$O_{01}(z)$, $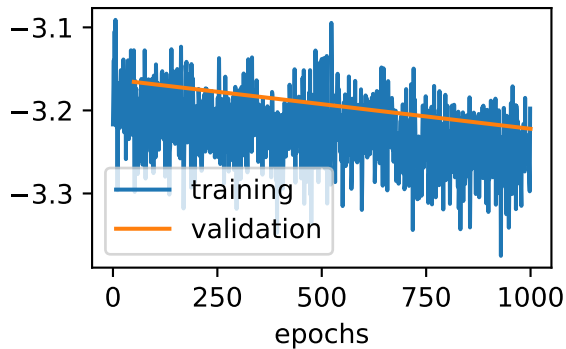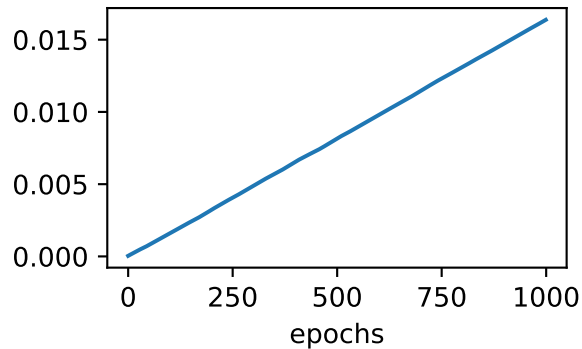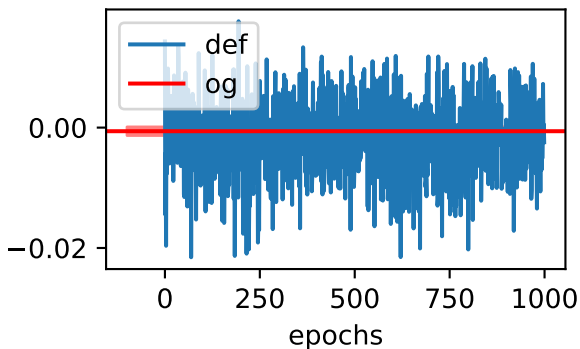\beta = 4.5$