BSSA2014 Comparison Scatter 5 4 RSQSim 1.0 s SA (g) 3 2 70 km < rJB ≰ 140 km 8 < Mw < 8.51s SA, BSSA2014 10² 12 Ruptures 8 8 5 BSSA2014 1.0 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)