

Model <sup>2</sup>	Land use and sample size								Overall
	Paddy	Dry land and irrigated land	Orchard and garden	Forest	Shrub-land	Grassland	Construction land	Bare land	
	82 <sup>3</sup>	1048 <sup>3</sup>	436 <sup>3</sup>	1288 <sup>3</sup>	574 <sup>3</sup>	684 <sup>3</sup>	323 <sup>3</sup>	32 <sup>3</sup>	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

<sup>1</sup> Since Fig. 6 showed no obvious systematic bias for four main land uses, we did not list the bias separately in this table. <sup>2</sup> 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. <sup>3</sup> Sample size for each land use.