

Fig S1. Histograms of per run-time ESS for  $r_{ij}$

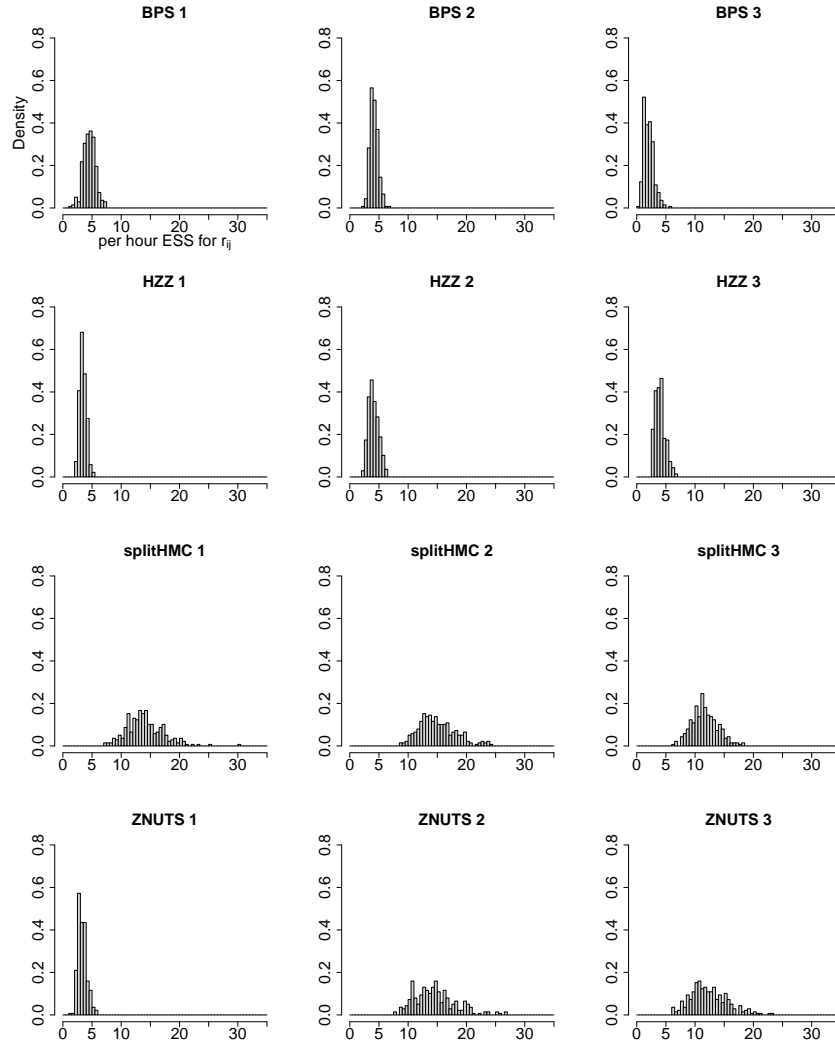


Fig S1: Histograms of per-hour run-time ESS for  $\mathbf{R}$  elements, as discussed in Section “Efficiency gain from the new inference scheme”. Each sampling scheme includes three independent repeats (1, 2, 3), and the x-axis and y-axis are consistent across all subfigures.