DEMOGRAPHY OF *MORA PARAENSIS* (DUCKE) DUCKE IN THE ESTUARINE FLOODPLAIN FORESTS OF THE AMAZON RIVER

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SUPPLEMENTARY MATERIAL

Table S1. Model structures for survival based on plant size (diameter) with corresponding Akaike Information Criterion (AIC) scores for two populations of the pracuuba tree *Mora paraensis* during four sampling intervals. The models selected are highlighted in bold with their respective coefficients.

Population	Sampling interval 1		Sampling interval 2		Sampling interval 3		Sampling interval 4	
	Model structure	AIC	Model structure	AIC	Model structure	AIC	Model structure	AIC
Near	surv ~ 1	105.5	surv ~ 1	105.5	surv ~ 1	201.5	surv ~ 1	129.0
	surv ~ 0.24size	**107.4**	**surv ~ 0.98size**	**106.7**	surv ~ size	202.7	**surv ~ -0.56size**	**130.6**
	surv ~ size + size²	109.4	surv ~ size + size²	104.9	surv ~ size + size²	204.7	surv ~ size + size²	132.0
	surv ~ size + size² + size³	111.4	surv ~ size + size² + size³	105.9	**surv ~ 109.32size – 94.87size² + 26.42size³**	**198.4**	surv ~ size + size² + size³	133.9
Distant	surv ~ 1	53.1	surv ~ 1	44.6	-	-	surv ~ 1	53.2
	surv ~ 11.83size	**42.3**	surv ~ size	46.4	-	-	**surv ~ 1.43size**	**54.1**
	surv ~ size + size²	44.3	surv ~ size + size²	47.5	-	-	surv ~ size + size²	56.1
	surv ~ size + size² + size³	45.8	**surv ~ 322.97size – 268.01size² + 70.62size³**	**41.9**	-	-	surv ~ size + size² + size³	58.1

Table S2. Model structures for growth based on plant size (diameter) with corresponding Akaike Information Criterion (AIC) scores for two populations of the pracuuba tree *Mora paraensis* during four sampling intervals. The models selected are highlighted in bold with their respective coefficients.

Population	Sampling interval 1		Sampling interval 2		Sampling interval 3		Sampling interval 4	
	Model structure	AIC	Model structure	AIC	Model structure	AIC	Model structure	AIC
Near	sizeNext ~ 1	431.7	sizeNext ~ 1	424.1	sizeNext ~ 1	416.8	sizeNext ~ 1	393.5
	sizeNext ~ 0.99size	**3393.5**	sizeNext ~ size	3808.7	sizeNext ~ size	3526.5	sizeNext ~ size	-1981.9
	sizeNext ~ size + size²	3393.4	**sizeNext ~ 1.03size – 0.01size²**	**3817.4**	**sizeNext ~ 1.12size – 0.08size²**	**3536.1**	sizeNext ~ size + size²	-1983.7
	sizeNext ~ size + size² + size³	3392.4	sizeNext ~ size + size² + size³	3816.8	sizeNext ~ size + size² + size³	3535.2	**sizeNext ~ 0.25size +0.64size² - 0.18size³**	**-1992.7**
Distant	sizeNext ~ 1	257.5	sizeNext ~ 1	257.5	-	-	sizeNext ~ 1	260.7
	sizeNext ~ size	1595.6	**sizeNext ~ 0.99size**	**1484.8**	-	-	**sizeNext ~ 095size**	**-534.6**
	sizeNext ~ size + size²	1598.7	sizeNext ~ size + size²	1483.4	-	-	sizeNext ~ size + size²	-534.1
	sizeNext ~ 1.29size – 0.23size² + 0.05size³	**1601.4**	sizeNext ~ size + size² + size³	1481.8	-	-	sizeNext ~ size + size² + size³	-532.5