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

|  |  |  |  |
| --- | --- | --- | --- |
| Band(s) | Mean Abs. Diff. (%) | 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(s) | Mean Abs. Diff. (%) | 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(s) | Mean Abs. Diff. (%) | RMS (%) | *R2* |
| Near-infrared | 5.88 | 7.72 | 0.72 |
| Red | 3.74 | 5.42 | 0.74 |
| Green | 2.93 | 4.29 | 0.70 |
| **All** | **4.18** | **5.99** | **0.72** |