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Supplement of

Varying relationships between fire radiative power and fire size at a global scale

Pierre Laurent et al.

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<table>
<thead>
<tr>
<th>Product x cut-off</th>
<th>Number of patches</th>
<th>Number of patches with matching active fire pixels</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCD64A1 x 3</td>
<td>6,350,768</td>
<td>5,234,620</td>
</tr>
<tr>
<td>MCD64A1 x 5</td>
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<td>MCD64A1 x 14</td>
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<td>3,583,996</td>
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<tr>
<td>FireCCI41 x 3</td>
<td>5,264,372</td>
<td>4,405,574</td>
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<tr>
<td>FireCCI41 x 5</td>
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<td>3,285,806</td>
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<td>FireCCI41 x 9</td>
<td>3,058,375</td>
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<tr>
<td>FireCCI41 x 14</td>
<td>2,246,239</td>
<td>1,826,388</td>
</tr>
</tbody>
</table>

Table S1: Total number of fire patches and number of patches with associated active fire pixels.

1 BONA Boreal North America  
2 TENA Temperate North America  
3 CEAM Central America  
4 NHSA Northern Hemisphere South America  
5 SHSA Southern Hemisphere South America  
6 EURO Europe  
7 MIDE Middle East  
8 NHAF Northern Hemisphere Africa  
9 SHAF Southern Hemisphere Africa  
10 BOAS Boreal Asia  
11 CEAS Central Asia  
12 SEAS Southeast Asia  
13 EQAS Equatorial Asia  
14 AUST Australia and New Zealand

Figure S1: GFED sub-regions (as defined in Giglio et al. 2013)
Figure S2: Spatial extents of the shrublands/grasslands (orange), savannas (light green) and forest (dark green) vegetation types.

Figure S3: Same as Figure 1 (MCD64A1), but with a cut-off of 3 days.
Figure S4: Same as Figure 1, but with FireCCI41 (2005-2011) and a cut-off of 14 days.

Figure S5: Same as Figure 4 (MCD64A1), with a cut-off of 3 day.
Figure S6: Same as Figure 4 with FireCCI41, with a cut-off of 14 days.

Figure S7: Percentage of patches with matching FRP information from MCd14ML.