|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| year | transition | week number | *βs* | *βint* | *βrw* | *βst* | % *βrw* | % *βst* | *βint* (Bray-Curtis) |
| 2013 | 1 | 1.5 | 0.448 | 0.700 | 0.250 | 0.450 | 0.357 | 0.643 | 0.780 |
| 2013 | 2 | 2.5 | 0.409 | 0.571 | 0.314 | 0.257 | 0.550 | 0.450 | 0.741 |
| 2013 | 3 | 3.5 | 0.409 | 0.778 | 0.333 | 0.444 | 0.429 | 0.571 | 0.883 |
| 2013 | 4 | 4.5 | 0.476 | 0.660 | 0.304 | 0.355 | 0.461 | 0.539 | 0.717 |
| 2013 | 5 | 5.5 | 0.308 | 0.607 | 0.351 | 0.255 | 0.579 | 0.421 | 0.554 |
| 2013 | 6 | 6.5 | 0.396 | 0.803 | 0.636 | 0.167 | 0.792 | 0.208 | 0.837 |
| 2013 | 7 | 7.5 | 0.409 | 0.808 | 0.583 | 0.224 | 0.722 | 0.278 | 0.818 |
| 2013 | 8 | 8.5 | 0.333 | 0.714 | 0.440 | 0.274 | 0.616 | 0.384 | 0.781 |
| 2013 | 9 | 9.5 | 0.318 | 0.574 | 0.409 | 0.165 | 0.713 | 0.287 | 0.810 |
| 2013 | 10 | 10.5 | 0.179 | 0.424 | 0.292 | 0.132 | 0.688 | 0.312 | 0.528 |
| 2014 | 1 | 1.5 | 0.429 | 0.692 | 0.273 | 0.420 | 0.394 | 0.606 | 0.951 |
| 2014 | 2 | 2.5 | 0.349 | 0.659 | 0.333 | 0.325 | 0.506 | 0.494 | 0.561 |
| 2014 | 3 | 3.5 | 0.345 | 0.614 | 0.405 | 0.209 | 0.660 | 0.340 | 0.514 |
| 2014 | 4 | 4.5 | 0.250 | 0.534 | 0.306 | 0.228 | 0.573 | 0.427 | 0.657 |
| 2014 | 5 | 5.5 | 0.404 | 0.794 | 0.667 | 0.127 | 0.840 | 0.160 | 0.913 |
| 2014 | 6 | 6.5 | 0.448 | 0.750 | 0.471 | 0.279 | 0.627 | 0.373 | 0.585 |
| 2014 | 7 | 7.5 | 0.292 | 0.638 | 0.500 | 0.138 | 0.783 | 0.217 | 0.804 |
| 2014 | 8 | 8.5 | 0.219 | 0.573 | 0.476 | 0.097 | 0.831 | 0.169 | 0.691 |
| 2014 | 9 | 9.5 | 0.206 | 0.519 | 0.402 | 0.116 | 0.776 | 0.224 | 0.563 |
| 2014 | 10 | 10.5 | 0.172 | 0.381 | 0.268 | 0.113 | 0.702 | 0.298 | 0.223 |
| 2014 | 11 | 11.5 | 0.333 | 0.525 | 0.222 | 0.303 | 0.423 | 0.577 | 0.213 |
| 2014 | 12 | 12.5 | 0.261 | 0.355 | 0.184 | 0.171 | 0.518 | 0.482 | 0.321 |
| 2014 | 13 | 13.5 | 0.137 | 0.299 | 0.206 | 0.093 | 0.689 | 0.311 | 0.203 |
| 2014 | 14 | 14.5 | 0.182 | 0.371 | 0.241 | 0.130 | 0.650 | 0.350 | 0.606 |
| 2015 | 1 | 1.5 | 0.467 | 0.706 | 0.231 | 0.475 | 0.327 | 0.673 | 0.926 |
| 2015 | 2 | 3.5 | 0.440 | 0.714 | 0.438 | 0.277 | 0.613 | 0.387 | 0.648 |
| 2015 | 3 | 4.5 | 0.231 | 0.612 | 0.424 | 0.188 | 0.693 | 0.307 | 0.551 |
| 2015 | 4 | 5.5 | 0.275 | 0.541 | 0.319 | 0.222 | 0.589 | 0.411 | 0.666 |
| 2015 | 5 | 6.5 | 0.231 | 0.516 | 0.303 | 0.213 | 0.587 | 0.413 | 0.600 |
| 2015 | 6 | 7.5 | 0.222 | 0.532 | 0.385 | 0.148 | 0.722 | 0.278 | 0.622 |
| 2015 | 7 | 8.5 | 0.341 | 0.616 | 0.437 | 0.179 | 0.709 | 0.291 | 0.692 |
| 2015 | 8 | 9.5 | 0.143 | 0.525 | 0.465 | 0.060 | 0.885 | 0.115 | 0.494 |
| 2015 | 9 | 10.5 | 0.175 | 0.523 | 0.432 | 0.090 | 0.827 | 0.173 | 0.538 |
| 2015 | 10 | 11.5 | 0.137 | 0.456 | 0.388 | 0.068 | 0.851 | 0.149 | 0.398 |
| 2015 | 11 | 12.5 | 0.122 | 0.447 | 0.364 | 0.084 | 0.813 | 0.187 | 0.512 |
| 2015 | 12 | 13.5 | 0.265 | 0.514 | 0.386 | 0.127 | 0.752 | 0.248 | 0.286 |
| 2015 | 13 | 14.5 | 0.241 | 0.463 | 0.267 | 0.197 | 0.575 | 0.425 | 0.387 |
| 2015 | 14 | 15.5 | 0.302 | 0.448 | 0.220 | 0.229 | 0.490 | 0.510 | 0.622 |

**Table S4.** Turnover values for each week-to-week transition for all turnover metrics (including Bray-Curtis interaction turnover) for each year of study.