ASK2014 Comparison Scatter 10² 7 RSQSim 5.0 s SA (g) 5 4 3 140 km < rJB < 200 km 10⁻³ 8 < Mw < 8.55s SA, ASK2014 8 6 Ruptures 6 4 5 6 7 6 7 3 ASK2014 5.0 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)