

## Species-level average strength

|                                 |           |                                 |           |                                 |           |                                 |           |
|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|-----------|---------------------------------|-----------|
| Veery                           | 1.322294  | Wilson%27s%20Warbler            | -0.068844 | Veery                           | 1.186643  | Gray-cheeked%20Thrush           | 2.482852  |
| Blackpoll%20Warbler             | 1.204782  | Black-capped%20Chickadee        | -0.200615 | Ovenbird                        | 0.951501  | Blackpoll%20Warbler             | 2.369262  |
| Gray-cheeked%20Thrush           | 1.145363  | Yellow%20Warbler                | -0.203138 | Wilson%27s%20Warbler            | 0.940519  | Veery                           | 2.256199  |
| Canada%20Warbler                | 1.065341  | Common%20Yellowthroat           | -0.246023 | Swainson%27s%20Thrush           | 0.859708  | Swainson%27s%20Thrush           | 1.894445  |
| Swainson%27s%20Thrush           | 0.936941  | Black-and-white%20Warbler       | -0.292004 | Black-and-white%20Warbler       | 0.833043  | Willow%20Flycatcher             | 1.870231  |
| Wilson%27s%20Warbler            | 0.910802  | American%20Redstart             | -0.351370 | Mourning%20Warbler              | 0.797666  | Canada%20Warbler                | 1.796213  |
| Alder%20Flycatcher              | 0.838836  | Least%20Flycatcher              | -0.354624 | Blackpoll%20Warbler             | 0.787200  | Red-eyed%20Vireo                | 1.699268  |
| Mourning%20Warbler              | 0.832790  | Northern%20Waterthrush          | -0.375322 | Chestnut-sided%20Warbler        | 0.780884  | Mourning%20Warbler              | 1.583933  |
| Yellow-bellied%20Flycatcher     | 0.745040  | Swainson%27s%20Thrush           | -0.476255 | Canada%20Warbler                | 0.777870  | Ovenbird                        | 1.444843  |
| Chestnut-sided%20Warbler        | 0.704251  | Alder%20Flycatcher              | -0.480365 | Brown%20Thrasher                | 0.749463  | Black-and-white%20Warbler       | 1.358392  |
| Least%20Flycatcher              | 0.569080  | Red-eyed%20Vireo                | -0.493220 | Black-throated%20Blue%20Warbler | 0.667128  | Wood%20Thrush                   | 1.311831  |
| American%20Redstart             | 0.543664  | White-throated%20Sparrow        | -0.494123 | Willow%20Flycatcher             | 0.639434  | Chestnut-sided%20Warbler        | 1.211605  |
| Northern%20Waterthrush          | 0.499111  | Turkey%20Vulture                | -0.523653 | Red-eyed%20Vireo                | 0.638478  | Yellow-bellied%20Flycatcher     | 1.209121  |
| Baltimore%20Oriole              | 0.433932  | Veery                           | -0.543308 | Least%20Flycatcher              | 0.576520  | Alder%20Flycatcher              | 1.201541  |
| Gray%20Catbird                  | 0.405293  | Ovenbird                        | -0.590595 | Yellow-bellied%20Flycatcher     | 0.546889  | Wilson%27s%20Warbler            | 1.036685  |
| Magnolia%20Warbler              | 0.400539  | Chestnut-sided%20Warbler        | -0.595492 | Nashville%20Warbler             | 0.544914  | Least%20Flycatcher              | 0.946427  |
| Black-and-white%20Warbler       | 0.386518  | Mourning%20Warbler              | -0.611586 | Gray-cheeked%20Thrush           | 0.544182  | Common%20Yellowthroat           | 0.911146  |
| Lincoln%27s%20Sparrow           | 0.352134  | Yellow-rumped%20Warbler         | -0.625842 | American%20Redstart             | 0.536945  | American%20Redstart             | 0.840980  |
