

**Table S2.** Production of abnormal seedlings (%  $\pm$  SE) for the seeds of Neotropical savanna grasses germinated in light and dark conditions. Abnormal seedlings either develop only the shoot or only the root.

Species	Only the shoot		Only the root	
	Light	Dark	Light	Dark
<b><i>Invasive species</i></b>				
<i>Andropogon gayanus</i>	0.0 $\pm$ 0.0	9.5 $\pm$ 1.5	1.1 $\pm$ 0.7	11.0 $\pm$ 1.9
<i>Urochloa decumbens</i>	0.8 $\pm$ 0.5	9.3 $\pm$ 3.6	1.2 $\pm$ 0.5	1.7 $\pm$ 1.3
<b><i>Native species</i></b>				
<i>Aristida recurvata</i>	3.7 $\pm$ 0.7	58.9 $\pm$ 6.1	0.6 $\pm$ 0.6	4.1 $\pm$ 2.2
<i>Aristida setifolia</i>	21.7 $\pm$ 9.3	34.7 $\pm$ 6.0	0.4 $\pm$ 0.4	2.3 $\pm$ 1.0
<i>Gymnopogon doellii</i>	10.4 $\pm$ 6.2	26.0 $\pm$ 3.0	0.0 $\pm$ 0.0	0.8 $\pm$ 0.5
<i>Gymnopogon spicatus</i>	43.6 $\pm$ 8.5	31.3 $\pm$ 4.4	0.0 $\pm$ 0.0	6.3 $\pm$ 1.9
<i>Paspalum polyphyllum</i>	1.6 $\pm$ 1.0	17.0 $\pm$ 3.4	0.8 $\pm$ 0.8	21.0 $\pm$ 4.0
<i>Paspalum stellatum</i>	4.6 $\pm$ 1.6	24.0 $\pm$ 4.2	0.8 $\pm$ 0.8	13.4 $\pm$ 3.0
<i>Schizachyrium microstachyum</i>	3.3 $\pm$ 2.4	29.8 $\pm$ 7.1	1.3 $\pm$ 0.5	12.0 $\pm$ 2.3
<i>Schizachyrium sanguineum</i>	0.3 $\pm$ 0.3	6.5 $\pm$ 2.5	1.7 $\pm$ 0.5	13.0 $\pm$ 3.2
<i>Thrasya glaziovii</i>	3.9 $\pm$ 1.2	10.2 $\pm$ 2.6	0.3 $\pm$ 0.3	2.1 $\pm$ 1.3