G6PDH2 - Fitted - Thinning factor 1 0.48 dnantiles Method 1.2 • bulk 0.47 Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot 0.46 0.45 Rank Plot <u>ව</u> 0.8 6.0 ESS Relative F Relative F 0.2 0.44 0.0 2000 500 1000 4000 8.0 4000 0 1.0 2000 0.2 0.6 8.0 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 dnantiles 1.0 Method 0.48 1.2 • bulk 1246 Plot 0.46 0.46 0.45 **→** tail Rank Plot ۇ 8.0 ئۇ 6.0 ESS Relative 0.2 Relative I 0.2 0.44 0.0 0.0 1000 2000 2000 500 4000 0.2 0.2 8.0 1.0 4000 0.6 8.0 1.0 0.6 0 0.0 0.4 0.0 0.4 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 dnantiles 1.0 Method 0.47 1.2 • bulk • tail Trace Plot 24.0 25.0 Rank Plot ESS for 8.0 0.6 Relative 0.2 0.2 0.44 -الالتلقيانية والمالية والترور بالتقوير ويدراها والالبارية والمراها 0.0 + 0.0 500 1000 2000 2000 4000 8.0 4000 8.0 0.2 0.6 1.0 0 0 0.0 0.2 0.6 1.0 Quantile Quantile Total number of draws Rank (all chains) G6PDH2 - Fitted - Thinning factor 1000 dnantiles 1.0 Method 1.2 0.47 bulk Relative ESS 9.0 8.0 9.1 24.0 April 24.0 Rank Plot 0.2 0.44 0.0 + 0.0 0.0 1000 2000 500 4000 0.4 0.6 Quantile 0.4 0.6 Quantile 2000 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0 0.0 Total number of draws Rank (all chains)

G6PDH2 - Fitted - Thinning factor 1 0.35 dnantiles Method 1.2 - bulk 0.30 Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot 0.20 Rank Plot ම් 0.8 6.0 ESS Relative – 0.4 0.15 Relative E 0.2 0.10 2000 500 1000 4000 8.0 4000 0 0.6 2000 0.2 8.0 0 1.0 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 dnantiles 1.0 0.35 Method 1.2 CHAIL MILLER PROPERTY LINE • bulk 0.30 Relative ESS 9.0 6.1 9.0 6.1 🗕 tail Trace Plot 0.20 Rank Plot ව<u>්</u> 0.8 6.0 ESS Relative 7.0 elative 2.0 0.15 0.2 0.10 0.0 0.0 1000 2000 500 4000 0.2 8.0 0.2 8.0 1.0 2000 0.6 1.0 0.6 4000 0 0.0 0.4 0.0 0.4 0 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 r small intervals 0.1 1.0 8.0 0.4 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 Trace Plot 5.0 e.0 • tail Rank Plot ESS for 9.0 8.0 Relative ESS for s
0 0 0 0 0
0 0 0 0 0 0.1 0.2 0.2 500 1000 2000 4000 2000 8.0 4000 8.0 0.0 0.2 0.6 1.0 0 0 0.0 0.2 0.6 1.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 1000 dnantiles 1.0 0.36 Method 1.2 bulk 0.35 Trace Plot 8.00 8.00 Rank Plot 8.0 ESS for 0.6 Relative 0.2 0.32 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 0.0 Rank (all chains) Total number of draws Quantile

G6PDH2 - Fitted - Thinning factor 1 dnantiles Method 1.2 - bulk 0.3 Relative ESS 9.0 8.0 9.0 tail Trace Plot 5.0 Rank Plot ම් 0.8 6.0 ESS Relative I 0.2 Relative E 0.0 0.0 0.0 0.0 0.1 0.2 0.2 0.0 2000 500 1000 4000 0.6 8.0 2000 4000 0 1.0 0.2 0.6 8.0 0.2 0 0.4 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 ESS for small intervals 0 0 0 0 1 4 9 8 0 1 5 4 dnantiles 1.0 Method 0.35 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 🕶 tail Rank Plot ව<u>්</u> 0.8 6.0 ESS Relative 0.2 0.15 Relative F 0.2 0.10 0.0 0.0 1000 2000 2000 500 4000 0.2 8.0 0.2 8.0 1.0 4000 0.6 1.0 0.6 0 0.0 0.4 0.0 0.4 0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 dnantiles Method 0.35 1.2 • bulk 0.30 • tail Trace Plot 0.25 Rank Plot ESS for 9.0 8.0 Relative 0.15 0.2 0.2 0.10 0.0 + 0.0 1000 2000 500 4000 0.2 8.0 2000 4000 8.0 0.6 1.0 0 0 0.0 0.2 0.6 1.0 Quantile Quantile Rank (all chains) Total number of draws G6PDH2 - Fitted - Thinning factor 1000 dnantiles 1.0 Method 1.2 0.38 Relative ESS 9.0 9.0 9.0 Trace Plot 98.0 48.0 Plot 0.32 0.2 0.0 + 0.0 0.0 1000 2000 4000 0.4 0.6 Quantile 0.4 0.6 Quantile 2000 500 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0 0.0 Rank (all chains) Total number of draws

