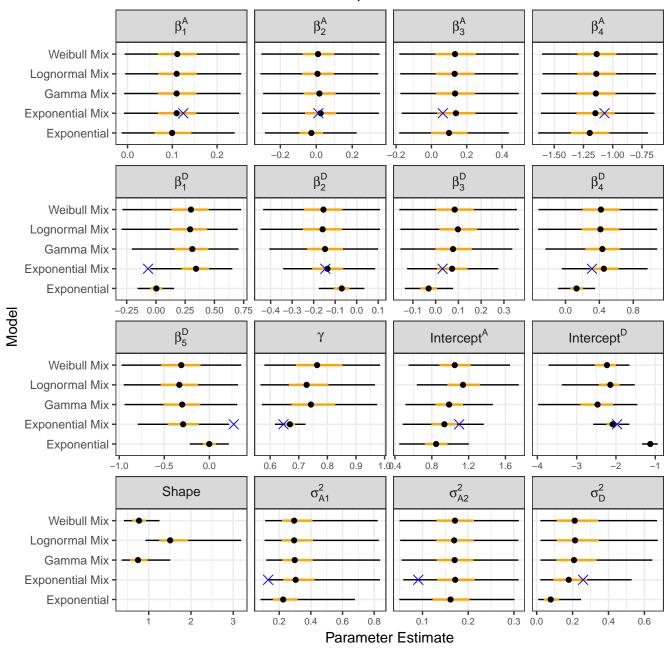
Data: Exponential β_1^{A} β_2^{A} β_3^{A} β_4^{A} Exponential Mix -Exponential -0.00 0.05 0.10 0.15 0.20 -0.2 -0.1 0.0 0.0 0.2 -1.50 -1.25 -1.00 -0.75 0.4 β_1^{D} β_2^{D} Exponential Mix -Exponential --0.2 -0.20 -0.15 -0.10 -0.05 0.00 0.10 0.15 0.20 0.25 0.30 0.350.1 0.4 0.5 -0.1 0.0 0.1 0.2 0.3 Model β_5^{D} Intercept^A Intercept^D γ Exponential Mix -Exponential -0.90 0.95 0.6 0.0 0.1 0.2 0.3 0.4 1.00 0.8 1.0 -1.4 -1.2 -1.0 σ_{A1}^2 σ_{A2}^2 $\sigma_D^2\,$ Exponential Mix -Exponential -0.1 0.2 0.3 0.1 0.3 0.1 0.2 0.3 0.4 0.0 0.2 Parameter Estimate

Data: Exponential Mixture



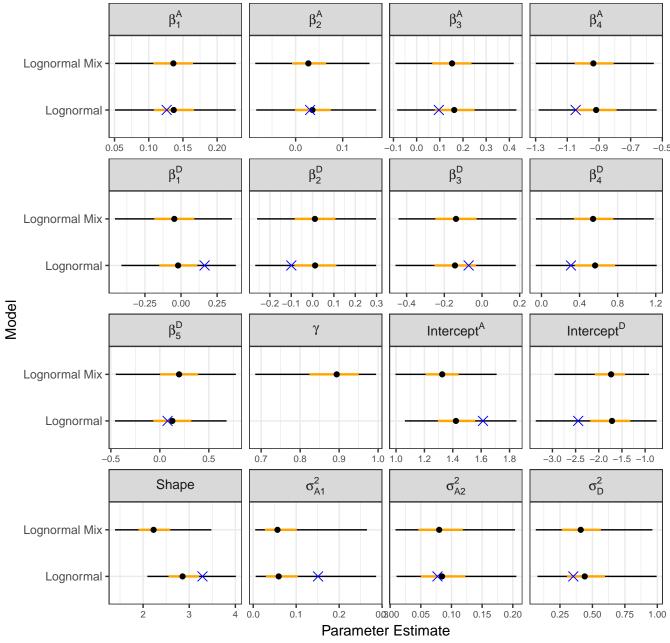
Data: Gamma Nonpeaked β_1^{A} β_2^{A} β_3^{A} β_4^{A} Gamma Mix -Gamma -0.0 0.0 0.2 0.2 0.4 -1.6 -1.4 -1.2 -1.0 -0.8 0.1 -0.1 0.2-0.2 0.1 β_3^{D} β_1^{D} β_2^{D} β_4^{D} Gamma Mix Gamma · 0.2 -0.75 -0.50 -0.25 0.00 0.25-0.2 0.0 0.4 -0.4 -0.2 0.0 -0.5 -0.6 0.5 0.0 1.0 β_5^{D} Intercept^A Intercept^D γ Gamma Mix -Gamma -0.8 0.7 0.8 0.9 1.6 **-**5 -6 -0.4 1.2 2.0 <u>-4</u> 0.0 0.4 1.0 -3 σ_{A1}^2 σ^2_{A2} Shape Gamma Mix -Gamma - + 0.4 0.6 0.8 0.0 0.1 0.3 0.40.00 0.05 0.10 0.15 0.20 0.25 0.5 1.0 0.2 Parameter Estimate

