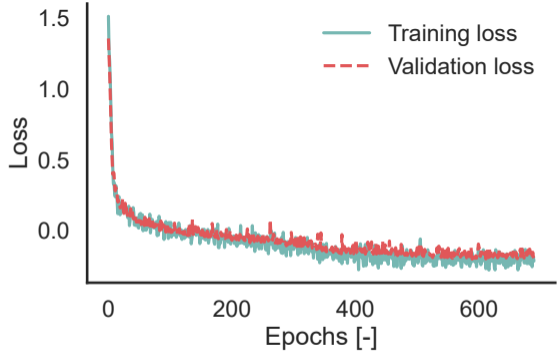


(a) $N_{train} = 500$



(b) $N_{train} = 4500$