

Appendix 5. Model coefficients and 95% confidence intervals for the linear feature width effect from the top three models for each species analyzed in this paper. Linear = linear function ($y \sim x$). Inverse = inverse function ($y \sim x^{-1}$). Square-root = square-root function of distance ($y \sim x^{0.5}$). Piecewise = threshold function of distance. Threshold width = the linear feature width threshold at which the width effect on species abundance (in the piecewise model) changes from positive to negative or from negative to positive.

Species	Model	Coefficients	Threshold Width (m)
Alder Flycatcher <i>Empidonax alnorum</i>	Square-root	0.30 (0.16—0.45)	
	Piecewise	0.10 (-0.01—0.23); b.p.: -0.09 (-0.22—0.04)	15
	Linear	0.02 (0.01—0.04)	
American Robin <i>Turdus migratorius</i>	Piecewise	-0.003 (-0.02—0.02); b.p.: 0.03 (-0.01—0.06)	45
	Linear	0.01 (-0.00—0.02)	
	Square-root	0.09 (-0.02—0.20)	
Chipping Sparrow <i>Spizella passerina</i>	Linear	0.01 (-0.00—0.01)	
	Square-root	0.05 (-0.05—0.16)	
	Piecewise	0 (-0.02—0.02); b.p.: 0.02 (-0.02—0.05)	40
Clay-coloured Sparrow <i>Spizella pallida</i>	Linear	0.03 (0.02—0.04)	
	Square-root	0.34 (0.19—0.50)	
	Piecewise	0.02 (-0.01—0.06); b.p.: 0.01 (-0.04—0.06)	35
Common Yellowthroat <i>Geothlypis trichas</i>	Piecewise	-0.02 (-0.04—0.00); b.p.: 0.09 (0.03—0.15)	55
	Linear	0.01 (0.00—0.03)	
Dark-eyed Junco <i>Junco hyemalis</i>	Square-root	0.12 (-0.02—0.26)	
	Piecewise	0.04 (0.14—0.24); b.p.: -0.14 (-0.25— -0.04)	15
	Inverse	-6.10 (-10.97— -1.23)	
	Square-root	0.11 (-0.02—0.24)	

Hermit Thrush <i>Catharus guttatus</i>	Piecewise	0.01 (-0.01—0.03); b.p.: -4.61 (-689.70—680.48)	0
	Inverse	1.87 (-3.06—6.79)	
	Linear	-0.00 (-0.01—0.02)	
Lincoln's Sparrow <i>Melospiza lincolnii</i>	Piecewise	0.06 (0.02—0.10); b.p.: -0.06 (-0.11— -0.01)	25
	Inverse	-8.96 (-13.65— -4.27)	
	Square-root	0.22 (0.12—0.33)	
Ovenbird <i>Seiurus aurocapilla</i>	Inverse	10.20 (6.39—14.00)	
	Piecewise	-0.09 (-0.13— -0.05); b.p.: 0.12 (0.06—0.17)	30
	Square-root	-0.32 (-0.47— -0.16)	
Red-breasted Nuthatch <i>Sitta canadensis</i>	Piecewise	-0.04 (-0.08— -0.01); b.p.: 0.09 (-0.00—0.18)	55
	Square-root	-0.20 (-0.42—0.01)	
	Linear	-0.02 (-0.04—0.00)	
Red-eyed Vireo <i>Vireo olivaceus</i>	Inverse	5.72 (1.74—9.71)	
	Piecewise	-0.09 (-0.15— -0.02); b.p.: 0.09 (0.01—0.17)	20
	Square-root	-0.18 (-0.33— -0.03)	
Ruby-crowned Kinglet <i>Regulus calendula</i>	Piecewise	0.04 (0.01—0.08); b.p.: -0.06 (-0.13— -0.00)	35
	Inverse	-4.85 (-10.92— -1.23)	
	Square-root	0.10 (-0.07—0.26)	
Swainson's Thrush <i>Catharus ustulatus</i>	Inverse	1.49 (-1.25—4.22)	
	Square-root	-0.05 (-0.14—0.05)	
	Linear	-0.00 (-0.01—0.00)	
Tennessee Warbler <i>Leiothlypis peregrina</i>	Inverse	0.97 (-1.12—3.06)	
	Square-root	-0.02 (-0.09—0.05)	
	Linear	-0.00 (-0.01—0.00)	

White-throated Sparrow <i>Zonotrichia albicollis</i>	Piecewise	-0.01 (-0.02— -0.00); b.p.: 0.04 (0.01—0.08)	60
	Square-root	-0.07 (-0.14— -0.00)	
	Inverse	2.08 (0.07—4.10)	
Yellow Warbler <i>Setophaga petechia</i>	Linear	0.01 (-0.01—0.02)	
	Square-root	0.05 (-0.12—0.23)	
	Inverse	-1.43 (-7.16—4.30)	
Yellow-rumped Warbler <i>Setophaga coronata</i>	Inverse	-1.56 (-5.32—2.20)	
	Piecewise	0.05 (-0.02—0.12); b.p.: -0.06 (-0.14—0.02)	15
	Square-root	0.01 (-0.10—0.13)	