Data: Gamma Nonpeaked Mixture β_1^{A} β_2^A β_3^A β_4^{A} Gamma Mix -Gamma --0.8 0.15 0.0 0.2 0.3 0.4 0.5 0.6 -1.0 -0.6 0.10 0.20 0.25 0.1 0.2 -0.4 β_1^{D} β_2^D β_3^D β_4^{D} Gamma Mix -Gamma + 0.20-0.16 -0.04 -0.20 0.15 -0.12 -0.12 -0.08 0.00 0.05 0.10 0.15 0.20 0.05 0.10 -0.08-0.16 β_5^{D} Intercept^D γ Intercept^A Gamma Mix -Gamma -0.10 0.15 0.20 0.250.980 0.985 0.990 0.995 1.0000.7 0.8 0.9 1.0 1.1 1.2 -1.1 -1.0 -0.9 -0.8 -0.7 -0.6 Shape σ_{A1}^2 σ_{A2}^2 σ_D^2 Gamma Mix Gamma -0.4 0.00 0.05 0.10 3.00 3.25 3.50 0.0 0.1 0.2 0.3 0.15 0.00 0.05 0.10 0.15 Parameter Estimate

Data: Gamma Peaked β_1^{A} β_2^A β_3^A β_4^A Weibull Mix -Lognormal Mix -Gamma Mix -Gamma -Exponential Mix -0.10 0.15 0.20 0.25 -0.2 0.0 0.2 -0.2 0.0 0.2 0.4 -1.0-0.8 -0.6 -0.4 β_3^{D} β_1^D β_2^D Weibull Mix Lognormal Mix -Gamma Mix -Gamma -Exponential Mix --0.25 0.00 0.25 0.50 -0.50 -0.25 0.00 -0.4 -0.2 0.0 0.2 0.0 0.5 1.0 Model β_5^D Intercept^A Intercept^D γ Weibull Mix Lognormal Mix -Gamma Mix -Gamma -Exponential Mix -0.0 0.5 1.00.8 1.2 1.6 -5 1.00.6 0.7 8.0 0.9 2.0 -6 -3 -2 σ_{A1}^2 σ_{A2}^2 σ_D^2 Shape Weibull Mix + + Lognormal Mix -Gamma Mix + + Gamma + Exponential Mix -2 3 0.6 0.05 0.10 1 0.2 0.4 0.15 0.20 0.25 0.50 0.75 1.00 Parameter Estimate

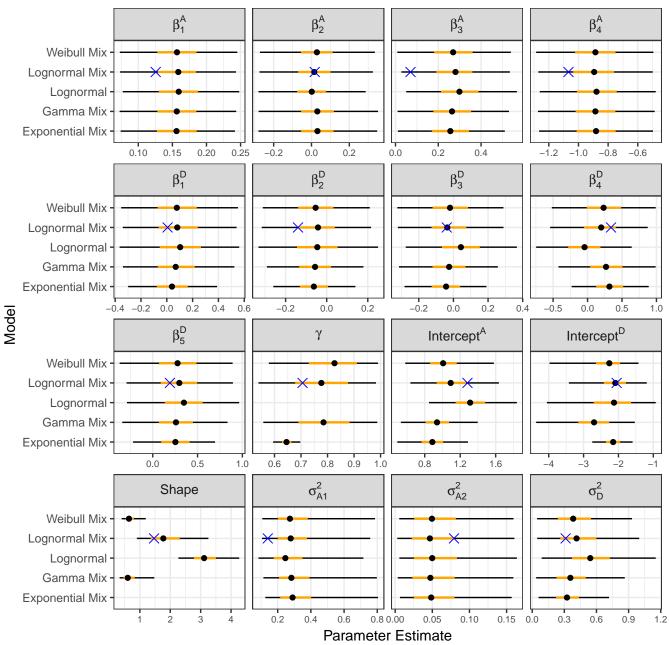
Data: Gamma Peaked Mixture β_1^{A} β_2^A β_3^A β_4^A Weibull Mix -Lognormal Mix -Gamma Mix -Gamma Exponential Mix --0.05 0.00 0.05 0.10 -0.2 -0.1 0.0 0.2 0.3 0.0 0.2 0.4 -1.4 -1.2 -1.0 -0.80.1 β_1^{D} β_3^{D} β_2^D Weibull Mix -Lognormal Mix -Gamma Mix -Gamma -Exponential Mix -0.2 0.4 -0.3 -0.2 0.1 -0.3 -0.2 -0.25 0.00 0.25 0.50 -0.2 0.0 -0.1 0.0 -0.1 0.0 0.1 β_5^D Intercept^A Intercept^D γ Weibull Mix -Lognormal Mix -Gamma Mix -Gamma Exponential Mix 0.65 0.70 0.75 0.80 0.85 2.5 0.0 0.2 0.4 0.6 1.0 1.5 2.0 -6 -2 σ_{A2}^2 σ_D^2 σ_{A1}^2 Shape Weibull Mix -Lognormal Mix -Gamma Mix -Gamma + Exponential Mix -2 0.5 0.00 0.05 0.10 0.2 0.3 0.4 0.15 0.20 0.0 0.1 0.2 0.3 Parameter Estimate

