

	Original	Predicted	MergeLevels	GLADmerge
SSQ distance	47.38	3.73	4.65	7.48
MAD	0.104	0.015	0.004	0.005
Accuracy	0.93	0.92	0.99	0.98
Proportion of discordant pairs		0.62	0.03	0.04

**Table S 1. Median of each performance measures for original  $\log_2$  ratios, GLAD predicted  $\log_2$  ratios, GLAD predicted  $\log_2$  ratios merged by MergeLevels or by GLADmerge. Medians are based on 500 simulated samples.**

	Original	Predicted	MergeLevels	GLADmerge
SSQ distance	47.38	1.87	3.52	6.34
MAD	0.104	0.012	0.004	0.005
Accuracy	0.93	0.92	0.99	0.98
Proportion of discordant pairs		0.73	0.02	0.03

**Table S 2. Median of each performance measures for original  $\log_2$  ratios, DNACopy predicted  $\log_2$  ratios, merged by MergeLevels or GLADmerge. Medians are based on 500 simulated samples.**