M7.6, Vertical Strike-Slip with Surface Rupture, 20 km 10<sup>1</sup> **500 Events** 50000 Records 10<sup>0</sup> RotD50 Sa (g)  $10^{-1}$ 10<sup>-2</sup> 10<sup>-3</sup> 9 10 5 7 2 3 4 Period (s) -NGA-W2 Mean Prediction - NGA-W2 Acceptance Criteria ■ Simulation Median - ± -Extrema

DATASET #1 (line: Solid, width=3.0; color: 0,0,0)

NGA-W2 Mean Prediction

DATASET #2 (line: Dashed, width=2.0; color: 0,0,0)

NGA-W2 Acceptance Criteria

DATASET #3 (line: Dashed, width=2.0; color: 0,0,0)

null

DATASET #4 (symbol: Filled Squares, width=4.0; color: 255,0,0)

Simulation Median

DATASET #5 (line: Solid, width=2.0; color: 0,0,255)

±

DATASET #6 (line: Solid, width=2.0; color: 0,0,255)

DATASET #7 (line: Solid, width=2.0; color: 0,0,255)

DATASET #8 (line: Solid, width=2.0; color: 0,0,255)

DATASET #9 (line: Solid, width=1.0; color: 0,0,0)

Extrema

DATASET #10 (line: Solid, width=1.0; color: 0,0,0)

DATASET #11 (line: Solid, width=1.0; color: 0,0,0)

DATASET #12 (line: Solid, width=2.0; color: 0,0,255)

DATASET #13 (line: Solid, width=2.0; color: 0,0,255)

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DATASET #16 (line: Solid, width=1.0; color: 0,0,0) DATASET #17 (line: Solid, width=1.0; color: 0,0,0) DATASET #18 (line: Solid, width=1.0; color: 0,0,0) DATASET #19 (line: Solid, width=2.0; color: 0,0,255) DATASET #20 (line: Solid, width=2.0; color: 0,0,255) DATASET #21 (line: Solid, width=2.0; color: 0,0,255) DATASET #22 (line: Solid, width=2.0; color: 0,0,255) DATASET #23 (line: Solid, width=1.0; color: 0,0,0) DATASET #24 (line: Solid, width=1.0; color: 0,0,0) DATASET #25 (line: Solid, width=1.0; color: 0,0,0) DATASET #26 (line: Solid, width=2.0; color: 0,0,255) DATASET #27 (line: Solid, width=2.0; color: 0,0,255) DATASET #28 (line: Solid, width=2.0; color: 0,0,255) DATASET #29 (line: Solid, width=2.0; color: 0,0,255) DATASET #30 (line: Solid, width=1.0; color: 0,0,0)

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DATASET #158 (line: Solid, width=1.0; color: 0,0,0)

DATASET #159 (symbol: Filled Squares, width=4.0; color: 255,0,0) null