

**Appendix 3.** Candidate model sets for Wood Thrush abundance (Table A3.1) and nest success (Table A3.2).

**Table A3.1.** List of 29 candidate generalized linear models predicting Wood Thrush abundance. All models include year and fragment ID as random effects.

<b>Model predicting abundance</b>	<b>K</b>	<b>AICc</b>	<b><math>\Delta</math> AICc</b>	<b><math>w_i</math></b>	<b>LL</b>
period*devel_1k+NFNA_1k+size	9	1028.94	0.00	0.65	-505.28
period+devel_1k+NFNA_1k+size	8	1031.99	3.05	0.14	-507.84
period+devel_4k+NFNA_1k+size	8	1033.93	4.99	0.05	-508.81
period*devel_100m+size	8	1034.73	5.79	0.04	-509.21
period*devel_1k+size	8	1035.07	6.13	0.03	-509.38
period+NFNA_1k+size	7	1035.70	6.77	0.02	-510.73
NFNA_100m+size	7	1035.70	6.77	0.02	-510.73
NFNA_1k+size	8	1035.98	7.05	0.02	-509.84
period+devel_100m+NFNA_1k+size	8	1037.36	8.42	0.01	-510.52
period+devel_1k+size	7	1037.85	8.91	0.01	-511.81
period+devel_1k*size	8	1038.86	9.92	0.00	-511.28
period+devel_4k+size	7	1039.46	10.52	0.00	-512.61
period+devel_4k*size	8	1040.24	11.30	0.00	-511.97
period+size	6	1042.27	13.33	0.00	-515.05
period+devel_100m*size	8	1043.32	14.39	0.00	-513.51
period+devel_100m+size	8	1044.35	15.42	0.00	-514.02
period+devel_1k+NFNA_1k	7	1046.27	17.33	0.00	-516.01
devel_4k+NFNA_1k	7	1048.48	19.54	0.00	-517.12
period*devel_4k	7	1048.82	19.89	0.00	-517.29
period*devel_1k	7	1049.16	20.22	0.00	-517.46
period+devel_1k	6	1049.81	20.87	0.00	-518.82
period+devel_4k	6	1051.72	22.79	0.00	-519.77
period+NFNA_1k	6	1052.08	23.14	0.00	-519.95
devel_100m+NFNA_1k	7	1053.85	24.91	0.00	-519.81
period	5	1056.77	27.83	0.00	-523.32
period+devel_100m	6	1058.33	29.39	0.00	-523.07
period+NFNA_100m	6	1058.48	29.54	0.00	-523.15
period*devel_100m	7	1058.99	30.05	0.00	-522.37
null	4	1077.89	48.96	0.00	-534.90

**Table A3.2.** List of 91 candidate generalized linear models predicting Wood Thrush nest success. All models include year and point count station ID as random effects.

<b>Model predicting nest success</b>	<b>K</b>	<b>AICc</b>	<b><math>\Delta</math> AICc</b>	<b><math>w_i</math></b>	<b>LL</b>
height	4	666.58	0.00	0.08	-329.23
period+height	5	667.47	0.89	0.05	-328.65
period	4	668.41	1.83	0.03	-330.15
height+devel_1k	5	668.45	1.87	0.03	-329.14
height+devel_100m	5	668.47	1.89	0.03	-329.15
height+sapling cover	5	668.53	1.95	0.03	-329.18
height+devel_4k	5	668.55	1.96	0.03	-329.19
forest_4k	4	668.87	2.29	0.03	-330.38
period+forest_4k	5	669.06	2.47	0.02	-329.44
period+initiation date	5	669.25	2.67	0.02	-329.54
null	3	669.30	2.72	0.02	-331.62
period+height+devel_4k	6	669.46	2.87	0.02	-328.60
period+height+devel_1k	6	669.47	2.89	0.02	-328.61
period+height+devel_100m	6	669.47	2.89	0.02	-328.61
period+sapling cover+height	6	669.52	2.94	0.02	-328.64
height*devel_1k	6	669.54	2.95	0.02	-328.64
period*height	6	669.54	2.96	0.02	-328.65
initiation date+sapling cover+height	7	669.73	3.15	0.02	-327.70
height*sapling cover	6	669.84	3.26	0.02	-328.80
height*devel_100m	6	670.04	3.46	0.01	-328.90
period+size	5	670.05	3.47	0.01	-329.94
period+canopy cover	5	670.09	3.51	0.01	-329.96
height+sapling cover+size+forest_4k	7	670.16	3.58	0.01	-327.92
period*sapling cover	6	670.22	3.64	0.01	-328.99
height+sapling cover+size	6	670.25	3.67	0.01	-329.00
period+sapling cover	5	670.32	3.74	0.01	-330.07
canopy cover	4	670.34	3.75	0.01	-331.11
period+devel_1k	5	670.34	3.75	0.01	-330.08
period+devel_100m	5	670.34	3.76	0.01	-330.08
period+devel_4k	5	670.35	3.77	0.01	-330.09
height*devel_4k	6	670.51	3.93	0.01	-329.13
initiation date	4	670.60	4.02	0.01	-331.24
period+height*devel_1k	7	670.63	4.05	0.01	-328.15
size	4	670.69	4.10	0.01	-331.28
sapling cover	4	670.70	4.12	0.01	-331.29
size+forest_4k	5	670.75	4.17	0.01	-330.29
period+height*sapling cover	7	670.80	4.22	0.01	-328.24
forest_4k+devel_100m	5	670.82	4.24	0.01	-330.32

