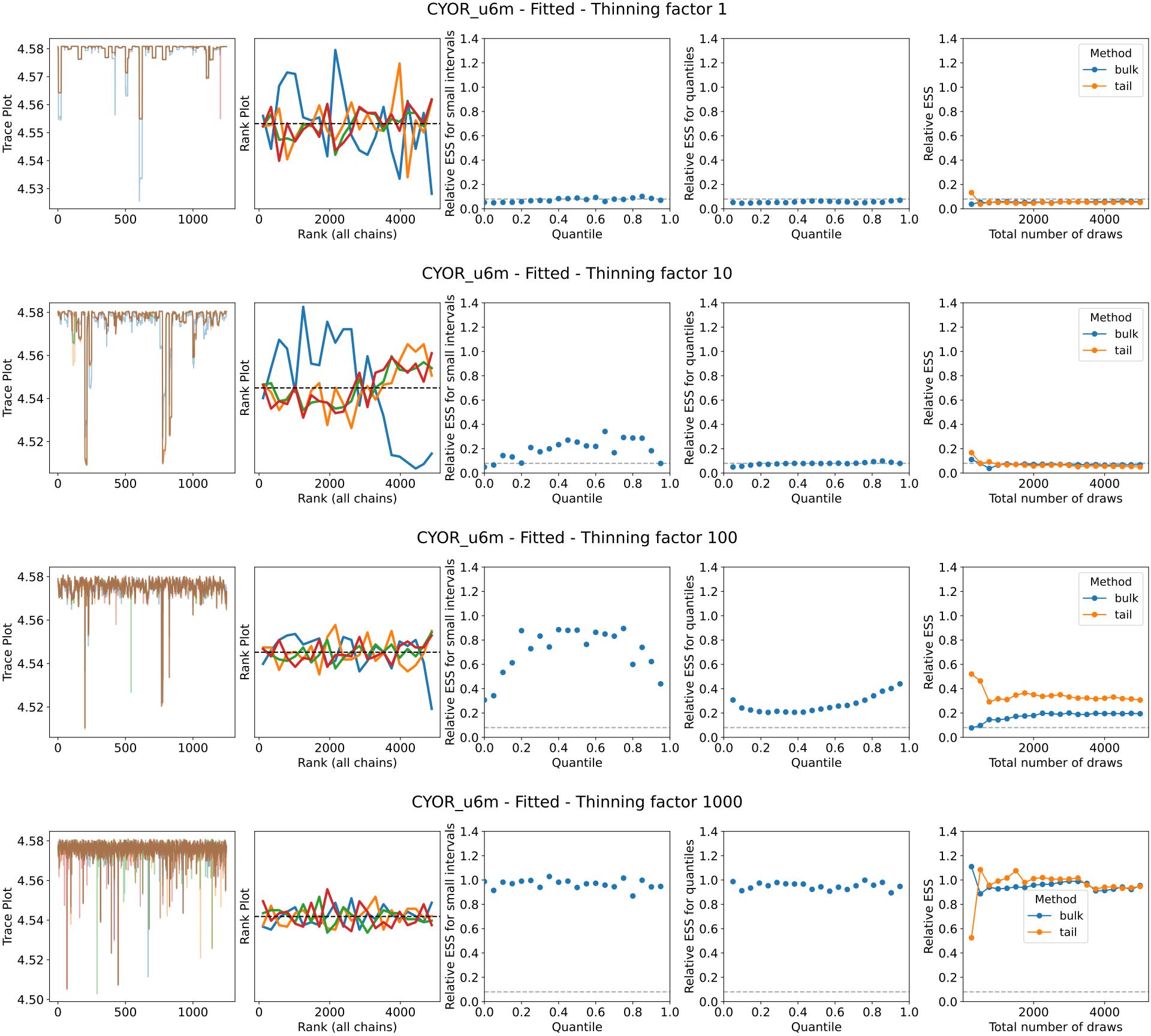
CYOR\_u6m - Fitted - Thinning factor 1 small intervals 0.1 8.0 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot 18.4 18.4 Rank Plot <u>ۇ</u> 0.8 ESS for 0.4 6.0 ESS Relative I = 0.2 4.30 Relative I 0.2 4.29 0.0 2000 500 1000 4000 8.0 2000 4000 0 0.2 0.6 8.0 0.6 1.0 0.0 Rank (all chains) Quantile Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 10 dnantiles 1.0 Method 4.33 1.2 • bulk 🕶 tail Lace Flot 18.4 Plot 18.4 P Rank Plot 6.0 ESS Relative 2.0 4 Relative E 0.2 4.29 0.0 1000 2000 500 4000 0.2 8.0 8.0 1.0 2000 4000 0.6 0.2 0.6 1.0 0 0.0 0.4 0.4 0 Rank (all chains) Quantile Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 100 r small intervals 0.1 1.0 8.0 dnantiles 1.0 Method 4.33 1.2 • bulk Relative ESS 0.0 6 9.0 8.0 — tail Trace Plot Rank Plot ون 8.0 ور Relative ESS for s 0 0 0 0 0 0 0 0 0 0 6.0 ESS 4.31 0.2 0.2 4.30 500 1000 2000 2000 4000 4000 8.0 0.2 0.6 0.0 8.0 1.0 0 0.0 0.2 0.6 1.0 Quantile Quantile Total number of draws Rank (all chains) CYOR u6m - Fitted - Thinning factor 1000 dnantiles 1.0 Method 4.33 1.2 bulk 4.32 Lace Pot 4.31 Rank Plot ESS for 0.6 Relative 0.2 4.30 0.2 0.0 + 0.0 0.0 1000 2000 500 4000 0.4 0.6 Quantile 2000 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0.6 0.4 0 0.0 Rank (all chains) Quantile Total number of draws

CYOR\_u6m - Fitted - Thinning factor 1 small intervals 0.1 0.8 duantiles 0.1 4.580 Method 1.2 • bulk Relative ESS 9.0 8.0 9.0 9.0 4.575 tail 1.575 4.570 4.565 Rank Plot 8.0 ල<u>්</u> of 0.6 1 8.0 ESS ESS 0.4 8elative 2.0 4 Relative E 7:0 0.2 4.560 1000 500 2000 4000 4000 2000 8.0 1.0 0.0 0.6 0.0 0.8 Rank (all chains) Quantile Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 10 small intervals 1.0 8.0 4.58 dnantiles 1.2 Method 1.2 • bulk 4.57 Relative ESS 9.0 8.0 9.1 – tail Trace Plot 25.4 Rank Plot 8.0 ල් of 0.6 8.0 ESS ESS O O F. 