

## All MvGLM Models

Model terms	df	AIC
Urbanization Extent 1km + Domestic Dog Visitation	13	260.3182
Urbanization Extent 1km + Human Visitation	13	260.4491
Agricultural Extent 5km + Human Visitation	13	262.0895
Urbanization Extent 1km	14	262.1853
Agricultural Extent 1km + Human Visitation	13	263.7093
Agricultural Extent 3km + Human Visitation	13	264.0475
Urbanization Extent 3km + Human Visitation	13	264.4773
Urbanization Extent 3km + Domestic Dog Visitation	13	266.1965
Urbanization Extent 1km + Human Visitation + Domestic Dog Visitation	12	266.6869
Urbanization Extent 5km + Human Visitation	13	266.9189
Urbanization Extent 3km	14	266.9910
Urbanization Extent 5km + Domestic Dog Visitation	13	267.0691
Urbanization Extent 1km + Agricultural Extent 5km + Human Visitation	12	267.4801
Urbanization Extent 5km	14	269.8151
Urbanization Extent 1km + Agricultural Extent 5km	13	269.9977
Urbanization Extent 1km + Agricultural Extent 3km	13	270.9724
Human Visitation	14	271.5862
Urbanization Extent 3km + Agricultural Extent 5km	13	271.6423
Urbanization Extent 1km + Agricultural Extent 3km + Human Visitation	12	272.2057
Urbanization Extent 1km + Agricultural Extent 1km + Human Visitation	12	272.8191
Urbanization Extent 3km + Agricultural Extent 3km	13	272.9447
Urbanization Extent 5km + Agricultural Extent 5km	13	272.9639
Agricultural Extent 1km	14	274.1322
Domestic Dog Visitation	14	274.1653
Urbanization Extent 3km + Agricultural Extent 5km + Human Visitation	12	274.4584

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Model terms	df	AIC
Urbanization Extent 3km + Human Visitation + Domestic Dog Visitation	12	275.0373
Urbanization Extent 5km + Agricultural Extent 1km + Human Visitation	12	275.2664
Urbanization Extent 5km + Agricultural Extent 5km + Human Visitation	12	275.2791
Urbanization Extent 1km + Agricultural Extent 1km	13	275.5768
Urbanization Extent 3km + Agricultural Extent 1km + Human Visitation	12	275.7097
Human Visitation + Domestic Dog Visitation	13	275.7592
Agricultural Extent 1km + Domestic Dog Visitation	13	276.0904
Urbanization Extent 1km + Agricultural Extent 5km + Domestic Dog Visitation	12	276.4019
Urbanization Extent 5km + Agricultural Extent 3km + Human Visitation	12	276.6337
Urbanization Extent 5km + Agricultural Extent 3km	13	276.7654
Urbanization Extent 3km + Agricultural Extent 3km + Human Visitation	12	276.8291
Urbanization Extent 5km + Human Visitation + Domestic Dog Visitation	12	276.9534
Urbanization Extent 1km + Agricultural Extent 1km + Domestic Dog Visitation	12	277.3803
Null Model	15	278.4332
Agricultural Extent 5km + Domestic Dog Visitation	13	278.4596
Agricultural Extent 3km	14	278.8957
Agricultural Extent 5km	14	279.0450
Urbanization Extent 1km + Agricultural Extent 3km + Domestic Dog Visitation	12	279.0949
Urbanization Extent 3km + Agricultural Extent 1km	13	279.4531
Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	12	279.4769
Urbanization Extent 3km + Agricultural Extent 5km + Domestic Dog Visitation	12	280.2644
Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	12	280.4238
Urbanization Extent 5km + Agricultural Extent 1km	13	280.4272
Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	12	280.4284
Agricultural Extent 3km + Domestic Dog Visitation	13	280.8420

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Model terms	df	AIC
Urbanization Extent 5km + Agricultural Extent 5km + Domestic Dog Visitation	12	281.1105
Urbanization Extent 5km + Agricultural Extent 1km + Domestic Dog Visitation	12	281.5341
Urbanization Extent 3km + Agricultural Extent 1km + Domestic Dog Visitation	12	281.6206
Urbanization Extent 3km + Agricultural Extent 3km + Domestic Dog Visitation	12	282.2632
Urbanization Extent 5km + Agricultural Extent 3km + Domestic Dog Visitation	12	282.6380
Urbanization Extent 1km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	287.0678
Urbanization Extent 1km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	287.4375
Urbanization Extent 1km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	288.5308
Urbanization Extent 5km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	292.0020
Urbanization Extent 3km + Agricultural Extent 1km + Human Visitation + Domestic Dog Visitation	11	292.2578
Urbanization Extent 5km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	292.7483
Urbanization Extent 3km + Agricultural Extent 3km + Human Visitation + Domestic Dog Visitation	11	293.1381
Urbanization Extent 3km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	294.0357
Urbanization Extent 5km + Agricultural Extent 5km + Human Visitation + Domestic Dog Visitation	11	294.2682