

Supplementary Material

Cross-landscape fuel moisture differences impact simulated fire behaviour

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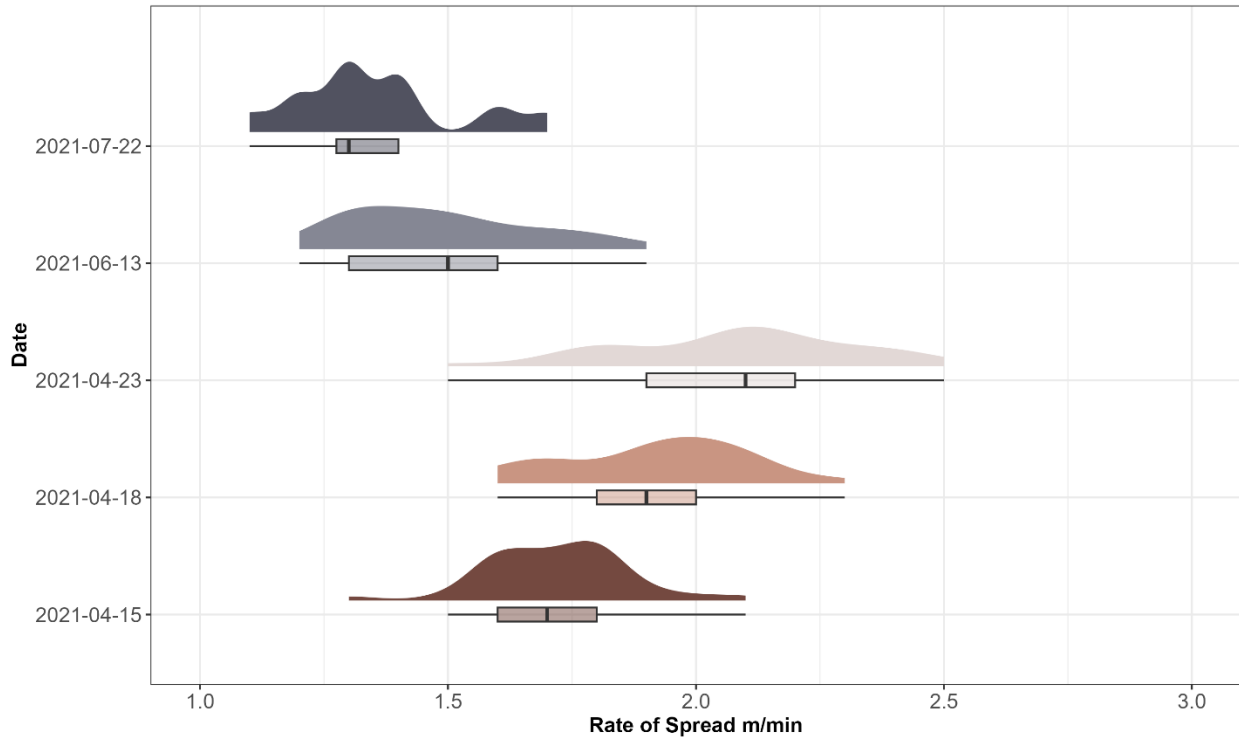


Figure S1. Cross-landscape predicted rate of spread (m/min) variation from observed fuel moisture content inputs for five days during the spring and summer of 2021.

Table S1. Spearman Rank correlation coefficients for dead fuel moisture content predicted using the shaded and unshaded versions of Fosberg’s model and observed combined dead fuel moisture content (average of canopy and stems for each site) on 23/04/2021. Significant correlations ($p < 0.01$) are indicated in bold.

	Fosberg dead unshaded	Fosberg dead shaded	Dead combined fmc
Fosberg dead unshaded	1.000	0.880	-0.070
Fosberg dead shaded	0.880	1.000	0.010
Dead combined fmc	-0.070	0.010	1.000

Table S2. Spearman Rank correlation coefficients for dead fuel moisture content predicted using the shaded and unshaded versions of Fosberg’s model and observed combined dead fuel moisture content (average of canopy and stems for each site) on the 22/07/2021. Significant correlations ($p < 0.01$) are indicated in bold.

	Fosberg dead unshaded	Fosberg dead shaded	Dead combined fmc
Fosberg dead unshaded	1.000	0.980	0.460
Fosberg dead shaded	0.980	1.000	0.480
Dead combined fmc	0.460	0.480	1.000