## SUPPLEMENTARY NOTES

for

Determining the distance to monotonicity of a biological network: a graph-theoretical approach

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## 1 Performances of Algorithm 4

Table 1: Comparison between  $\delta_{low}$  obtained by Algorithm 4 and  $\delta_{low}$  obtained by the simple procedure of iteratively deleting the shortest negative cycles.

	$\delta_{low}$ (short cycle deletion)	$\delta_{low}$ (Algorithm 4)
EGFR	176	186
macrophage	288	302
yeast	40	41
E. coli	336	365

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