

| Model ² | Land use and sample size | | | | | | | | Overall |
|----------------------|--------------------------|-----------------------------|--------------------|-------------------|------------------|------------------|-------------------|-----------------|---------|
| | Paddy | Dry land and irrigated land | Orchard and garden | Forest | Shrub-land | Grassland | Construction land | Bare land | |
| | 82 ³ | 1048 ³ | 436 ³ | 1288 ³ | 574 ³ | 684 ³ | 323 ³ | 32 ³ | 4467 |
| I | 0.1 | 513.5 | 181.5 | 25.6 | 46.6 | 19.8 | 1.4 | 4623.1 | 187.8 |
| II | 0.0 | 518.5 | 181.4 | 25.5 | 46.7 | 19.5 | 1.4 | 4283.3 | 186.5 |
| III | 0.1 | 461.7 | 175.8 | 24.3 | 38.7 | 17.2 | 1.4 | 3854.5 | 167.8 |
| IV | 0.0 | 458.7 | 164.3 | 24.5 | 40.2 | 15.6 | 1.3 | 4381.3 | 169.8 |
| V | 0.1 | 424.3 | 148.2 | 24.5 | 41.1 | 15.2 | 1.1 | 3033.0 | 150.5 |
| VI | 0.1 | 464.0 | 175.9 | 24.1 | 37.8 | 16.6 | 1.4 | 3495.1 | 165.5 |
| VII (1 : 10 000 map) | 0.0 | 331.7 | 140.8 | 24.1 | 28.5 | 10.3 | 0.9 | 143.1 | 104.8 |
| VII (30 m DEM) | 0.2 | 1155.8 | 309.1 | 94.2 | 510.3 | 331.6 | 1.3 | 12 319.3 | 533.2 |
| VII (90 m DEM) | 0.1 | 1309.4 | 239.5 | 81.0 | 317.1 | 227.0 | 1.5 | 15 341.0 | 539.4 |

¹ Since Fig. 6 showed no obvious systematic bias for four main land uses, we did not list the bias separately in this table. ² Model I estimates *A* with the land use as the auxiliary information; Model II estimates with land use and the *R* factor as auxiliary information; Model III estimates with land use and the *K* factor as auxiliary information; Model IV estimates with land use and the *L* factor as auxiliary information; Model V estimates with land use and the *S* factor as auxiliary information; Model VI estimates with land use and *R* and *K* factors as auxiliary information; Model VII (1 : 10 000 map) estimates with land use and *R*, *K*, *L*, and *S* factors as auxiliary information and derives the *L* factor and *S* factor from 1 : 10 000 topography maps for the PSUs; Model VII (30 m DEM) estimates with land use and *R*, *K*, *L*, and *S* factors as auxiliary information and derives the *L* factor and *S* factor from 30 m SRTM DEM data for the PSUs; Model VII (90 m DEM) estimates with land use and *R*, *K*, *L*, and *S* factors as auxiliary information and derives the *L* and *S* factor from 90 m SRTM DEM data for the PSUs. ³ Sample size for each land use.