

## All MvGLM Models (Adjusted MaxN Values)

Model terms	df	AIC
Urbanization Extent 1km + Human Visitation	13	304.2508
Urbanization Extent 1km + Human Visitation + Domestic Dog Visitation	12	306.4749
Urbanization Extent 1km + Agricultural Extent 5km + Human Visitation	12	309.3111
Urbanization Extent 5km + Human Visitation	13	309.7420
Urbanization Extent 3km + Human Visitation	13	309.7465
Urbanization Extent 1km + Domestic Dog Visitation	13	310.2608
Urbanization Extent 1km + Agricultural Extent 3km + Human Visitation	12	313.0471
Urbanization Extent 1km + Agricultural Extent 1km + Human Visitation	12	313.7207
Agricultural Extent 1km + Human Visitation	13	313.9052
Agricultural Extent 5km + Human Visitation	13	314.0584
Agricultural Extent 3km + Human Visitation	13	315.0784
Urbanization Extent 1km	14	315.1790
Urbanization Extent 5km + Human Visitation + Domestic Dog Visitation	12	315.2689
Urbanization Extent 3km + Human Visitation + Domestic Dog Visitation	12	315.3284
Urbanization Extent 5km + Agricultural Extent 1km + Human Visitation	12	315.4263
Urbanization Extent 5km + Agricultural Extent 5km + Human Visitation	12	315.7493
Urbanization Extent 1km + Agricultural Extent 5km	13	316.3373
Urbanization Extent 3km + Agricultural Extent 5km + Human Visitation	12	316.6300
Urbanization Extent 5km + Domestic Dog Visitation	13	316.7304
Urbanization Extent 1km + Agricultural Extent 3km	13	316.8643
Urbanization Extent 5km + Agricultural Extent 3km + Human Visitation	12	317.3089
Urbanization Extent 3km + Domestic Dog Visitation	13	317.6510
Urbanization Extent 3km + Agricultural Extent 1km + Human Visitation	12	317.8279
Urbanization Extent 3km + Agricultural Extent 5km	13	318.3097
Urbanization Extent 3km + Agricultural Extent 3km + Human Visitation	12	318.7090

## All MvGLM Models (Adjusted MaxN Values)

Model terms	df	AIC
Urbanization Extent 5km + Agricultural Extent 5km	13	318.7826
Urbanization Extent 1km + Agricultural Extent 5km + Domestic Dog Visitation	12	320.0009
Urbanization Extent 3km + Agricultural Extent 3km	13	320.1062
Urbanization Extent 1km + Agricultural Extent 1km + Domestic Dog Visitation	12	321.2109
Urbanization Extent 3km	14	321.3552
Urbanization Extent 1km + Agricultural Extent 3km + Domestic Dog Visitation	12	322.0377
Urbanization Extent 5km	14	322.5293
Urbanization Extent 1km + Agricultural Extent 1km	13	322.7755
Urbanization Extent 5km + Agricultural Extent 3km	13	323.7342
Urbanization Extent 3km + Agricultural Extent 5km + Domestic Dog Visitation	12	324.5351
Urbanization Extent 1km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	324.9402
Urbanization Extent 5km + Agricultural Extent 5km + Domestic Dog Visitation	12	325.1084
Urbanization Extent 1km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	325.5081
Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	12	326.0466
Urbanization Extent 5km + Agricultural Extent 1km + Domestic Dog Visitation	12	326.7664
Urbanization Extent 3km + Agricultural Extent 3km + Domestic Dog Visitation	12	326.8856
Urbanization Extent 5km + Agricultural Extent 3km + Domestic Dog Visitation	12	327.1905
Agricultural Extent 1km + Domestic Dog Visitation	13	327.7443
Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	12	327.7723
Urbanization Extent 5km + Agricultural Extent 1km	13	328.0140
Urbanization Extent 3km + Agricultural Extent 1km + Domestic Dog Visitation	12	328.0930
Urbanization Extent 5km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	328.2362
Urbanization Extent 1km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	328.3320

## All MvGLM Models (Adjusted MaxN Values)

Model terms	df	AIC
Urbanization Extent 3km + Agricultural Extent 1km	13	328.4353
Urbanization Extent 5km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	328.6885
Agricultural Extent 1km	14	329.0046
Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	12	329.5217
Human Visitation	14	329.6045
Urbanization Extent 3km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	330.2685
Human Visitation + Domestic Dog Visitation	13	330.7305
Urbanization Extent 3km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	330.7541
Urbanization Extent 5km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	332.0245
Domestic Dog Visitation	14	332.2907
Urbanization Extent 3km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	333.4897
Agricultural Extent 5km + Domestic Dog Visitation	13	334.8664
Agricultural Extent 3km + Domestic Dog Visitation	13	336.1406
Agricultural Extent 3km	14	338.3683
Null Model	15	338.9664
Agricultural Extent 5km	14	339.3640