

Table S1. Averages and SDs of the mycorrhizal parameters evaluated across sampling times and phytophysiognomies.

| Phytophysiognomy | Fire | Spore density (no. spores/50cm ³ soil) | | | | Colonization (%) | | | | EGG (mg/g of soil) | | | |
|-----------------------|---------|---|-----------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|--------------------|-----------------|-----------------|-----------------|
| | | 1 st | 2 nd | 3 rd | 4 th | 1 st | 2 nd | 3 rd | 4 th | 1 st | 2 nd | 3 rd | 4 th |
| Campo Limpo | With | 96.333 | 356.833 | 331.333 | 155 | 0.226 | 0.403 | 0.462 | 0.64 | 3.603 | 5.687 | 5.749 | 6.054 |
| | | ±11.499 | ±44.073 | ±53.225 | ±30.469 | ±0.109 | ±0.05 | ±0.144 | ±0.094 | ±0.645 | ±0.076 | ±0.495 | ±0.427 |
| | Without | 68.667 | 170.667 | 186 | 155.5 | 0.544 | 0.882 | 0.806 | 0.681 | 4.504 | 5.749 | 7.085 | 6.054 |
| | | ±19.431 | ±13.96 | ±12.028 | ±30.489 | ±0.138 | ±0.047 | ±0.061 | ±0.102 | ±0.953 | ±0.158 | ±0.274 | ±0.427 |
| Campo Sujo | With | 113 | 178.333 | 189.333 | 104.167 | 0.435 | 0.661 | 0.777 | 0.669 | 5.265 | 5.656 | 6.65 | 5.884 |
| | | ±12.097 | ±19.754 | ±9.463 | ±14.088 | ±0.156 | ±0.059 | ±0.068 | ±0.155 | ±0.854 | ±0.088 | ±0.495 | ±0.32 |
| | Without | 102 | 166 | 127.833 | 113.333 | 0.461 | 0.756 | 0.76 | 0.642 | 4.551 | 5.221 | 5.718 | 5.806 |
| | | ±18.708 | ±23.195 | ±27.552 | ±4.989 | ±0.17 | ±0.042 | ±0.056 | ±0.171 | ±0.972 | ±0.349 | ±0.245 | ±0.359 |
| Cerradão | With | 112.333 | 481 | 391 | 301.167 | 0.187 | 0.403 | 0.862 | 0.624 | 4.489 | 6.496 | 6.931 | 6.396 |
| | | ±52.509 | ±18.403 | ±75.173 | ±75.891 | ±0.115 | ±0.016 | ±0.063 | ±0.14 | ±0.297 | ±0.044 | ±0.376 | ±0.561 |
| | Without | 173 | 413.5 | 214.667 | 328 | 0.25 | 0.491 | 0.731 | 0.542 | 5.064 | 5.78 | 6.837 | 6.256 |
| | | ±29.098 | ±61.784 | ±55.211 | ±90.745 | ±0.048 | ±0.185 | ±0.117 | ±0.138 | ±0.829 | ±0.076 | ±0.439 | ±0.58 |
| Cerrado sensu stricto | With | 58.667 | 224.667 | 274.667 | 108 | 0.403 | 0.736 | 0.822 | 0.506 | 4.893 | 5.749 | 5.723 | 6.598 |
| | | ±18.83 | ±13.597 | ±19.939 | ±39.467 | ±0.065 | ±0.025 | ±0.035 | ±0.144 | ±0.831 | ±0.088 | ±0.044 | ±0.26 |
| | Without | 59.833 | 90.333 | 90.667 | 80.833 | 0.531 | 0.69 | 0.93 | 0.586 | 4.768 | 5.967 | 6.557 | 6.225 |
| | | ±20.948 | ±5.793 | ±4.643 | ±43.341 | ±0.172 | ±0.048 | ±0.023 | ±0.132 | ±0.57 | ±0.403 | ±0.288 | ±0.428 |
| Veredas | With | 115.667 | 276.333 | 419.667 | 184.5 | 0.346 | 0.652 | 0.896 | 0.781 | 3.619 | 6.153 | 6.899 | 5.775 |
| | | ±34.697 | ±28.802 | ±33.954 | ±34.292 | ±0.195 | ±0.04 | ±0.027 | ±0.138 | ±0.393 | ±0.533 | ±0.806 | ±0.258 |
| | Without | 154 | 289.333 | 366.667 | 141.833 | 0.451 | 0.682 | 0.797 | 0.726 | 3.992 | 6.246 | 6.154 | 6.132 |
| | | ±39.737 | ±72.91 | ±85.168 | ±49.083 | ±0.124 | ±0.124 | ±0.094 | ±0.107 | ±0.342 | ±0.332 | ±0.727 | ±0.642 |

EGG: easily extractable glomalin