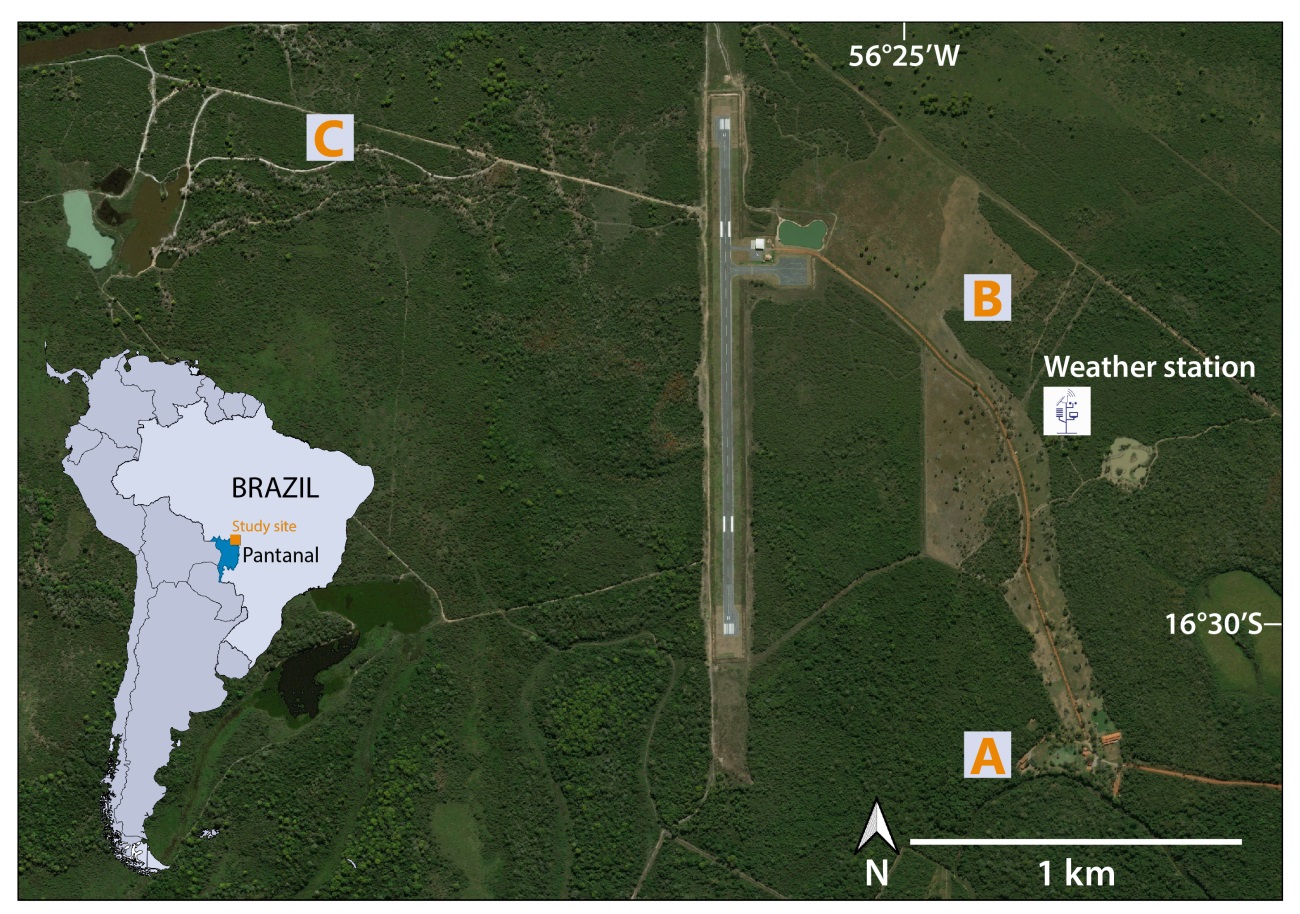
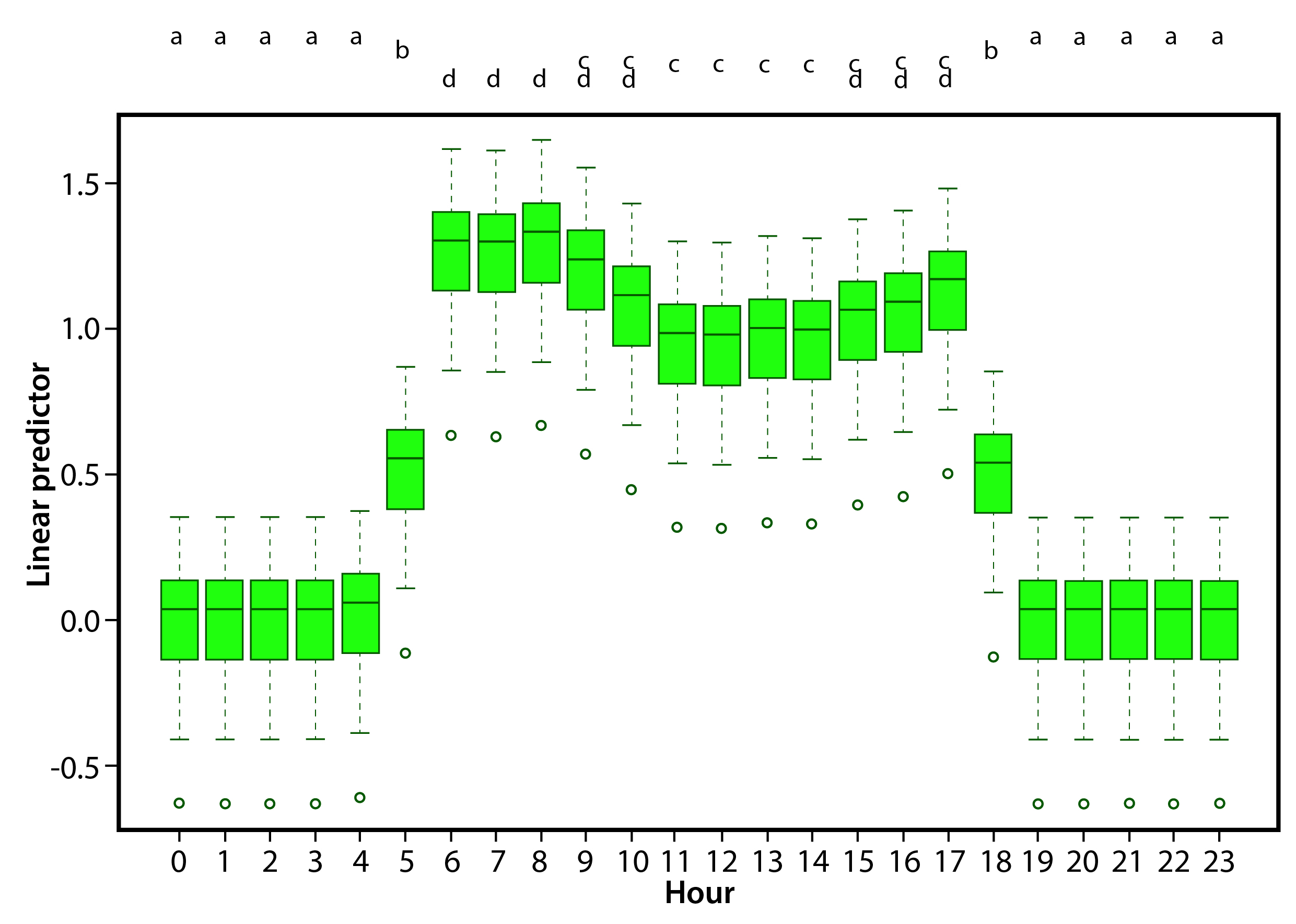
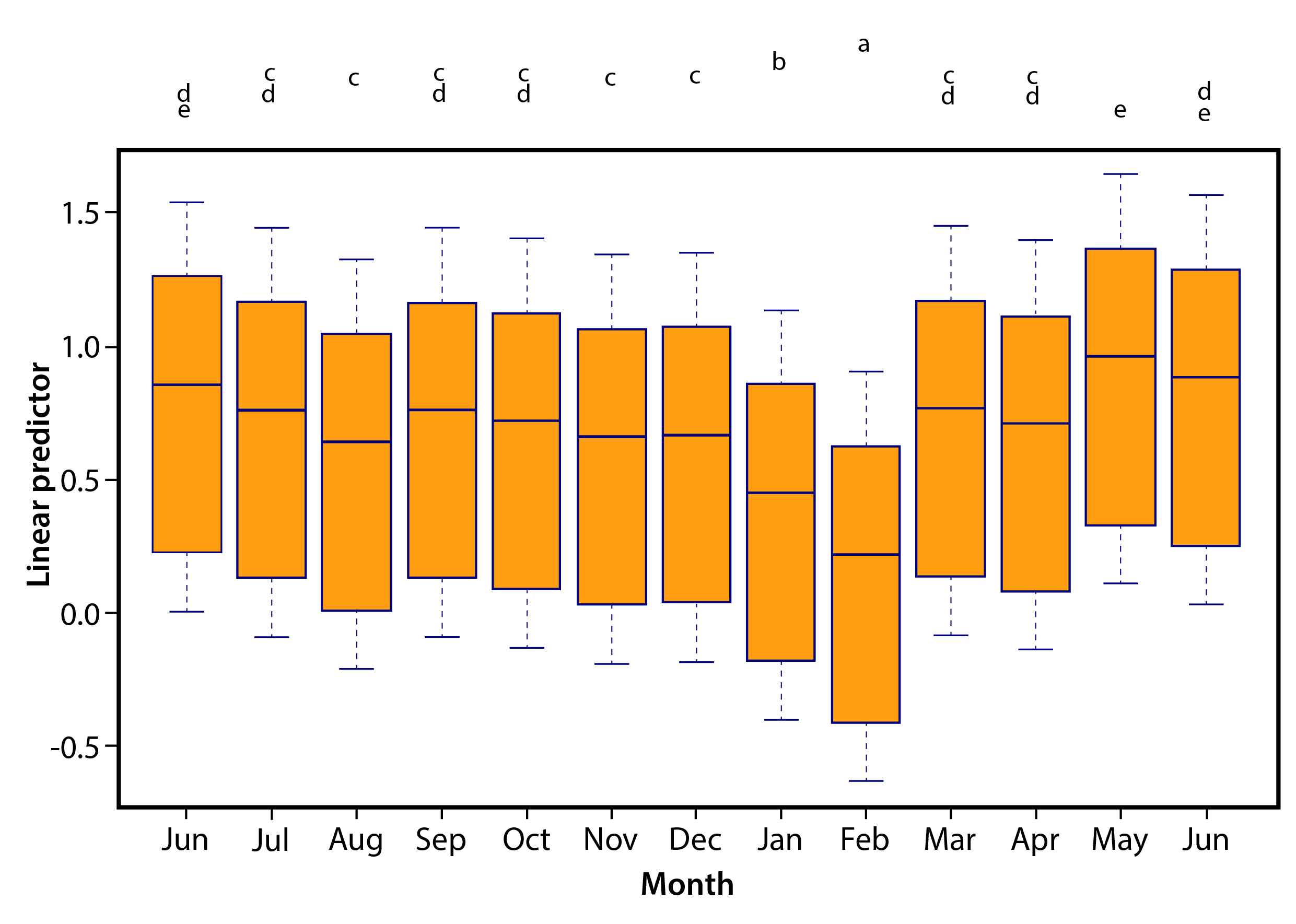
Supplemental Figure S1. Location of the three acoustic monitoring stations and the weather station in the Brazilian Pantanal (Pantanal of Mato Grosso, Poconé municipality, Mato Grosso, Brazil). The inset shows the location of the study area (red square) and the Brazilian Pantanal. Scale bar: 1 km.



Supplemental Figure S2. Plot showing the results of Tukey’s post hoc test for the factor of Hour. Different letters indicate significant differences in the vocal activity of the White-tipped Dove among hours according to Tukey’s test.



Supplemental Figure S3. Plot showing the results of Tukey’s post hoc test for the factor of Month. Different letters indicate significant differences in the vocal activity of the White-tipped Dove among months according to Tukey’s test.