G6PDH2 - Fitted - Thinning factor 1 dnantiles Method 1.2 0.35 - bulk Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot EE.0 EE.0 Rank Plot <u>ව</u> 0.8 6.0 ESS Relative F Relative I 0.32 0.2 0.0 2000 4000 1000 8.0 4000 500 0 0.6 2000 0.2 8.0 0.6 1.0 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 dnantiles 1.0 Method 1.2 • bulk 0.34 🕕 tail Trace Plot E.0 E.0 Rank Plot ව් 0.8 6.0 ESS Relative 0.2 0.32 Relative E 0.2 0.0 0.0 1000 2000 500 4000 0.2 8.0 1.0 2000 4000 0.6 8.0 1.0 0.6 0.0 0.4 0.2 0.4 0 0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 0.4 dnantiles Method 1.2 • bulk Trace Plot 5.0 8.0 • tail Rank Plot ESS for 9.0 8.0 elative 0.1 0.2 1000 2000 500 4000 2000 8.0 4000 0.2 8.0 1.0 0 0 0.2 0.6 0.0 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 1000 small intervals 0.0 8.0 8.0 dnantiles 1.0 0.35 1.2 Relative ESS 9.0 8.0 9.1 0.30 Trace Plot 0.20 Rank Plot Relative ESS for s 0 0 0 0 0 00 0 0 0 0 Relative ESS f 7.0 0 0 7.0 0 9.0 0 Method 0.15 bulk 0.2 0.10 0.0 + 0.0 0.0 1000 2000 2000 500 0.2 1.0 0.2 8.0 1.0 4000 0.4 0.6 8.0 0.4 0.6 4000 0 Rank (all chains) Quantile Quantile Total number of draws

G6PDH2 - Fitted - Thinning factor 1 small intervals 0.1 8.0 8.0 duantiles 1.0 Method 0.6 1.2 • bulk tail Trace Plot 2.0 Rank Plot 8.0 <u>අ</u> of 0.6 6.0 ESS ESS3 . Relative - 0.4 Relative I 0.2 0.0 0.0 1000 2000 500 4000 0.2 8.0 4000 2000 0 0.6 8.0 1.0 0.2 1.0 0.0 0.4 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 small intervals 0.0 8.0 dnantiles 1.2 Method 0.6 1.2 - bulk 0.5 Relative ESS 0.0 0.0 0.0 0.1 0.0 0.0 0.1 **→** tail Trace Plot 8.0 8.0 Rank Plot 8.0 و 호 _{0.6} 6.0 ESS SS3 0.4 Relative 7 0.2 Relative 7.0 0.0 2.0 0.0 0.2 0.1 0.0 0.0 500 1000 2000 4000 0.2 0.6 8.0 1.0 0.2 2000 4000 0.6 8.0 0 0.0 0.0 1.0 0.4 0.4 0 Quantile Quantile Rank (all chains) Total number of draws G6PDH2 - Fitted - Thinning factor 100 small intervals 0.1 2.0 8.0 dnantiles 1.0 0.600 Method 1.2 • bulk 0.575 Relative ESS 9.0 0.0 9.0 0.1 tail Rank Plot 8.0 و Relative ESS for s 0 0 0 0 0 00 0 0 0 6.0 ESS 0.500 0.2 0.2 0.0 500 1000 2000 4000 0.0 2000 4000 0.0 0.2 8.0 1.0 0.2 0.6 8.0 1.0 0.6 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 1000 small intervals 8.0 1.1 2.0 8.0 Method 1.2 • bulk 0.54 Relative ESS 0.0 0.0 0.0 0.1 0.0 0.0 0.1 tail Trace Pot - 0.50 Rank Plot 0.6 Relative ESS f Relative 7 0.4 0.48 0.2 0.0 + 0.0 0.0 1000 0.4 0.6 Quantile 500 2000 0.4 0.6 Quantile 2000 4000 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0.4 0 Total number of draws Rank (all chains)