Factors influencing nest decomposition time: results of the period-specific survival models (P1 (2003-2007); P2 (2016-2018)). For each category, (parameter) included in the models we show 1) Parameter mean: posterior mean with 95% confidence interval (95% CI) (log-scale); and 2) Average decomposition time: with 95% confidence interval (95% CI) (natural scale (Days)).

Period	Factor	Category	Parameter	Parameter mean (95% CI) Log-scale	Average decomposition time (95% CI) Natural scale (Days)
P1	Forest type (F)	Swamp	F_1	0.22 (-6.13–6.71)	63.21 (50.04–77.66)
		Terra firma	F_2	0.55 (-5.78–7.01)	88.04 (83.71–92.63)
	Nest exposure (E)	Close	ε_1	0.49 (-6.02–6.95)	80.41 (74.45–86.63)
		Open	ε_2	0.61 (-5.87–7.09)	91.09 (85.64–96.76)
	Nest position (P)	Side branch	π_1	0.57 (-5.93–6.91)	85.41 (80.91–90.34)
		Top	π_2	0.66 (-5.87–6.99)	93.63 (83.17–104.89)
	Nest construction type (C)	Single tree	γ_1	0.57 (-5.88–6.90)	89.5 (84.80–94.40)
		Integrated	γ_2	0.42 (-6.01–6.71)	77.14 (69.43–85.38)
	Nest relative height (H)	Low	η_1	0.39 (-5.15–5.92)	91.61 (81.96–102.36)
		Medium	η_2	0.35 (-5.20–5.87)	87.82 (82.42–93.41)
		High	η_3	0.27 (-5.27–5.79)	81.22 (73.20–89.58)
	Average precipitation (W)	Low	ω_1	0.38 (-5.11–5.81)	90.19 (74.58–107.36)
		Medium	ω_2	0.34 (-5.17–5.76)	86.24 (80.85–91.78)
		High	ω_3	0.35 (-5.21–5.77)	87.32 (77.55–97.65)
	Average storms (S)	Low	σ_1	-0.13 (-5.48–5.20)	38.57 (31.96–45.78)
		Medium	σ_2	0.84 (-4.52–6.15)	102.29 (96.20–108.8)
		High	σ_3	0.47 (-4.92–5.78)	70.69 (61.61–80.55)
	Differential temperature (D)	Low	δ_1	0.27 (-4.92–5.50)	83.16 (74.97–91.73)
		Medium	δ_2	0.34 (-4.84–5.58)	89.24 (83.57–95.14)
		High	δ_3	0.29 (-4.91–5.54)	84.97 (77.68–92.83)
	Rain at construction (R)	No	ρ_1	0.51 (-5.88–7.16)	86.42 (82.04–91.14)
		Yes	ρ_2	0.54 (-5.85–7.19)	88.36 (79.46–97.62)
P2	Forest type (F)	Swamp	F_1	0.60 (-5.95–7.06)	136.86 (111.08–163.97)
		Terra firma	F_2	0.34 (-6.19–6.76)	104.82 (98.73–111.27)
	Nest exposure (E)	Close	ε_1	0.45 (-5.96–6.89)	96.54 (88.03–105.69)
		Open	ε_2	0.59 (-5.86–7.04)	111.41 (104.15–119.02)
	Nest position (P)	Side branch	π_1	0.43 (-6.17–7.04)	104.55 (98.39–111.13)
		Top	π_2	0.67 (-5.96–7.27)	132.96 (107.76–159.99)
	Nest construction type (C)	Single tree	γ_1	0.67 (-5.95–7.04)	112.01 (105.15–119.04)
		Integrated	γ_2	0.36 (-6.28–6.75)	82.05 (69.55– 95.72)
	Nest relative height (H)	Low	η_1	0.37 (-5.16–5.60)	121.09 (104.64–139.77)
		Medium	η_2	0.25 (-5.28–5.51)	107.29 (99.99–114.84)
		High	η_3	0.14 (-5.42–5.45)	96.16 (83.8–109.50)
	Average precipitation (W)	Low	ω_1	0.46 (-4.80–5.67)	86.09 (70.17–103.55)
		Medium	ω_2	0.72 (-4.54–5.97)	110.48 (104.04–117.37)
		High	ω_3	0.04 (-5.19–5.26)	56.74 (39.16– 77.37)

Average storms (S)	Low	σ_1	0.12 (-5.17–5.19)	63.01 (50.66– 77.05)
	Medium	σ_2	0.75 (-4.58–5.82)	117.22 (110.4–124.57)
	High	σ_3	0.18 (-5.15–5.29)	66.24 (54.42– 79.04)
Differential temperature (D)	Low	δ_1	0.46 (-5.21–5.89)	107.29 (94.63–121.23)
	Medium	δ_2	0.45 (-5.20–5.85)	105.96 (99.00–113.27)
	High	δ_3	0.48 (-5.17–5.88)	108.48 (94.36–123.71)
Rain at construction (R)	No	ρ_1	0.56 (-6.11–7.02)	106.58 (100.53–113.02)
	Yes	ρ_2	0.55 (-6.09–7.00)	106.39 (89.94–124.60)