8elative 0.2 4.54 Relative E 7:0 0.2 4.53 0.0 0.0 500 1000 2000 4000 0.0 0.6 8.0 2000 4000 0.2 8.0 0.4 1.0 0.0 1.0 0 0.2 Quantile Quantile Rank (all chains) Total number of draws CYOR\_u6m - Fitted - Thinning factor 100 small intervals 0.1 0.8 4.58 dnantiles 1.0 Method 1.2 • bulk Relative ESS 9.0 0.0 9.0 0.1 4.56 **→** tail Trace Plot 75.4 76.4 Rank Plot <u>ම</u> 0.8 6.0 ESS 0.6 Relative ESS 1 0 0 0 0 0 0 0 0 4.52 0.2 0.2 4.50 500 1000 2000 4000 2000 4000 0.0 8.0 1.0 0.2 0.6 0.0 8.0 1.0 0.2 Rank (all chains) Quantile Quantile Total number of draws CYOR u6m - Fitted - Thinning factor 1000 small intervals 0.1 8.0 8.0 4.58 Method 1.2 bulk 4.57 Rank Plot 8.0 ۇ <sub>0.6</sub> Relative ESS f Relative F 4.54 0.2 4.53 0.0 + 0.0 0.0 0.4 0.6 Quantile 500 1000 2000 0.4 0.6 Quantile 2000 0.2 8.0 1.0 0.2 8.0 1.0 4000 4000 0.4 0 0.4 Total number of draws Rank (all chains)



CYOR\_u6m - Fitted - Thinning factor 1 small intervals 0.1 8.0 4.58 dnantiles Method 1.2 • bulk 4.57 Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot 95.4 55.7 Rank Plot <u>ۇ</u> 0.8 ESS for 0.6 6.0 ESS Relative I Relative I 4.54 0.2 4.53 0.0 2000 500 1000 4000 2000 4000 0 0.2 0.6 8.0 8.0 1.0 0.0 Rank (all chains) Quantile Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 10 dnantiles 4.58 Method 1.2 • bulk 🕶 tail Trace Plot 95.4 96.4 Rank Plot 6.0 ESS Relative 2.0 ative Relative E 2.0 0.0 2.0 4.0 4.55 0.2 2000 500 1000 4000 0.2 8.0 1.0 2000 0.6 1.0 0.6 4000 8.0 0 0.0 0.4 0.2 0 0.4 Rank (all chains) Quantile Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 100 r small intervals 0.1 1.0 8.0 4.58 dnantiles 1.0 Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 1.56 Plot 4.5.4 4.5.4 **→** tail Rank Plot ون 8.0 ور Relative ESS for s 0 0 0 0 0 0 0 0 0 0 6.0 ESS 4.52 4.50 1000 2000 500 4000 2000 8.0 4000 0.0 0.2 8.0 1.0 0 0.2 0.6 0.6 0.0 Quantile Quantile Total number of