

Survival mean: The model (modelo_glmm.2), presents the lowest AICc value (2195.5). All alternative models showed substantially higher AICc values ($\Delta\text{AICc} = 154.8$), indicating no empirical support.

model	AICc	delta	weight
modelo_glmm.2	2195.5	0.00	1.00
modelo_glmm.1	2350.3	154.80	0
modelo_glmm.3	2350.3	154.80	0

Branch length: The model (modelo_comprimento.3) presents the lowest AICc value (2603.0). All alternative models showed substantially higher AICc values ($\Delta\text{AICc} > 296$), indicating no empirical support.

model	AICc	delta	weight
modelo_comprimento.3	2603.0	0.00	1.00
modelo_comprimento.2	2899.2	296.27	0
modelo_comprimento.4	3098.6	495.60	0
modelo_comprimento.5	3497.8	894.84	0
modelo_comprimento.6	4206.9	1603.93	0

Mean stem diameter The model (modelo_diametro.1), presents the lowest AICc value (3293.9). All alternative models showed substantially higher AICc values ($\Delta\text{AICc} \geq 13.11$), indicating no empirical support.

model	df	AICc	delta	weight
modelo_diametro.1	8	3293.9	0.00	1.00
modelo_diametro.3	16	3307.0	13.11	0
modelo_diametro.2	6	3348.8	54.92	0

Mean root length The model (modelo_raiz.1) presents the lowest AICc value (154.0) and the highest Akaike weight (0.607). The lognormal model (modelo_raiz.3) showed moderate support ($\Delta\text{AICc} = 1.62$), indicating it as a plausible alternative.

model	AICc	delta	weight
modelo_raiz.1	154.0	0.00	0.607
modelo_raiz.3	155.6	1.62	0.270
modelo_raiz.4	158.5	4.48	0.065
modelo_raiz.2	158.7	4.66	0.059

Fresh weight of the aerial part The model as (modelo_peso_umido.3), presents the lowest AICc value (77.8) and the highest Akaike weight (0.663). The Gamma model (modelo_peso_umido.2) showed moderate support ($\Delta AICc = 1.67$; weight = 0.288), indicating that it is also a plausible alternative.

model	AICc	delta	weight
modelo_peso_umido.3	77.8	0.00	0.663
modelo_peso_umido.2	79.5	1.67	0.288
modelo_peso_umido.1	86.3	8.52	0.009
modelo_peso_umido.4	115.4	9,75	0.004

Dry weight of the aerial part The model (modelo_peso_seco.3) presents the lowest AICc value (45.7) and the highest Akaike weight (0.751). The Gamma model (modelo_peso_seco.2) showed moderate support ($\Delta AICc = 2.54$; weight = 0.211), indicating that it represents a plausible alternative model.

model	AICc	delta	weight
modelo_peso_seco.3	45.7	0.00	0.751
modelo_peso_seco.2	48.2	2.54	0.211

modelo_peso_seco.4	51.9	6.26	0.033
modelo_peso_seco.1	55.5	9.88	0.005

Fresh weight of the root The model (modelo_umido_radicular.3), presents the lowest AICc value (66.3) and an Akaike weight close to 1.00, indicating near certainty that this model provides the best fit to the data among the candidate models.

model	AICc	delta	weight
modelo_umido_radicular.3	66.3	0.00	0.999
modelo_umido_radicular.1	80.8	14.52	0.001
modelo_umido_radicular.2	80.8	14.52	0.001

The dry weight of the root The model (modelo_peso_seco_radicular.3), presents the lowest AICc value (18.9) and the highest Akaike weight (0.997). This indicates near certainty that this model provides the best fit to the data among the candidate models.

model	AICc	delta	weight
modelo_peso_seco_radicular.3	18.9	0.00	0.997
modelo_peso_seco_radicular.1	30.5	11.58	0.003
modelo_peso_seco_radicular.2	48.2	29.25	0.000
modelo_peso_seco_radicular.4	51.9	32.97	0.000