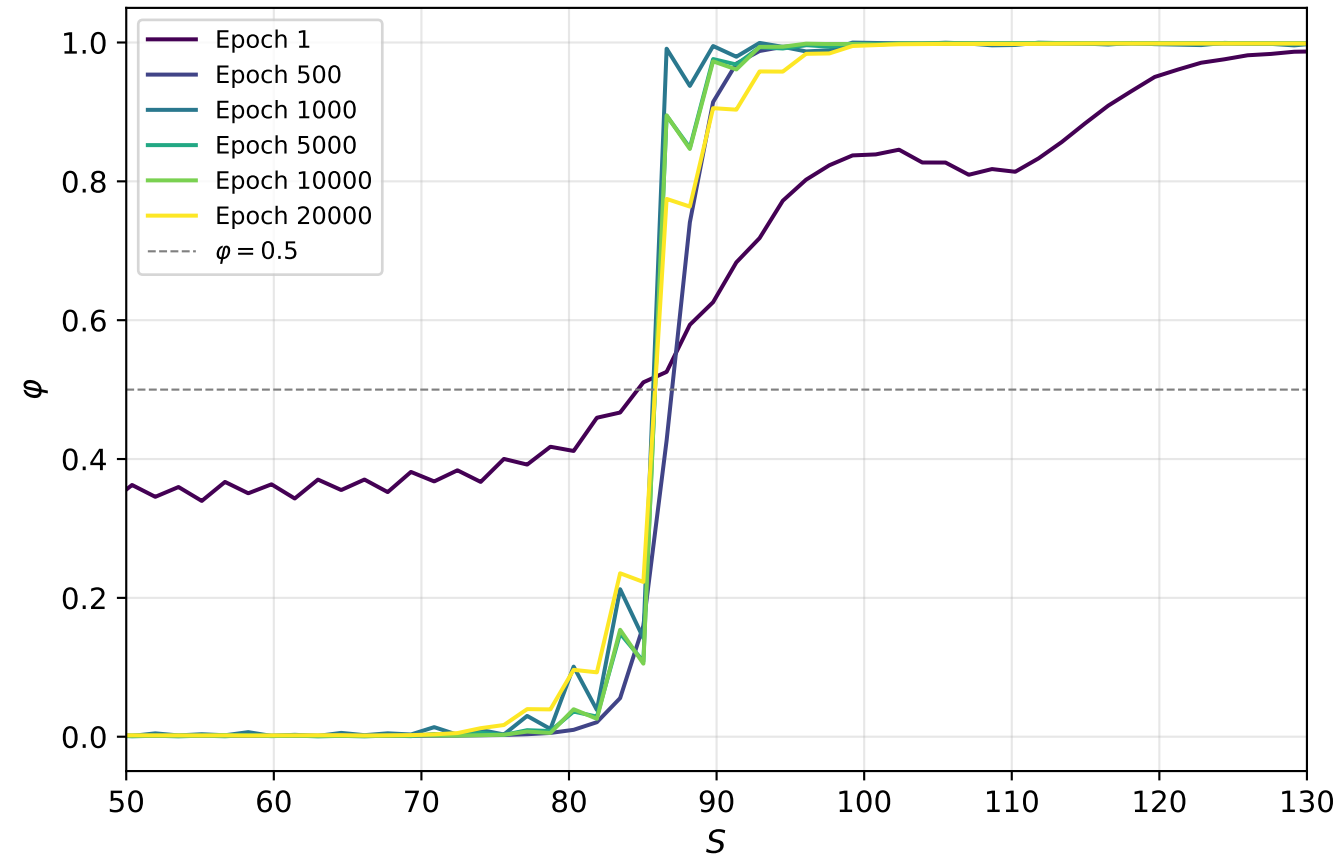


$\varphi(S)$  profiles at  $t = 0.51$ Distribution of  $\varphi$  during training