**Data Sources for article "Sensitivity of habitat network models to changes in maximum dispersal distance"** by Damian O. Ortiz‐Rodríguez, Antoine Guisan and Maarten J. van Strien

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| --- | --- | --- | --- |
| Data | Used for | Source | Link |
| Species presence records | Species presences, mask | InfoSpecies KARCH | [www.karch.ch](http://www.karch.ch) |
| Traffic data | HSM predictor | ARE (2010). Nationales Personenverkehrsmodell des UVEK (NPVM). | <https://www.are.admin.ch/are/de/home/verkehr-und-infrastruktur/grundlagen-und-daten/verkehrsmodellierung/nationales-personenverkehrsmodell.html> |
| Railways, roads, bodies of water | HSM predictors, mask | SwissTLM3D (Swisstopo 2016) | <https://www.swisstopo.admin.ch/de/geodata/landscape/tlm3d.html> |
| Noise | HSM predictor | EMPA (2011) | <https://www.bafu.admin.ch/dam/bafu/fr/dokumente/laerm/uw-umwelt-wissen/strassenlaerm_berechnungsmodell_sonroad18.pdf.download.pdf/modele_de_calcul_du_bruit_routier_sonroad18.pdf> |
| Population of Switzerland | HSM predictor | STATPOP (BFS 2015) | <https://www.bfs.admin.ch/bfs/en/home/statistics/population/surveys/statpop.html> |
| Land cover | HSM predictors | Arealstatistik (OFS 2010) | <https://www.bfs.admin.ch/bfs/de/home/statistiken/raum-umwelt/erhebungen/area.html> |
| Forest coverage | HSM predictors | Waldmischungsgrad der Schweiz (BFS 2013) | <https://www.bfs.admin.ch/bfs/de/home/dienstleistungen/geostat/geodaten-bundesstatistik/boden-nutzung-bedeckung-eignung/abgeleitete-und-andere-daten/waldmischungsgrad-schweiz.html> |
| Slope | HSM predictor | swissALTI3D (Swisstopo 2018) | <https://www.swisstopo.admin.ch/en/geodata/height/alti3d.html> |
| Climatic variables | HSM predictors | Swiss Eco-Climatic GIS data. Unil/WSL (Broennimann  *et al.* 2003) | <https://www.unil.ch/ecospat/files/live/sites/ecospat/files/shared/CHpreds2.pdf> |