



Figure S4. Effect on the magnitude of LTP and concurrent heterosynaptic LTD when changing the ratio of initial A_p / A_d in the compartmental granule cell model. Results for ratios 1 : 1 and 3 : 1. Other values: $t_p = 20\text{ms}$, $t_d = 70\text{ ms}$, noise 0.05, 60% of tetanized medial synapses. Ratio 3 : 1 was used for the results in the main text.