

Appendix B. Test statistics and sample sizes for individual species trends. Change = annual change expressed as number of individuals per sampling unit. N = number of stands analyzed. Individual species graphs are in Appendix A.

	Chequamegon NF				Chippewa NF				Superior NF				St. Croix, MN				Southeast MN				Regional			
	change	<i>P</i>	<i>R</i> ²	N	change	<i>P</i>	<i>R</i> ²	N	change	<i>P</i>	<i>R</i> ²	N	change	<i>P</i>	<i>R</i> ²	N	change	<i>P</i>	<i>R</i> ²	N	change	<i>P</i>	<i>R</i> ²	N
Ring-necked Pheasant																	-0.023	0.294	0.22	14				
Mourning Dove																	0.031	0.107	0.43	24				
Red-bellied Woodpecker																	-0.015	0.629	0.05	69				
Yellow-bellied Sapsucker	0.030	0.005	0.65	46	-0.042	0.001	0.72	39	-0.002	0.431	0.07	45	0.000	0.970	0.00	16	0.004	0.730	0.03	26	-0.007	0.232	0.15	130
Downy Woodpecker																	0.005	0.443	0.12	25				
Hairy Woodpecker	0.010	0.132	0.26	10	0.005	0.757	0.01	5									-0.088	0.009	0.77	5				
Pileated Woodpecker																	-0.060	0.120	0.42	7				
Olive-sided Flycatcher					-0.004	0.801	0.01	5																
Eastern Wood-Pewee	-0.057	0.001	0.76	42	-0.035	0.018	0.48	49	-0.092	0.000	0.94	14	-0.029	0.017	0.53	40	0.038	0.005	0.82	190	-0.052	0.000	0.91	105
Yellow-bellied Flycatcher	0.055	0.002	0.71	21	0.002	0.893	0.00	18	0.021	0.064	0.33	43	-0.018	0.318	0.12	9					0.027	0.016	0.49	82
Acadian Flycatcher																	0.109	0.084	0.48	8				
Alder Flycatcher	0.077	0.028	0.47	12	-0.015	0.352	0.10	9	-0.016	0.474	0.06	17	-0.014	0.342	0.11	6					0.018	0.374	0.09	38
Least Flycatcher	-0.012	0.693	0.02	50	0.065	0.012	0.52	64	0.011	0.436	0.07	44	0.115	0.000	0.89	55					0.031	0.066	0.33	158
Great Crested Flycatcher	-0.014	0.073	0.35	20	-0.047	0.002	0.68	16					-0.047	0.017	0.53	9	-0.034	0.126	0.40	96				
Eastern Kingbird	0.019	0.169	0.22	6																				

Appendix B (continued).

