# Supplement

A close-up of a graph

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**Figure S1**. (**A**) Predominant forest species groups making up 97% of forested area. Hatching represents the fraction of gridcells where that species is the majority (>50% gridcell forested area). (**B**) Distribution of species structural metrics from the TreeMap *Tree Table* including the proportion of live basal area (BA) and trees/pixel (TPP).

A blue and black map

AI-generated content may be incorrect.

**Figure 2.** Aggregation of VIIRS active fire detections (AFD) onto a regular grid for the Williams Fork Fire (2020). (**A**) Pixel centers of AFD from both satellites (S-NPP and JPSS-1); (**B**) Pixel ground area based on swath position (relative nadir position); (**C**) Maximum FRP based on fractional overlap aggregation.

**A graph and diagram of a graph

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**Figure S2.** (A)Distribution of pixel ground area in square kilometers from VIIRS active fire detections. (B) The mean pixel ground area at each swath sample location. The further off-nadir a pixel is, the greater its ground area.

A graph with numbers and a line

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**Figure S3.** Distribution of VIIRS pixel area overlaps with the regular 375 m2 grid of the Southern Rockies showing the cutoff value (>50% gridcell overlap) as a red dashed line and the 100% overlap threshold as a dashed grey line. Only gridcells with *at least* 50% overlap with VIIRS detections were retained for the analysis to limit the contributions of gridcells with very small fractional overlap. 12,639 gridcells were removed from the analysis.

**Table S1.** Statistics calculated for FRP aggregate grid cells.

|  |  |  |
| --- | --- | --- |
| Name | Abbreviation | Some statistic (could do by species) |
|  |  |  |
|  |  |  |

A comparison of a diagram

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**Figure X.** Distribution of (A) Fire Radiative Power, and (B) Composite Burn Index across major forest types.

A diagram of different colored squares

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**Figure SX.** Observed species co-occurrence matrix from the TreeMap Tree Table for all forest species considered to be common in the Southern Rockies.

A graph of a number of numbers

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**A graph of a graph showing different colored lines

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**A graph of different colored lines

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**MODEL RESULTS TABLES?**