Second derivative of Beta Log-likelihood wrt  $\alpha$ (1193 samples,  $\Delta N = 4.6e-03$ ) 1.0 0.96 0.9 0.84 8.0 0.72 0.7 0.60 0.6 - $\boldsymbol{\beta}$ 0.48 0.5 0.36 0.4 0.24 0.3 0.12 0.2 0.00 0.1 20 10 15 25 30 θ