SBSM Empirical Hazard Curves 10^{-1} 10^{-2} One Day Probability of Exceedance 10³ 10 10⁻⁵ 10^{-6} 10^{-7} 10^{-8} 10^{-2} 1.0^{1} 3 4 5 6 7 1 0 $3 \ 4 \ 5 \ 6 \ 7 \ 10^{1}$ 2 2 3 4 5 6 5s SA -ASK2014, TI - ASK2014, TD - ASK2014, ETAS - ASK2014+BS13 Directivity, ETAS

DATASET #1 (line: Solid, width=3.0; color: 0,0,255)

ASK2014, TI

DATASET #2 (line: Solid, width=3.0; color: 0,178,0)

ASK2014, TD

DATASET #3 (line: Dashed, width=1.5; color: 255,0,0)

ASK2014, ETAS

DATASET #4 (line: Solid, width=3.0; color: 255,0,0)

ASK2014+BS13 Directivity, ETAS