Data: Lognormal Nonpeaked

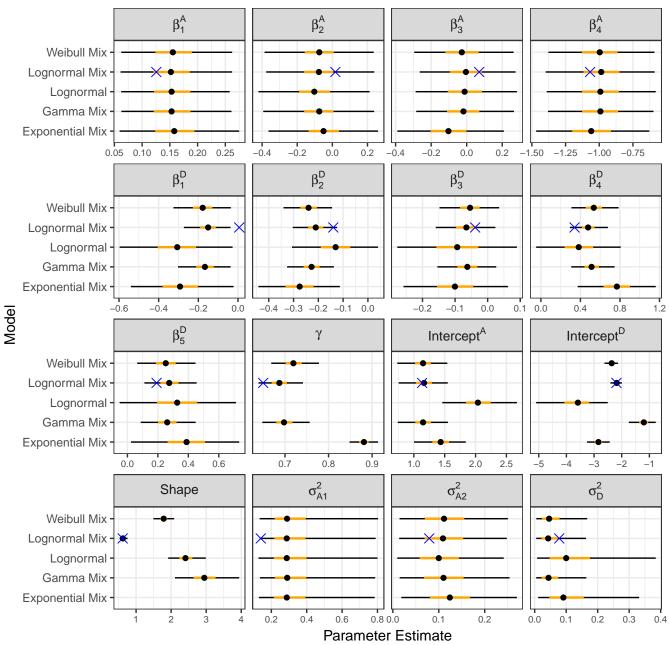


Data: Lognormal Nonpeaked Mixture β_1^A β_2^A β_3^A β_4^A Lognormal Mix -Lognormal --1.0 -0.8 -0.6 -0.4 -0.2 0.05 0.10 0.15 0.20 0.25 -0.2 -0.1 0.0 0.2 0.4 0.1 0.2 0.0 β_3^{D} β_1^{D} β_2^{D} β_4^{D} Lognormal Mix Lognormal -0.10 -0.03 -0.18 -0.15 -0.12 -0.09 0.25 0.30 0.35 0.20 -0.06 0.05 0.15 -0.090.20 Model β_5^D γ Intercept^A Intercept^D Lognormal Mix -Lognormal + X -2.10-2.05-2.00-1.95-1.90 0.25 0.9925 0.9950 0.9975 1.0000 0.8 1.0 1.2 0.10 0.15 0.20 σ_{A1}^2 σ_{A2}^2 Shape σ_D^2 Lognormal Mix -Lognormal -0.2 0.6 0.1 0.2 0.48 0.50 0.52 0.54 0.4 0.3 0.05 0.10 0.15 0.20 Parameter Estimate

