**Hawkes Process** p = 0.2 , n = 17 p = 0.2, n = 6p = 0.2, n = 1031.5 40 **® ©** 00 0 1.0 20 0.5 0 0.0 0 -0.5 -20 7 1.0 -1.5 -2 0000 -3 -2 0 2 3 -3 -2 0 2 3 -3 -2 0 2 3 -1 Normalised Thinned Estimates p = 0.5, n = 6p = 0.5 , n = 17 p = 0.5 , n = 103 150 20 100 10 20 0 -10 -50 -100 -20 -30 -200 2 3 2 3 0 -3 -2 -3 -2 0 2 3 -3 p = 0.8, n = 6p = 0.8, n = 17p = 0.8, n = 103100 တ္၀ 15 8 20 10 2 0 0 -50 -5 -500 -100 -10 -15 -150 -2 -1 0 0 2 3 -3 0 3 -3 -2 -3 Standard Normal