|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table S5. All potential model combinations from daily training dataset | | | | | | | | | | |
| Intercept | Chla  lag | meanflow | RelHummean | ShortWavemedian | WindSpeed max | df | logLik | AICc | delta | weight |
| 0.226002 | 0.76784 | NA | 0.002235 | NA | NA | 4 | 26.85148 | -45.3069 | 0 | 0.130635 |
| 0.473697 | 0.773935 | NA | NA | NA | -0.06798 | 4 | 26.60982 | -44.8236 | 0.483322 | 0.102591 |
| 0.373764 | 0.785623 | NA | NA | NA | NA | 3 | 25.42409 | -44.6129 | 0.69404 | 0.092332 |
| 0.19055 | 0.776095 | NA | 0.00264 | -0.00188 | NA | 5 | 27.59915 | -44.5983 | 0.708625 | 0.091661 |
| 0.279823 | 0.752109 | -1.13475 | 0.002483 | -0.00273 | NA | 6 | 28.56867 | -44.2888 | 1.018079 | 0.078521 |
| 0.482235 | 0.78263 | NA | NA | -0.00175 | -0.07927 | 5 | 27.2563 | -43.9126 | 1.394327 | 0.065056 |
| 0.327401 | 0.765438 | NA | 0.001632 | NA | -0.04186 | 5 | 27.20429 | -43.8086 | 1.498353 | 0.061759 |
| 0.284867 | 0.752343 | -0.63499 | 0.002046 | NA | NA | 5 | 27.1961 | -43.7922 | 1.514724 | 0.061255 |
| 0.4348 | 0.763225 | -0.83642 | NA | NA | NA | 4 | 26.02521 | -43.6544 | 1.652553 | 0.057176 |
| 0.308158 | 0.774052 | NA | 0.00196 | -0.00207 | -0.05002 | 6 | 28.10316 | -43.3578 | 1.949086 | 0.049297 |
| 0.455919 | 0.76486 | -1.2609 | NA | -0.00213 | NA | 5 | 26.87479 | -43.1496 | 2.157355 | 0.044422 |
| 0.368473 | 0.792603 | NA | NA | -0.00115 | NA | 4 | 25.70935 | -43.0227 | 2.284272 | 0.04169 |
| 0.489071 | 0.764548 | -0.41598 | NA | NA | -0.05779 | 5 | 26.7342 | -42.8684 | 2.43852 | 0.038596 |
| 0.515695 | 0.76639 | -0.83573 | NA | -0.00227 | -0.0622 | 6 | 27.70681 | -42.5651 | 2.74179 | 0.033166 |
| 0.331753 | 0.754615 | -0.96235 | 0.002128 | -0.00271 | -0.02786 | 7 | 28.70469 | -42.2665 | 3.040408 | 0.028566 |
| 0.341256 | 0.755065 | -0.45228 | 0.001664 | NA | -0.03027 | 6 | 27.35279 | -41.8571 | 3.449832 | 0.023278 |