 50000 Records 10<sup>0</sup> RotD50 Sa (g) 10 10<sup>-2</sup> 10<sup>-3</sup> 9 10 5 7 8 2 3 4 Period (s)

-NGA-W2 Mean Prediction — Individual - Acceptance Criteria ■ Simulation Median - ± - Extrema

DATASET #1 (line: Solid, width=3.0; color: 0,0,0) NGA-W2 Mean Prediction DATASET #2 (line: Solid, width=1.0; color: 0,0,0) Individual DATASET #3 (line: Solid, width=1.0; color: 0,0,0) null DATASET #4 (line: Solid, width=1.0; color: 0,0,0) null DATASET #5 (line: Solid, width=1.0; color: 0,0,0) null DATASET #6 (line: Solid, width=1.0; color: 0,0,0) null DATASET #7 (line: Dashed, width=2.0; color: 0,0,0) Acceptance Criteria DATASET #8 (line: Dashed, width=2.0; color: 0,0,0) null DATASET #9 (symbol: Filled Squares, width=4.0; color: 255,0,0) Simulation Median DATASET #10 (line: Solid, width=2.0; color: 0,0,255) DATASET #11 (line: Solid, width=2.0; color: 0,0,255) DATASET #12 (line: Solid, width=2.0; color: 0,0,255) DATASET #13 (line: Solid, width=2.0; color: 0,0,255) DATASET #14 (line: Solid, width=1.0; color: 0,0,0) Extrema

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