draws Rank (all chains) CYOR u6m - Fitted - Thinning factor 1000 dnantiles 1.0 4.58 1.2 Relative ESS 9.0 8.0 9.1 Trace Plot 45.4 45.4 Plot for Rank ESS 0.6 Relative 0.2 Method 4.52 bulk 0.2 0.0 + 0.0 0.0 1000 2000 2000 500 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0.6 0.4 0.6 4000 0 0.0 Rank (all chains) Quantile Quantile Total number of draws

CYOR\_u6m - Fitted - Thinning factor 1 small intervals 0.1 8.0 8.0 duantiles 0.1 4.30 Method 1.2 • bulk Relative ESS 0.0 0.0 0.0 0.1 0.0 0.0 0.1 tail Trace Plot 02.4 Co. 4.20 Rank Plot <u>ම</u> 0.8 بة 0.6 أ 8.0 ESS SS3 0.4 8elative 2.0 4 5.0 4 Relative I 4.15 0.2 0.0 1000 2000 500 4000 4000 2000 0 0.2 8.0 1.0 0.8 1.0 0.0 0.0 Quantile Rank (all chains) Quantile Total number of draws CYOR\_u6m - Fitted - Thinning factor 10 small intervals 0.0 8.0 dnantiles 1.2 4.30 Method 1.2 • bulk Relative ESS 9.0 8.0 9.1 • tail Rank Plot 8.0 ල් ر 10.6 فر 8.0 ESS ESS 0.4 8elative 2.0 ative Relative I 4.15 0.2 0.0 0.0 500 1000 2000 4000 0.2 8.0 2000 4000 0.6 0.2 0.6 0.0 1.0 0.0 8.0 1.0 0 0.4 0.4 0 Quantile Quantile Rank (all chains) Total number of draws CYOR\_u6m - Fitted - Thinning factor 100 small intervals 0.1 8.0 8.0 dnantiles 1.0 4.300 Method 1.2 • bulk 4.275 Relative ESS 9.0 0.0 9.0 0.1 **→** tail 4.250 e 4.225 4.200 Rank Plot <u>ම</u> 0.8 ر أو 0.6 6.0 ESS ESS 0.4 0.4 - 0.2 0.2 4.175 0.2 0.2 Relation 4.150 500 1000 2000 4000 0.0 2000 4000 0.0 8.0 1.0 0.2 0.6 8.0 1.0 0.2 Quantile Rank (all chains) Quantile Total number of draws CYOR u6m - Fitted - Thinning factor 1000 small intervals 0.0 8.0 4.30 dnantiles 1.0 Method 1.2 bulk 4.28 ഗ 1.0 Tace Plot 4.24 Rank Plot Relative E. 9.0 8.0 8.0 لق Relative ESS f 0.0 0 0 7 0.0 0 0.6 Relative ESS f 0.4 4.22 0.2 0.0 + 0.0 4.20 0.0 0.4 0.6 Quantile 500 1000 2000 0.4 0.6 Quantile 2000 4000 0.2 1.0 0.2 8.0 1.0 4000 8.0 0.4 0 0.4 Total number of draws Rank (all chains)