

Supplementary material

Appendix 1. First-year apparent survival model set for bobolinks and Savannah sparrows breeding in the Champlain Valley of Vermont, 2002-2012.

Model	AICc	Δ AICc	AICc ω_i	Num. Par
fledge date*mass	1854.61	0.00	0.88	15
# host young fledged*species	1860.595	5.98	0.04	15
mass*treatment	1861.674	7.06	0.03	15
mass+fledge date+sex	1865.329	10.72	0.00	15
fledge date*sex	1866.274	11.66	0.00	15
# host young fledged+mass+fledge date	1866.298	11.69	0.00	15
mass+fledge date	1866.436	11.83	0.00	14
# host young fledged+mass+species	1866.593	11.98	0.00	15
# host young fledged+mass+treatment	1866.66	12.05	0.00	15
mass*species	1866.665	12.05	0.00	15
mass+fledge date+treatment	1866.808	12.20	0.00	15
# host young fledged+mass+sex	1866.836	12.23	0.00	15
# host young fledged+sex+fledge date	1866.937	12.33	0.00	15
mass+species	1866.984	12.37	0.00	14
fledge date+sex	1867	12.39	0.00	14
mass+fledge date+species	1867.149	12.54	0.00	15
# host young fledged+sex+treatment	1867.379	12.77	0.00	15
mass+treatment	1867.923	13.31	0.00	14
# host young fledged+mass	1868.044	13.43	0.00	14
# host young fledged+sex+species	1868.199	13.59	0.00	15
sex+treatment	1868.614	14.00	0.00	14
sex+species	1868.806	14.20	0.00	14
fledge date*treatment	1868.847	14.24	0.00	15
# host young fledged+sex	1869.065	14.45	0.00	14
# host young fledged+fledge date	1869.135	14.52	0.00	14
fledge date	1869.276	14.67	0.00	13
fledge date+treatment	1869.524	14.91	0.00	14
# host young fledged*sex	1869.543	14.93	0.00	15
# host young fledged+fledge date+treatment	1869.707	15.10	0.00	15
# host young fledged+treatment	1869.735	15.12	0.00	14
fledge date*species	1869.74	15.13	0.00	15
# host young fledged*mass	1869.813	15.20	0.00	15
mass+sex	1869.888	15.28	0.00	14
# host young fledged+species	1869.922	15.31	0.00	14
# host young fledged+species+treatment	1870.074	15.46	0.00	15
species+treatment	1870.095	15.49	0.00	14
fledge date+species	1870.106	15.50	0.00	14

species*treatment	1870.239	15.63	0.00	15
fledge date+# host fledged+species	1870.406	15.80	0.00	15
species	1870.457	15.85	0.00	13
# host young fledged*fledge date	1870.485	15.87	0.00	15
sex*treatment	1870.643	16.03	0.00	15
# host young fledged*treatment	1870.711	16.10	0.00	15
mass*sex	1870.754	16.14	0.00	15
sex*species	1870.834	16.22	0.00	15
treatment	1871.144	16.53	0.00	13
mass	1871.305	16.69	0.00	13
# host young fledged	1871.567	16.96	0.00	13
sex	1872.373	17.76	0.00	13