G6PDH2 - Fitted - Thinning factor 1 small intervals 0.1 8.0 8.0 0.48 duantiles 1.0 Method 1.2 • bulk 0.47 tail Trace Plot 64.0 Rank Plot <u>ම</u> 0.8 و 0.6 8.0 ESS ESS - 4 Relative - 0.4 Relative I 0.2 0.44 0.0 2000 500 1000 4000 4000 2000 0 0.2 0.6 1.0 8.0 1.0 8.0 0.0 0.0 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 small intervals 0.1 8.0 8.0 0.5 dnantiles 1.2 Method 1.2 - bulk 0.4 Relative ESS 9.0 8.0 9.1 **→** tail Trace Plot 8.0 8.0 Rank Plot 8.0 و ا 0.6 فو 6.0 ESS SS3 0.4 Relative 0.4 0.2 Relative E 0.2 0.1 0.0 0.0 2000 500 1000 4000 0.0 0.2 0.6 0.2 2000 4000 8.0 1.0 0.6 0.0 8.0 1.0 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 Method 1.2 • bulk 0.4 Relative ESS 0.0 0.0 0.0 0.1 0.0 0.0 0.1 • tail Trace Plot 2.0 Ero Rank Plot 8.0 g Relative ESS for s 0 0 0 0 0 00 0 0 0 6.0 ESS Relative 0.1 0.2 0.2 0.0 0.0 0.0 0.0 500 1000 2000 2000 4000 4000 0.2 8.0 0.0 8.0 1.0 0.6 1.0 0.2 0.6 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 1000 small intervals 0.1 8.0 8.0 1.4 Method 1.2 0.455 bulk Relative ESS 0.0 0.0 0.0 0.1 0.0 0.0 0.1 Trace Plot 0.45.0 244.0 Rank Plot رق 0.6 Relative ESS f Relative F 0.440 0.2 0.0+ 0.0 0.0 0.4 0.6 Quantile 0.4 0.6 Quantile 500 1000 2000 2000 0.2 8.0 1.0 0.2 8.0 1.0 4000 4000 0.4 0.4 0 Total number of draws Rank (all chains)

G6PDH2 - Fitted - Thinning factor 1 0.4 dnantiles Method 1.2 - bulk Relative ESS 9.0 6.1 9.0 6.1 0.3 tail Trace Plot c. c. c. Rank Plot <u>ව</u> 0.8 6.0 ESS Relative I Relative I 0.1 0.2 0.0 2000 500 1000 4000 0.6 8.0 0.6 8.0 4000 0 2000 0.2 1.0 0 0.0 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 0.4 dnantiles 1.0 Method 1.2 • bulk 0.3 🕶 tail Trace Plot c.0 Rank Plot ۇ 8.0 ئۇ 6.0 ESS Relative 2.0 0.1 0.2 0.0 0.0 1000 2000 500 4000 0.2 0.6 8.0 8.0 1.0 2000 4000 0.4 1.0 0.2 0.6 0 0 0.0 0.0 0.4 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 dnantiles 1.0 0.36 Method 1.2 • bulk Relative ESS 9.0 9.1 8.0 9.1 0.35 • tail Trace Plot 88.0 Rank Plot ESS for 9.0 8.0 elative 0.32 0.2 0.2 անակայի հարակայան իր և ու եր իր հարարական անագա 0.0 + 0.0 0.0 500 1000 2000 4000 4000 8.0 2000 0.2 8.0 0.2 0.6 1.0 0 0 0.0 0.6 1.0 Quantile Quantile Rank (all chains) Total number of draws G6PDH2 - Fitted - Thinning factor 1000 dnantiles 1.0 Method 1.2 • bulk 0.35 Relative ESS 9.0 9.0 9.0 Lace Plot EE.0 Rank Plot Relative ESS for 8.0 0.6 0.4 0.32 0.2 0.2 0.0 + 0.0 0.31 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 Total number of draws Rank (all chains)

