

Spatial segregation between Gray-cheeked Thrush and an introduced nest predator in a managed forest landscape

APPENDIX 1 - SUPPLEMENTAL MATERIALS

Figure S1

Table S1

Table S2

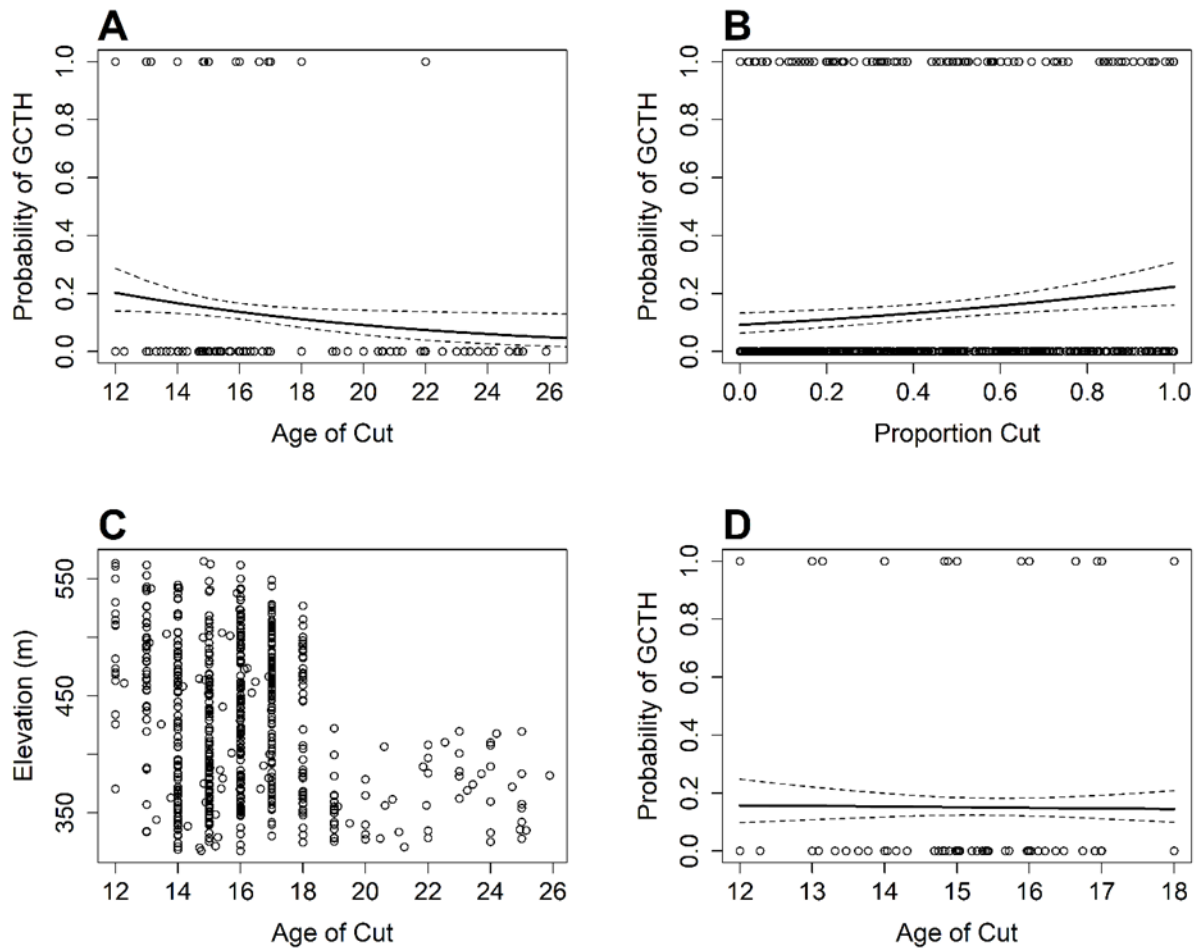


Figure S1 A and B. Predicted probability of Newfoundland Gray-cheeked Thrush, *minimus* subspecies presence at elevations above 317 m in the Long Range Mountains, Newfoundland as a function of the age of harvested areas and proportion of habitat within 132 m that was cut, respectively (n = 664). Plots were generated from predicted values while holding the other variable constant at its mean; observations are shown as presences and absences (1 or 0) while dotted lines indicate 95% confidence intervals. **C.** Distribution of cut age classes as a function of elevation. **D.** Post-hoc analysis showing probability of thrush presence as a function of the age of cut areas, where data were truncated to only include points where 12 to 18 year-old cuts were present (n = 601).

Table S1. A priori habitat models showing composition, successional stage, and composite succession/composition variables used to describe the occurrence of Newfoundland Gray-cheeked Thrush, *minimus* subspecies in the Long Range Mountains, Newfoundland in 2016 and 2017. All models also included year and predicted probability of red squirrel presence based on McDermott et al. (2020). See Table 1 for variable name descriptions.

Model	Local scale (132 m)			Landscape scale (1250 m)				
	Composition	Successional stage	Successional stage/ Composition	Other	Composition	Successional stage	Successional stage/ Composition	Other
1	conifer, mix			open, lowscrub, tallscrub, shoreline	conifer, mix			open, lowscrub, harv, shoreline
2	conifer, mix			open, lowscrub, tallscrub, shoreline, harv		regen, secgf, oldgf		open, lowscrub, tallscrub, shoreline
3		regen, secgf, oldgf		open, lowscrub, tallscrub, shoreline	conifer, mix			open, lowscrub, harv, shoreline
4		secgf		open, lowscrub, tallscrub, shoreline, harv		regen, secgf, oldgf		open, lowscrub, tallscrub, shoreline
5			ct2, mt1	open, lowscrub, tallscrub, shoreline, harv		regen, secgf, oldgf		open, lowscrub, tallscrub, shoreline
6		secgf		open, lowscrub, tallscrub, shoreline, harv			ct1, ct2, ct3, mt1, mt3	open, lowscrub, tallscrub, shoreline
7	conifer, mix			open, lowscrub, tallscrub, shoreline, harv			ct1, ct2, ct3, mt1, mt3	open, lowscrub, tallscrub, shoreline
8			ct1, ct2, ct3, mt1, mt2	open, lowscrub, tallscrub, shoreline	mix		ct1, ct2, ct3, mt1, mt3	open, lowscrub, tallscrub, shoreline, harv
9			ct2, mt1	open, lowscrub, tallscrub, shoreline, harv				open, lowscrub, tallscrub, shoreline

