BSSA2014 Comparison Scatter RSQSim 2.0 s SA (g) 10² 6 5 140 km < rJB < 200 km 4 8 < Mw < 8.52s SA, BSSA2014 3 6 Ruptures 6 7 3 4 BSSA2014 2.0 s SA (g)

DATASET #1 (line: Shaded Transparent Uncertain Dataset, width=1.0; color: 255,255,0)

DATASET #2 (line: Solid, width=1.0; color: 128,128,128)

DATASET #3 (line: Solid, width=2.0; color: 128,128,128)

DATASET #4 (line: Solid, width=1.0; color: 128,128,128)

DATASET #5 (symbol: + symbols, width=3.0; color: 255,0,0)

DATASET #6 (line: Solid, width=3.0; color: 0,178,0)