G6PDH2 - Fitted - Thinning factor 1 small intervals 0.1 8.0 0.36 dnantiles Method 1.2 - bulk 0.35 Relative ESS 9.0 6.1 9.0 6.1 tail Trace Plot EE.0 E8.0 Rank Plot <u>ව</u> 0.8 6.0 0.6 0.4 6.0 ESS Relative 2.0 Relative I 0.32 0.2 0.31 0.0 2000 1000 4000 0.6 8.0 4000 500 0 0.2 1.0 2000 8.0 0.2 0.6 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 dnantiles 1.0 Method 0.37 1.2 - bulk 0.36 🕕 tail Rank Plot ව<u>්</u> 0.8 6.0 ESS Relative 0.2 Relative 0.32 0.2 0.2 0.31 0.0 0.0 2000 4000 500 1000 0.2 8.0 8.0 2000 4000 0.6 0.6 1.0 0.2 0.0 0.4 1.0 0.0 0 0.4 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 dnantiles Method 0.36 1.2 • bulk Relative ESS - 0.1 - 0.0 - 0.1 Trace Plot 0.34 28.0 88.0 🕶 tail Rank Plot ESS for 9.0 8.0 Relative 2.0 4 0.32 0.0 + 0.0 0.31 1000 2000 500 4000 2000 4000 8.0 0.2 0.6 8.0 1.0 0 0.0 0.2 0.6 1.0 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 1000 r small intervals 0.0 8.0 8.0 dnantiles 1.0 0.38 1.2 Relative ESS 9.0 9.1 8.0 9.1 Trace Plot 98.0 48.0 Rank Plot Relative ESS for s 0 0 0 0 0 00 0 0 0 Method bulk 0.32 0.2 0.0 + 0.0 0.0 500 1000 2000 4000 0.4 0.6 Quantile 0.4 0.6 Quantile 2000 0.2 8.0 1.0 0.2 8.0 1.0 0.4 4000 0 0.0 Rank (all chains) Total number of draws

G6PDH2 - Fitted - Thinning factor 1 duantiles 0.1 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 7.0 0.1 0.2 0.0 2000 500 1000 4000 8.0 0.6 8.0 2000 4000 0 0.6 1.0 0.2 0.2 0 0.0 Rank (all chains) Quantile Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 dnantiles 1.0 Method 0.35 1.2 • bulk 0.30 🗕 tail Trace Plot 05:0 Rank Plot ව<u>්</u> 0.8 6.0 ESS Relative 0.2 0.15 Relative 7.0 0.0 0.2 0.10 0.0 0.0 1000 2000 500 4000 0.2 0.6 8.0 0.2 8.0 1.0 2000 4000 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 0.38 dnantiles Method 1.2 • bulk Relative ESS 9.0 6.0 6.1 0.36 • tail Trace Plot 8.0 Rank Plot ESS for 9.0 8.0 0.2 0.0+ 0.0 0.0 1000 2000 2000 4000 500 4000 0.2 8.0 8.0 0.6 0.4 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 0.35 Method 1.2 bulk 0.30 Relative ESS 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.1 Trace Plot 0.20 Rank Plot for 8.0 ESS Relative 0.4 0.15 0.2 0.2 0.10 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

G6PDH2 - Fitted - Thinning factor 1 0.58 dnantiles Method 1.2 0.56 - bulk Relative ESS 9.0 6.1 9.0 6.1 tail Lace Dot 0.52 0.50 Rank Plot <u>ව</u> 0.8 6.0 ESS Relative I Relative I 0.48 0.2 0.0 2000 1000 4000 0.2 0.6 8.0 2000 4000 500 0.6 1.0 0 0.8 0.2 0.0 0.4 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 10 0.56 dnantiles 1.0 Method 1.2 • bulk 0.54 **→** tail Trace Pot 0.52 0.50 Rank Plot ව<u>්</u> 0.8 6.0 ESS Relative 2.0 Relative E 7:0 0.48 0.2 0.0 0.0 1000 2000 500 4000 0.2 0.6 8.0 8.0 1.0 2000 4000 1.0 0.2 0.6 0 0.0 0.4 0.4 Quantile Rank (all chains) Quantile Total number of draws G6PDH2 - Fitted - Thinning factor 100 0.65 dnantiles Method 1.2 • bulk Relative ESS 9.0 9.0 4.0 Trace Plot 55.0 🕶 tail Rank Plot ESS for 9.0 8.0 Relative 0.50 0.2 0.2 والخفرة مله الخلفال غضائفا الماضالي العجارة والمشار معامن لحته الراساطات 0.0 500 1000 2000 4000 2000 4000 8.0 0.2 8.0 0.0 0.2 0.6 0 1.0 0 0.0 0.6 1.0 Quantile Quantile Total number of draws Rank (all chains) G6PDH2 - Fitted - Thinning factor 1000 0.51 dnantiles 1.0 Method 1.2 bulk 0.50 Relative ESS 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.0 0.1 tail Trace Plot 64.0 84.0 Plot 0.8 Relative ESS for 0.6 0.2 0.2 0.47 0.0 + 0.0 0.0 1000 2000 4000 0.4 0.6 Quantile 0.2 0.4 0.6 Quantile 2000 500 0.2 8.0 1.0 8.0 1.0 4000 0.4 0 0.0 Rank (all chains) Total number of draws