Data: Lognormal Peaked



Data: Lognormal Peaked Mixture



Data: Weibull Nonpeaked β_1^{A} β_2^{A} β_3^{A} β_4^{A} Weibull Mix -Weibull -0.05 0.10 0.15 -0.2 0.2 -1.4 -1.2 -1.0 -0.8 -0.6 0.00 -0.1 0.0 0.1 -0.2 0.0 0.4 β_3^{D} β_1^{D} β_2^{D} β_4^{D} Weibull Mix Weibull -0.6-0.6 -0.8 0.0 0.2 0.4 -0.4 -0.2 0.0 0.2 0.4 0.6 -0.4 0.0 0.4 Model β_5^{D} Intercept^D Intercept^A γ Weibull Mix -Weibull -0.5 0.7 0.8 0.9 1.0 1.0 1.5 2.0 -5 0.0 2.5 <u>-</u>6 <u>-</u>3 -0.5 σ_{A2}^2 $\sigma_D^2\,$ Shape Weibull Mix -Weibull - > 0.00 0.05 0.10 0.5 0.7 0.9 0.0 0.1 0.2 0.3 0.4 0.15 0.20 0.0 0.2 0.4 0.6 Parameter Estimate

Data: Weibull Nonpeaked Mixture β_1^{A} β_2^{A} β_3^{A} β_4^{A} Weibull Mix -Weibull --0.2 0.05 0.10 0.15 0.20 0.0 0.2 -0.1 0.0 0.1 0.2 0.3 -1.50 -1.25 -1.00 -0.75 β_1^{D} β_2^{D} β_3^{D} β_4^{D} Weibull Mix -Weibull --0.10-0.20 0.10 0.15 -0.25 -0.20 -0.15 -0.05 0.1 0.3 0.05 -0.10 0.2 -0.05 0.00 -0.15 β_5^{D} Intercept^D Intercept^A γ Weibull Mix -Weibull -0.0 0.97 -2.4 -2.3 -2.2 1.000.6 0.1 0.98 0.99 0.8 1.0 1.2 1.4 -0.1 -2.1 σ_{A1}^2 $\sigma_D^2\,$ σ^2_{A2} Shape Weibull Mix Weibull -0.6 1.8 1.9 2.0 2.1 0.2 0.05 0.10 0.20 0.00 0.4 0.15 0.05 0.10 0.15 Parameter Estimate

Data: Weibull Peaked β_1^{A} β_2^A β_3^A β_4^A Weibull Mix -Weibull -Lognormal Mix -Gamma Mix -Exponential Mix -0.05 0.10 0.15 0.20 -0.3 -0.2 -0.1 0.0 0.1 0.2 -0.3 -0.2 -0.1 0.0 0.1 0.2 - 1.4-1.2 -1.0-0.8 β_1^{D} β_2^D β_3^{D} Weibull Mix -Weibull -Lognormal Mix -Gamma Mix -Exponential Mix --0.6 -0.30.0 -0.6 -0.4 -0.2 0.0 -0.2 0.0 0.2 -0.5 0.0 0.5 β_5^D Intercept^A Intercept^D γ Weibull Mix -Weibull -Lognormal Mix -Gamma Mix **Exponential Mix** 1.5 0.0 1.0 1.0 2.0 -0.5 0.5 1.0 0.6 0.7 0.8 0.9 -5 -4 -3 -2 σ_{A1}^2 σ_D^2 Shape Weibull Mix Weibull Lognormal Mix -Gamma Mix -Exponential Mix -2 0.6 0.00 0.05 0.10 1 3 4 0.2 0.4 0.15 0.0 0.3 0.6 0.9 Parameter Estimate

Data: Weibull Peaked Mixture β_1^A β_2^A β_3^{A} β_4^A Weibull Mix -Weibull -Lognormal Mix -Gamma Mix -Exponential Mix -0.05 0.10 0.15 0.20 -0.2 0.0 0.2 0.4 -0.20.0 0.2 -1.8 -1.6 -1.4 -1.2 -1.0 -0.8 β_4^{D} β_1^D β_2^D β_3^{D} Weibull Mix -Weibull -Lognormal Mix -Gamma Mix -Exponential Mix --0.2 0.2 -0.5 -0.4 -0.3 -0.2 -0.1 0.0 -0.3 -0.2 -0.1 0.0 -0.4 0.0 0.1 -0.8 -0.4 0.0 0.4 β_5^D Intercept^A Intercept^D γ Weibull Mix Weibull -Lognormal Mix -Gamma Mix **Exponential Mix** 0.7 8.0 2.0 2.5 -0.30.0 0.3 0.6 0.9 0.9 1.0 1.5 3.0 -6 -4 -2 σ_{A1}^2 σ_{A2}^2 σ_D^2 Shape Weibull Mix -Weibull -Lognormal Mix -Gamma Mix -Exponential Mix -0.6 0.0 0.1 0.2 0.5 1.0 1.5 2.0 0.0 0.2 0.4 0.0 0.2 0.4 0.6 Parameter Estimate