NADH2_u6mh - Fitted - Thinning factor 1 small intervals 0.0 8.0 duantiles 0.1 Method 3.90 1.2 • bulk Relative ESS 0.0 0.0 0.1 8.0 0.1 tail Trace Plot 08.8 08.8 Rank Plot <u>ම</u> 0.8 رة 0.6 8.0 ESS ESS 0.4 Relative 7.0 3.75 Relative I 0.2 3.70 0.0 500 1000 2000 4000 0.2 0.6 8.0 4000 2000 8.0 1.0 0.0 0.6 1.0 0.0 Quantile Rank (all chains) Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 10 small intervals 0.0 8.0 3.90 dnantiles 1.2 Method 1.2 • bulk Relative ESS 9.0 8.0 9.1 **→** tail 3.85 Rank Plot 8.0 ල් ا 0.6 فو 8.0 ESS ESS O SS= 3.75 Relative F 0.2 3.70 0.0 0.0 500 1000 2000 4000 1.0 2000 4000 0.2 0.6 8.0 1.0 0.2 0.6 8.0 0.0 0.0 0 0.4 0.4 Quantile Quantile Rank (all chains) Total number of draws NADH2_u6mh - Fitted - Thinning factor 100 small intervals 0.1 8.0 8.0 dnantiles 1.0 Method 1.2 • bulk 60 🗕 tail Trace Plot 6 Rank Plot 8.0 ල් 6.0 ESS 0.6 Relative ESS 1 0 0 0 0 0 0 0 0 20 0.2 0.0 500 1000 2000 2000 4000 4000 0.0 0.2 8.0 0.0 8.0 1.0 0.6 1.0 0.2 0.6 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 1000 small intervals 1.0 8.0 duantiles 1.0 Method 3.850 1.2 bulk Relative ESS 0.0 0.0 8.0 0.0 3.825 Tace Plot 3.800 Plot ESS for 9.0 8.0 Rank و 0.6 0.6 Relative ESS f Relative F 3.750 0.2 3.725 0.0 + 0.0 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 0 Total number of draws Rank (all chains)

NADH2_u6mh - Fitted - Thinning factor 1 dnantiles 4.00 Method 1.2 • bulk 3.95 tail Tace Bot 3.80 8.8 8.8 Rank Plot ම් 0.8 6.0 ESS Relative -Relative I 3.75 0.2 3.70 0.0 2000 500 1000 4000 0.2 0.6 8.0 2000 4000 0 0.6 8.0 1.0 0.0 Quantile Quantile Rank (all chains) Total number of draws NADH2_u6mh - Fitted - Thinning factor 10 dnantiles 1.0 Method 4.0 1.2 • bulk **→** tail Trace Plot 8: 8: 6: 8: Rank Plot ව් 0.8 6.0 ESS Relative 2.0 Relative 20.0 0.2 3.7 0.0 0.0 1000 2000 500 4000 0.2 0.2 8.0 1.0 2000 4000 0.6 8.0 0.6 0 0 0.0 0.4 1.0 0.4 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 100 dnantiles 1.0 Method 3.95 1.2 • bulk Relative ESS 9.0 9.0 9.0 🗕 tail Trace Plot 58.8 08.8 08.8 Rank Plot ESS for 9.0 8.0 Relative 3.75 0.2 0.2 3.70 1000 2000 500 4000 2000 4000 8.0 0.0 0.2 8.0 1.0 0 0.0 0.2 0.6 0.6 Quantile Rank (all chains) Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 1000 r small intervals 0.0 8.0 8.0 4.00 duantiles Method 1.2 3.95 - bulk Relative ESS 9.0 9.1 8.0 9.1 **→** tail Trace Plot 58.8 80 8.8 08.8 Rank Plot · |호 0.6 -Relative ESS f 0.0 0.0 0.0 0.0 3.75 0.2 0.0 + 0.0 0.0 1000 2000 4000 2000 500 0.2 8.0 1.0 0.2 8.0 1.0 4000 0.4 0.6 0.4 0.6 0 0.0 Rank (all chains) Quantile Quantile Total number of draws

