Table 1. Statistical comparison between MODIS and DMC surface reflectance images

|  |  |  |  |
| --- | --- | --- | --- |
| Band | Mean absolute difference (%) | RMS (%) | *R2* |
| Near-infrared | 1.70 | 2.50 | 0.91 |
| Red | 1.18 | 1.75 | 0.95 |
| Green | 0.79 | 1.16 | 0.96 |
| Blue | 0.48 | 0.69 | 0.96 |
| All | 1.04 | 1.67 | 0.94 |

Table 2. Statistical comparison between SPOT 5 and MODIS surface reflectance images

|  |  |  |  |
| --- | --- | --- | --- |
| Band | Mean absolute difference (%) | RMS (%) | *R2* |
| Near-infrared | 4.81 | 5.79 | 0.86 |
| Red | 2.83 | 3.55 | 0.88 |
| Green | 2.40 | 2.91 | 0.87 |
| All | 3.35 | 4.27 | 0.87 |

Table 3. Statistical comparison between SPOT 5 and DMC surface reflectance images

|  |  |  |  |
| --- | --- | --- | --- |
| Band | Mean absolute difference (%) | RMS (%) | *R2* |
| Near-infrared | 4.00 | 5.66 | 0.80 |
| Red | 3.11 | 4.27 | 0.86 |
| Green | 3.19 | 3.86 | 0.85 |
| All | 3.43 | 4.66 | 0.84 |