

Table S1: Error matrix (pixel count)

| a | Normal Bayes Classifier | | | | | | | |
|--------------------------|-------------------------|----|----|----|-----|-----|----|-------|
| | Actual classification | | | | | | | Total |
| Predicted classification | Land cover | LH | C | TG | MH | TSh | W | |
| | LH | 51 | | | | 10 | | 61 |
| | C | 3 | 54 | 1 | 10 | 1 | | 69 |
| | TG | | 1 | 74 | | 18 | | 93 |
| | MH | 1 | 5 | | 84 | 3 | | 93 |
| | TSh | 5 | | 5 | 1 | 120 | 1 | 132 |
| | W | | | | 5 | | 29 | 34 |
| Total | | 60 | 60 | 80 | 100 | 152 | 30 | 482 |

| b | Random Forest | | | | | | | |
|--------------------------|-----------------------|----|----|----|-----|-----|----|-------|
| | Actual classification | | | | | | | Total |
| Predicted classification | Land cover | LH | C | TG | MH | TSh | W | |
| | LH | 53 | | 1 | | 26 | | 80 |
| | C | | 55 | 8 | 12 | 1 | | 76 |
| | TG | | 3 | 64 | 3 | 19 | | 89 |
| | MH | 2 | 2 | 3 | 80 | 7 | 6 | 100 |
| | TSh | 5 | | 4 | 2 | 98 | | 109 |
| | W | | | | 3 | 1 | 24 | 28 |
| Total | | 60 | 60 | 80 | 100 | 152 | 30 | 482 |

| | Support Vector Machines | | | | | | | |
|--------------------------|-------------------------|----|----|----|-----|-----|----|-------|
| | Actual classification | | | | | | | Total |
| Predicted classification | Land cover | LH | C | TG | MH | TSh | W | |
| | LH | 49 | | | | 22 | | 71 |
| | C | 2 | 54 | 1 | 16 | | | 73 |
| | TG | | | 69 | | 9 | | 78 |
| | MH | 1 | 6 | 1 | 78 | 6 | | 92 |
| | TSh | 8 | | 8 | 1 | 114 | 1 | 132 |
| | W | | | 1 | 5 | 1 | 29 | 36 |
| Total | | 60 | 60 | 80 | 100 | 152 | 30 | 482 |