NADH2_u6mh - Fitted - Thinning factor 1 r small intervals 0.1 0.8 dnantiles 3.95 Method 1.2 • bulk 3.90 • tail Trace Plot 8.8 08.8 Rank Plot ون 8.0 ور ESS for 9.0 4.0 9.0 6.0 ESS Relative -Relative I 3.75 0.2 0.0 500 1000 2000 4000 0.2 8.0 2000 4000 0 0 8.0 0.6 1.0 0.6 0.0 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 10 4.00 dnantiles 1.0 Method 1.2 • bulk 3.95 **→** tail Trace Plot 58.8 80 8.8 80 Rank Plot 9.0 for 6.0 ESS Relative 2.0 4 Relative I 3.75 0.2 0.0 1000 2000 500 4000 0.2 8.0 8.0 1.0 2000 4000 0.6 1.0 0.2 0.6 0.0 0.4 0.4 0 0 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 100 r small intervals 0.1 1.0 8.0 4.00 dnantiles 1.0 Method 1.2 • bulk 3.95 • tail Trace Pot 8.85 8.85 8.80 Rank Plot و. 8.0 وأ Relative ESS for s 0 0 0 0 0 00 0 0 0 6.0 ESS 3.75 0.2 0.2 3.70 1000 2000 500 4000 2000 4000 8.0 0.0 0.2 8.0 1.0 0 0.2 0.6 0.6 0.0 Quantile Rank (all chains) Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 1000 r small intervals 0.0 1.0 8.0 8.0 duantiles 4.00 Method - bulk 3.95 tail Trace Bot 8.85 8.80 8.80 Plot Relative ESS for 5.0 9.0 8.0 8.0 Relative ESS for s
0 0 0 0
0 0 0 0 3.75 0.2 3.70 0.0 + 0.0 0.0 1000 2000 4000 2000 500 0.2 1.0 0.2 8.0 1.0 4000 0.4 0.6 8.0 0.4 0.6 0 0.0 Rank (all chains) Quantile Quantile Total number of draws

NADH2_u6mh - Fitted - Thinning factor 1 dnantiles Method 4.0 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 • tail Trace Plot 8. 6. 6. 6. Rank Plot ම් 0.8 6.0 ESS Relative 2.0 Relative | 0.0 0.2 3.7 0.0 2000 500 1000 4000 8.0 2000 4000 0 0.6 0.2 8.0 0.6 1.0 0 0.0 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 10 dnantiles 4.00 Method 1.2 - bulk 3.95 🕕 tail Trace Plot 58.8 80 Rank Plot ව් 0.8 6.0 ESS 3.80 Relative 2.0 Relative F 3.75 0.2 3.70 0.0 1000 2000 500 4000 0.2 8.0 1.0 2000 4000 0.6 8.0 1.0 0.2 0.6 0 0 0.0 0.4 0.4 Rank (all chains) Quantile Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 100 r small intervals 0.1 1.0 8.0 dnantiles 1.0 Method 4.0 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 • tail Trace Plot 8.8 6.8 Rank Plot و. 8.0 وأ Relative ESS for s 0.00 0.00 0.00 0.00 0.00 0.00 0.00 6.0 ESS 0.2 3.7 1000 2000 500 4000 2000 4000 8.0 0.0 0.2 8.0 1.0 0 0.0 0.2 0.6 1.0 0.6 Quantile Total number of draws Rank (all chains) Quantile NADH2_u6mh - Fitted - Thinning factor 1000 4.00 duantiles Method 1.2 3.95 bulk Trace Plot 58.8 80.8 08.8 Plot for Rank ESS 0.6 Relative 0.2 3.75 0.2 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

NADH2_u6mh - Fitted - Thinning factor 1 dnantiles 3.7 Method 1.2 • bulk 3.6 • tail Rank Plot ම් 0.8 6.0 ESS Relative - 2.0 3.3 Relative I 0.2 3.2 0.0 2000 500 1000 4000 0.6 8.0 4000 0 1.0 2000 0.2 0.2 0.6 8.0 0.0 Quantile Rank (all chains) Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 10 r small intervals 0.1 0.8 3.8 dnantiles 1.0 Method 1.2 • bulk **→** tail Trace Plot 8.8 Prot 9.8 Rank Plot ව් 0.8 6.0 0.4 6.0 ESS Relative 2.0 Relative I 0.2 0.0 0.0 1000 2000 500 4000 0.2 0.2 8.0 1.0 2000 4000 0.6 8.0 1.0 0.6 0.0 0 0.4 0.0 0.4 Quantile Rank (all chains) Quantile Total number of draws NADH2_u6mh - Fitted - Thinning factor 100 dnantiles 1.0 Method 1.2 • bulk Relative ESS 9.0 6.1 9.0 6.1 3.6 • tail Trace Plot 8.5 Rank Plot ESS for 9.0 8.0 3.2 0.2 0.2 1000 2000 2000 500 4000 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 NADH2_u6mh - Fitted - Thinning factor 1000 small intervals 0.0 8.0 8.0 3.45 dnantiles 1.0 Method 1.2 3.40 bulk Relative ESS 9.0 9.0 9.0 Tace Hot 20.8 Second 20.8 Seco Plot 8.0 ESS for Relative ESS for s 0 0 0 0 0 00 0 0 0 0.6 Relative 0.4 3.20 0.2 0.2 3.15 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 0.0 Rank (all chains) Quantile Total number of draws