



CYOOm - Interpolated - Thinning factor 1 small intervals 0.1 8.0 2.29 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 Trace Plot 72.2 72.2 tail Rank Plot 8.0 وَ ESS for 8 0.4 6.0 ESS Relative - 2.0 Relative I 2.26 0.2 0.0 1000 2000 500 4000 0.6 8.0 2000 4000 0 0.2 8.0 1.0 0 0.0 Rank (all chains) Quantile Quantile Total number of draws CYOOm - Interpolated - Thinning factor 10 small intervals 0.1 8.0 2.29 dnantiles 1.0 Method 1.2 • bulk Trace Plot 2.2.2 2.2.2 🕶 tail Rank Plot و.8 8.0 لو 6.0 0.4 6.0 ESS Relative 7.0 elative 5.0 Relative I 2.26 0.2 0.0 0.0 1000 2000 500 4000 0.2 0.6 8.0 8.0 1.0 2000 4000 0.0 1.0 0.2 0.6 0 0.4 0 0.4 Rank (all chains) Quantile Quantile Total number of draws CYOOm - Interpolated - Thinning factor 100 r small intervals 0.1 1.0 8.0 2.29 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.0 6.1 Tace Pot 72.2 72.2 • tail Rank Plot ون 8.0 ور Relative ESS for S 0 0 0 0 0 0 0 0 0 0 6.0 ESS Relative 2.0 4 2.26 500 1000 2000 4000 8.0 2000 4000 8.0 0.2 0.0 1.0 0 0 0.0 0.2 0.6 0.6 Rank (all chains) Quantile Quantile Total number of draws CYOOm - Interpolated - Thinning factor 1000 small intervals 1.0 8.0 8.0 dnantiles 1.0 2.29 Method 1.2 Relative ESS 9.0 9.0 9.0 Tace Pot 7.2.2 7.2.2 Plot ESS for Relative ESS for s 0.0 0.0 0.0 0.0 0.0 0.0 0.6 Relative 0.2 2.26 0.2 0.0 + 0.0 0.0 500 1000 2000 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

CYOOm - Fitted - Thinning factor 1 small intervals 1.2 1.0 2.29 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 Trace Plot 2.2.2 2.2.2 tail Rank Plot ම් 0.8 ESS for 0.6 6.0 ESS Relative I 0.2 Relative I 2.26 0.2 0.2 0.0 1000 2000 4000 500 0.6 8.0 2000 4000 0 1.0 0 0.2 0.6 8.0 0.0 1.0 Rank (all chains) Quantile Quantile Total number of draws CYOOm - Fitted - Thinning factor 10 2.29 dnantiles 1.0 Method 1.2 • bulk Trace Plot 72.2 72.2 🕶 tail Rank Plot ۇ 8.0 ئۇ 6.0 ESS Relative 7.0 elative 5.0 Relative F 2.26 0.2 0.0 1000 2000 500 4000 0.2 0.6 8.0 1.0 8.0 1.0 2000 4000 0.4 0.2 0.6 0 0.0 0.4 0 Rank (all chains) Quantile Quantile Total number of draws CYOOm - Fitted - Thinning factor 100 2.29 dnantiles Method 1.2 • bulk Trace Plot 2.2.2 • tail Rank Plot ESS for 9.0 8.0 elative 0.2 2.26 500 1000 2000 2000 4000 4000 8.0 0.0 0.2 0.6 8.0 1.0 0 0 0.0 0.2 0.6 1.0 Quantile Quantile Total number of draws Rank (all chains) CYOOm - Fitted - Thinning factor 1000 dnantiles 1.0 2.29 وحال أفرقان وأزفقها والوالي وطرأه والشركال فرحوا أوالأورون Method 1.2 bulk Relative ESS 8.0 6.1 8.0 9.0 4.0 Trace Plot 72.2 72.2 Rank Plot for Relative ESS f 7.0 0 0 7.0 0 9.0 0 2.26 0.2 0.0 + 0.0 0.0 500 1000 2000 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

CYOOm - ScaledConsensus - Thinning factor 1 small intervals 0.1 8.0 dnantiles Method 1.2 2.14 • bulk Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot 2.12 Rank Plot <u>ۇ</u> 0.8 ESS for 6.0 4.0 6.0 ESS Relative 0.2 2.08 Relative I 0.2 2.06 0.0 1000 2000 500 4000 8.0 2000 4000 0 0.2 0.6 8.0 0.6 1.0 0 0.0 0.0 Quantile Rank (all chains) Quantile Total number of draws CYOOm - ScaledConsensus - Thinning factor 10 r small intervals 0.1 0.8 dnantiles 1.0 Method 1.2 2.14 • bulk Relative ESS 9.0 6.1 9.0 6.1 🗕 tail Trace Pot 2.10 Rank Plot ESS for 8.0 0.4 6.0 ESS 8elative 2.0 ative 2.08 Relative E 7:0 0.2 2.06 0.0 1000 2000 500 4000 0.2 8.0 1.0 2000 4000 0.6 0.2 0.6 0.0 1.0 8.0 0 0.4 0.0 0.4 0 Quantile Total number of draws Rank (all chains) Quantile CYOOm - ScaledConsensus - Thinning factor 100 small intervals 0.1 8.0 dnantiles Method 1.2  $2.14^{-1}$ • bulk — tail Tace Pot 2.12 Rank Plot for 8.0 Relative ESS for s 0 0 0 0 0 00 0 0 0 0 6.0 ESS 2.08 0.2 0.2 2.06 500 1000 2000 2000 4000 4000 8.0 0.2 0.0 0.6 8.0 1.0 0 0.0 0.2 0.6 1.0 Quantile Quantile Rank (all chains) Total number of draws CYOOm - ScaledConsensus - Thinning factor 1000 dnantiles 1.0 Method 1.2  $2.14^{-1}$ bulk Relative ESS 9.0 9.0 9.0 Trace Plot 01.2 01.2 Rank Plot Relative ESS for 8.0 0.6 2.08 0.2 0.2 2.06 0.0 + 0.0 0.0 1000 2000 4000 0.4 0.6 Quantile 2000 500 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