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| --- | --- | --- | --- | --- |
| Trait | Prediction | Type of data | Number of species with data | Source of data |
| Body mass | Larger bodied birds need more microbiome diversity to survive and perform functions related to body mass and scaling laws | Continuous |  | Tobias et al. 2022 |
| Range size |  | Continuous |  | Tobias et al. 2022; BirdLife International |
| Habitat breadth | The more habitats a species is found in will correlate with microbiome diversity because they are exposed to more unique environments | Discrete |  |  |
| Flock size |  | Continuous |  | eBird; Callaghan et al. 2021 |
| Trophic level |  |  |  | Pigot |
| Trophic niche |  | Categorical |  | Pigot |
| Primary habitat |  | Categorical |  |  |
| Primary lifestyle |  | Categorical |  |  |
| Global population abundance |  |  |  | Callaghan et al. 2021 |