| Ovenbird                        | 0.272244  | Hermit%20Thrush                 | -0.661852 | Turkey%20Vulture                | 0.423738  | Black-throated%20Blue%20Warbler | 0.756601  |
| Black-throated%20Blue%20Warbler | 0.249598  | Nashville%20Warbler             | -0.664239 | Magnolia%20Warbler              | 0.381285  | Baltimore%20Oriole              | 0.754288  |
| Wood%20Thrush                   | 0.249489  | Ruby-crowned%20Kinglet          | -0.830734 | Alder%20Flycatcher              | 0.318549  | Turkey%20Vulture                | 0.695060  |
| Turkey%20Vulture                | 0.242524  | Yellow-bellied%20Flycatcher     | -0.856980 | Common%20Yellowthroat           | 0.253474  | Gray%20Catbird                  | 0.588892  |
| Red-eyed%20Vireo                | 0.237113  | Gray%20Catbird                  | -0.859142 | Lincoln%27s%20Sparrow           | 0.200413  | House%20Wren                    | 0.540713  |
| Nashville%20Warbler             | 0.204781  | Great%20Blue%20Heron            | -0.879264 | Gray%20Catbird                  | 0.178260  | Brown%20Thrasher                | 0.528436  |
| Willow%20Flycatcher             | 0.132720  | House%20Wren                    | -0.895145 | Northern%20Waterthrush          | 0.170721  | Lincoln%27s%20Sparrow           | 0.396544  |
| Common%20Yellowthroat           | 0.113386  | Canada%20Warbler                | -0.931213 | Yellow%20Warbler                | 0.143950  | Northern%20Waterthrush          | 0.391806  |
| House%20Wren                    | 0.081587  | Brown%20Thrasher                | -0.962156 | Black-capped%20Chickadee        | 0.115758  | Nashville%20Warbler             | 0.325779  |
| Cooper%27s%20Hawk               | -0.045576 | Wood%20Thrush                   | -0.968669 | House%20Wren                    | 0.111758  | Yellow-rumped%20Warbler         | 0.318764  |
| Yellow%20Warbler                | -0.058879 | Lincoln%27s%20Sparrow           | -0.973670 | Baltimore%20Oriole              | 0.106120  | Hermit%20Thrush                 | 0.205277  |
| Yellow-rumped%20Warbler         | -0.094394 | Cooper%27s%20Hawk               | -0.998821 | Ruby-crowned%20Kinglet          | 0.061107  | Cooper%27s%20Hawk               | 0.144098  |
| Brown%20Thrasher                | -0.160928 | Blackpoll%20Warbler             | -1.099254 | Hermit%20Thrush                 | 0.036084  | Magnolia%20Warbler              | 0.058752  |
| Hermit%20Thrush                 | -0.251497 | Baltimore%20Oriole              | -1.115768 | Wood%20Thrush                   | 0.016524  | White-throated%20Sparrow        | -0.025462 |
| White-throated%20Sparrow        | -0.292315 | Magnolia%20Warbler              | -1.153611 | Cooper%27s%20Hawk               | -0.030219 | Black-capped%20Chickadee        | -0.066080 |
| Black-capped%20Chickadee        | -0.328191 | Black-throated%20Blue%20Warbler | -1.200218 | Yellow-rumped%20Warbler         | -0.031811 | Ruby-crowned%20Kinglet          | -0.135854 |
| Great%20Blue%20Heron            | -0.470734 | Willow%20Flycatcher             | -1.479559 | White-throated%20Sparrow        | -0.469849 | Yellow%20Warbler                | -0.333736 |
| Ruby-crowned%20Kinglet          | -0.594946 | Gray-cheeked%20Thrush           | -2.091138 | Great%20Blue%20Heron            | -0.671286 | Great%20Blue%20Heron            | -0.509378 |
| dtype: float64                  |           | dtype: float64                  |           | dtype: float64                  |           | dtype: float64                  |           |

Spring

Breeding

Fall

Wintering