M7.2, Vertical Strike-Slip with Surface Rupture, 20 km 10<sup>1</sup> 100 Events 1800 Records 10<sup>0</sup> RotD50 Sa (g) 10 10<sup>2</sup> 10<sup>-3</sup> 9 10 5 2 7 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: 128,128,128) null DATASET #8 (line: Dashed, width=2.0; color: 128,128,128) null DATASET #9 (line: Dashed, width=2.0; color: 0,0,0) Acceptance Criteria DATASET #10 (line: Dashed, width=2.0; color: 0,0,0) null DATASET #11 (symbol: Filled Squares, width=4.0; color: 255,0,0) Simulation Median 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=2.0; color: 0,0,255)

DATASET #15 (line: Solid, width=2.0; color: 0,0,255)

DATASET #16 (line: Solid, width=1.0; color: 0,0,0)

Extrema

DATASET #17 (line: Solid, width=1.0; color: 0,0,0)

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DATASET #166 (symbol: Filled Squares, width=4.0; color: 255,0,0) null