

Appendix 5. Spearman rank correlation between \log_{10} housing density and area of agriculture cover (in m^2), area of forest cover (in m^2), percent of the 19.7 km radius buffer in core forest, and \log_{10} core forest area (in m^2). The unit of analysis was the 19.7 km radius circle encompassing each BBS route.

Correlation between variables is presented for the nine largest forested ecoregions and across twenty forest-dominated ecoregions of the conterminous U.S. as a whole in 1990 and 2000.

Ecoregional Province*		Area of Agriculture	Area of Forest	Percent Core Forest	Log core forest
Forested Extent of U.S.	1990	0.36	-0.24	-0.27	-0.16
Forested Extent of U.S.	2000	0.36	-0.26	-0.36	-0.18
Southern Rocky Mountain	1990	0.27	0.21	0.20	0.21
Southern Rocky Mountain	2000	0.23	0.26	0.20	0.24
Sierra Mixed	1990	0.28	-0.17	-0.24	-0.20
Sierra Mixed	2000	0.28	-0.18	-0.26	-0.20
Adirondack-New England Mixed	1990	0.75	0.07	0.12	0.11
Adirondack-New England Mixed	2000	0.76	0.12	0.13	0.14
Laurentian Mixed Forest	1990	0.59	-0.15	-0.12	-0.13
Laurentian Mixed Forest	2000	0.63	-0.20	-0.15	-0.17
Central Appalachian	1990	0.43	-0.62	-0.62	-0.65
Central Appalachian	2000	0.45	-0.65	-0.64	-0.67
Outer Coastal Plain Mixed	1990	0.20	-0.26	-0.15	-0.23
Outer Coastal Plain Mixed	2000	0.18	-0.26	-0.27	-0.26
Southern Mixed Forest	1990	0.25	-0.27	-0.31	-0.30
Southern Mixed Forest	2000	0.29	-0.30	-0.39	-0.33
Eastern Broadleaf (Continental)	1990	0.12	-0.41	-0.44	-0.42
Eastern Broadleaf (Continental)	2000	0.07	-0.38	-0.41	-0.40
Eastern Broadleaf (Oceanic)	1990	0.07	-0.64	-0.68	-0.66
Eastern Broadleaf (Oceanic)	2000	0.08	-0.65	-0.71	-0.68

*Bailey 1995.