Supplemental Table S1. Mean ± SD (and range) of the acoustic parameters of the call of the White-tipped Dove in the Brazilian Pantanal. A total of 97 calls from the three monitored acoustic stations were measured. Recordings were collected using a Song Meter SM2 recorder (Wildlife Acoustics), and call measurements were performed using Raven Pro 1.5.

|  |  |  |
| --- | --- | --- |
| **Minimum Frequency (Hz)** | **Maximum Frequency (Hz)** | **Duration (s)** |
| 335.9 ± 41.4  (274.6 – 425.6) | 639.6 ± 37.4  (571.3 – 730.8) | 1.13 ± 0.13  (0.80 – 1.65) |

Supplemental Table S2. Number of White-tipped Dove calls detected per hour at three monitoring stations in the Brazilian Pantanal. The total number and percentage of calls detected per hour, with respect to the total number of calls, are also shown. Vocal activity was monitored with acoustic monitoring from 8 June 2015 to 16 June 2016 at three acoustic monitoring stations.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Hour** | **Station A** | **Station B** | **Station C** | **Total** | **%** |
| 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 48 | 56 | 104 | 0.1 |
| 5 | 655 | 4,928 | 4,168 | 9,751 | 3.5 |
| 6 | 6,748 | 12,513 | 12,262 | 31,523 | 11.3 |
| 7 | 7,022 | 12,290 | 10,693 | 30,005 | 10.8 |
| 8 | 7,136 | 13,273 | 12,137 | 32,546 | 11.7 |
| 9 | 6,370 | 10,738 | 9,995 | 27,103 | 9.7 |
| 10 | 5,436 | 7,051 | 6,725 | 19,212 | 6.9 |
| 11 | 4,793 | 6,116 | 5,498 | 16,407 | 5.9 |
| 12 | 4,072 | 5,809 | 5,714 | 15,595 | 5.6 |
| 13 | 3,345 | 6,374 | 6,127 | 15,846 | 5.6 |
| 14 | 3,052 | 6,222 | 6,181 | 15,455 | 5.6 |
| 15 | 3,539 | 7,945 | 6,714 | 18,198 | 6.5 |
| 16 | 4,713 | 7,654 | 7,997 | 20,364 | 7.3 |
| 17 | 3,390 | 8,926 | 8,338 | 20,654 | 7.4 |
| 18 | 410 | 2,990 | 2,209 | 5,609 | 2.0 |
| 19 | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | 0 | 0 | 0 | 0 |

Supplemental Table S3. Number of White-tipped Dove calls detected per month and station in the Brazilian Pantanal. The total number and percentage of calls detected per month, with respect to the total number of calls, are also shown. Vocal activity was monitored with acoustic monitoring from 8 June 2015 to 16 June 2016 at three acoustic monitoring stations.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Month** | **Station A** | **Station B** | **Station C** | **Total** | **%** |
| June 2015 | 2,426 | 13,512 | 16,739 | 32,677 | 11.7 |
| July 2015 | 3,568 | 11,153 | 11,659 | 26,380 | 9.5 |
| August 2015 | 1,369 | 7,536 | 7,931 | 16,836 | 6.0 |
| September 2015 | 1,499 | 9,850 | 11,338 | 22,687 | 8.1 |
| October 2015 | 1,825 | 8,510 | 7,376 | 17,711 | 6.4 |
| November 2015 | 564 | 10,246 | 5,458 | 16,268 | 5.8 |
| December 2015 | 503 | 11,796 | 5,910 | 18,209 | 6.5 |
| January 2016 | 306 | 2,018 | 3,375 | 5,699 | 2.0 |
| February 2016 | 61 | 278 | 471 | 810 | 0.3 |
| March 2016 | 7,283 | 9,169 | 5,403 | 21,855 | 7.9 |
| April 2016 | 4,574 | 6,149 | 6,251 | 16,974 | 6.1 |
| May 2016 | 22,092 | 17,036 | 17,183 | 56,311 | 20.2 |
| June 2016 | 14,611 | 5,624 | 5,720 | 25,955 | 9.3 |