forest_4k+devel_1k	5	670.87	4.29	0.01	-330.35
period+initiation date+sapling cover+height	7	670.88	4.30	0.01	-328.28
forest_4k+devel_4k	5	670.88	4.30	0.01	-330.35
devel_1k	4	670.89	4.31	0.01	-331.39
devel_100m	4	670.94	4.36	0.01	-331.41
period+size+forest_4k	6	670.98	4.40	0.01	-329.37
period+height*devel_100m	7	671.06	4.48	0.01	-328.36
period+forest_4k+devel_4k	6	671.09	4.51	0.01	-329.42
period+forest_4k+devel_100m	6	671.10	4.52	0.01	-329.43
period+forest_4k+devel_1k	6	671.12	4.54	0.01	-329.44
devel_4k	4	671.17	4.59	0.01	-331.53
period+height*devel_4k	7	671.49	4.91	0.01	-328.58
initiation date+sapling cover+height+size+forest_4k	8	671.76	5.18	0.01	-327.67
period+height+sapling cover+size+forest_4k	8	671.89	5.31	0.01	-327.73
period*devel_4k	6	671.94	5.36	0.01	-329.85
period+initiation date+size+forest_4k	7	671.98	5.40	0.01	-328.83
period+size+devel_1k	6	672.06	5.48	0.01	-329.91
period+size+devel_4k	6	672.10	5.52	0.01	-329.93
forest_4k+devel_4k	6	672.11	5.52	0.01	-329.93
period+size+devel_100m	6	672.12	5.54	0.01	-329.94
initiation date+size+forest_4k	6	672.15	5.57	0.01	-329.95
period+devel_1k	6	672.24	5.66	0.00	-330.00
period+devel_1k+sapling cover	6	672.25	5.67	0.00	-330.00
period+devel_4k+sapling cover	6	672.26	5.68	0.00	-330.01
period+devel_100m+sapling cover	6	672.27	5.69	0.00	-330.01
devel_1k+sapling cover	5	672.32	5.74	0.00	-331.07
devel_100m+sapling cover	5	672.38	5.80	0.00	-331.10
period*devel_100m	6	672.39	5.80	0.00	-330.07
period+forest_4k*devel_4k	7	672.46	5.88	0.00	-329.07
devel_4k+sapling cover	5	672.57	5.99	0.00	-331.20
size+devel_4k	5	672.70	6.12	0.00	-331.26
size+devel_100m	5	672.73	6.15	0.00	-331.28
size+devel_1k	5	672.74	6.16	0.00	-331.28
forest_4k*devel_1k	6	672.80	6.22	0.00	-330.28
forest_4k*devel_100m	6	672.82	6.24	0.00	-330.29
period+forest_4k*devel_1k	7	673.18	6.60	0.00	-329.42
period+forest_4k*devel_100m	7	673.19	6.61	0.00	-329.43
period+initiation date+sapling cover+height+size+forest_4k	9	673.38	6.79	0.00	-327.42
period+size*devel_4k	7	673.92	7.33	0.00	-329.79
period+devel_100m*sapling cover	7	673.97	7.39	0.00	-329.82
period+size*devel_100m	7	674.04	7.46	0.00	-329.86

period+size*devel_1k	7	674.07	7.48	0.00	-329.87
period+devel_1k*sapling cover	7	674.17	7.59	0.00	-329.92
devel_100m*sapling cover	6	674.18	7.60	0.00	-330.97
devel_1k*sapling cover	6	674.28	7.70	0.00	-331.02
period+devel_4k*sapling cover	7	674.34	7.76	0.00	-330.01
devel_4k*sapling cover	6	674.64	8.06	0.00	-331.20
size*devel_4k	6	674.72	8.14	0.00	-331.24
size*devel_100m	6	674.79	8.21	0.00	-331.27
size*devel_1k	6	674.81	8.23	0.00	-331.28
height+devel_1k+sapling					
cover+size+period+forest_4k+initiation date	10	675.39	8.81	0.00	-327.37
height+devel_100m+sapling					
cover+size+period+forest_4k+initiation date	10	675.49	8.91	0.00	-327.42
height+devel_4k+sapling					
cover+size+period+forest_4k+initiation date	10	675.50	8.91	0.00	-327.42

---