	Chequamegon NF				Chippewa NF				Superior NF				St. Croix, MN				Southeast MN				Regional			
	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N
Yellow-throated Vireo					0.013	0.096	0.28	17					0.031	0.089	0.32	12	-0.035	0.066	0.52	37				
Blue-headed Vireo	-0.008	0.620	0.03	9	0.008	0.156	0.21	11	-0.003	0.852	0.00	8									0.003	0.624	0.03	28
Warbling Vireo																	0.041	0.013	0.74	10				
Red-eyed Vireo	0.071	0.026	0.48	111	0.005	0.858	0.00	113	0.029	0.220	0.16	142	0.038	0.053	0.39	142	0.083	0.020	0.70	161	0.033	0.137	0.23	366
Blue Jay	0.001	0.928	0.00	49	-0.017	0.220	0.16	27	0.009	0.496	0.05	48	-0.035	0.097	0.31	16	0.000	0.995	0.00	101	0.004	0.692	0.02	124
American Crow																	0.195	0.002	0.88	184				
Black-capped Chickadee	-0.017	0.102	0.30	59	0.024	0.035	0.41	38	0.030	0.032	0.42	16	0.021	0.226	0.18	29	0.063	0.000	0.95	109	0.009	0.284	0.13	113
Red-breasted Nuthatch	0.007	0.192	0.20	24	0.031	0.003	0.65	29	0.020	0.017	0.49	38	0.045	0.065	0.36	7					0.021	0.000	0.78	91
White-breasted Nuthatch	0.013	0.065	0.36	11	0.090	0.029	0.43	10					0.031	0.096	0.31	23	0.051	0.007	0.79	99				
Brown Creeper	-0.023	0.083	0.33	33	-0.014	0.070	0.32	25	0.007	0.264	0.14	20									-0.012	0.015	0.50	78
House Wren																	0.034	0.001	0.90	86				
Winter Wren	-0.075	0.000	0.91	40	-0.042	0.023	0.45	39	-0.036	0.029	0.43	62	-0.015	0.449	0.07	8					-0.044	0.007	0.57	141
Golden-crowned Kinglet	-0.017	0.523	0.05	7	-0.043	0.047	0.37	12	0.000	0.987	0.00	27	-0.045	0.016	0.54	6					-0.013	0.205	0.17	46
Ruby-crowned Kinglet									-0.042	0.001	0.72	6												
Blue-gray Gnatcatcher																	-0.030	0.045	0.58	96				
Veery	-0.021	0.185	0.21	55	0.023	0.356	0.10	74	-0.020	0.189	0.18	98	0.033	0.001	0.75	119	0.038	0.649	0.04	10	-0.012	0.427	0.07	227

Appendix B (continued).

	Chequamegon NF				Chippewa NF				Superior NF				St. Croix, MN				Southeast MN				Regional			
	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N	change	<i>P</i>	R ²	N
Swainson's Thrush									-0.001	0.929	0.00	26												
Hermit Thrush	-0.041	0.000	0.82	71	-0.048	0.007	0.57	62	0.007	0.663	0.02	55	-0.001	0.955	0.00	28					-0.026	0.021	0.47	188
Wood Thrush	0.060	0.002	0.70	11									0.023	0.078	0.34	8	0.073	0.000	0.98	32				
American Robin	0.024	0.165	0.23	69	0.018	0.264	0.14	41	-0.005	0.690	0.02	75	-0.001	0.970	0.00	21	0.100	0.005	0.82	83	0.010	0.432	0.07	185
Gray Catbird					0.158	0.000	0.83	5					-0.016	0.311	0.13	8	0.019	0.546	0.08	24				
Brown Thrasher	-0.009	0.728	0.02	10																				
Cedar Waxwing					0.039	0.000	0.80	9					0.093	0.012	0.57	6								
Blue-winged Warbler																	-0.067	0.005	0.82	8				
Golden-winged Warbler	0.023	0.297	0.13	8	0.001	0.951	0.00	16	-0.054	0.000	0.85	7	-0.043	0.211	0.19	8					-0.008	0.403	0.08	31
Tennessee Warbler									-0.071	0.196	0.18	7												
Nashville Warbler	-0.040	0.001	0.79	82	-0.030	0.419	0.07	76	-0.018	0.297	0.12	142	-0.037	0.043	0.42	62					-0.031	0.086	0.29	300
Northern Parula	0.000	0.989	0.00	22	-0.009	0.437	0.07	23	0.043	0.026	0.44	47									0.020	0.029	0.43	92
Yellow Warbler					-0.053	0.029	0.43	8									-0.015	0.328	0.19	13				
Chestnut-sided Warbler	0.030	0.026	0.48	58	0.054	0.002	0.69	82	-0.016	0.506	0.05	121	0.014	0.262	0.15	90					0.010	0.553	0.04	261
Magnolia Warbler					-0.009	0.512	0.05	5	0.029	0.010	0.54	76												
Yellow-rumped Warbler	0.011	0.711	0.02	41	0.017	0.388	0.08	38	0.004	0.869	0.00	52	-0.007	0.794	0.01	13					0.014	0.517	0.05	131

