Learning algorithm. Note that Lo(h) = 12

Let us calculate the estimate Lv (h). Assume that the parity of s

Fix some fold [Miss] CS we distinguish between two as as.

The parity of S [m] is 1. It follows that you when being trained using S [m] stee algorithm outputs the constant predictor h [M]

The parity of S [m] is 0. It follows that you when being trained using S [m] the algorithm outputs the constant predictor h [M]

The parity of S [m] is 0. It follows that you when being predictor h [m] algorithm outputs the constant predictor h [m] of S [m] the algorithm outputs the constant fold is 1

Ln(h) { Lv(h) + \(\frac{1}{2\pi m} \) \(\frac{1}{5} \) \(\frac{1}{5} \) \(\frac{1}{2\pi m} \) \(\frac{1}{5} \) (Lolhr) + 2 Jean 109 4K (Lolhr) + 2 Jan by 41c 2 Lp(hr) + /2 10) 4/6 In particular, with probability of least 1 & we have Ln(h) < Ln(h) + \ \frac{2}{am by 4le} Using similar aryunants, me obtain that without probability at least 1 - 8 2 2 (h) + \(\frac{2}{1-\alpha} \) \(\frac{1}{5} \) a tolk by Sy Lo(h) { Lo(h") + | 2 + | 2 + | 1-a)m 10 4 1 MJ | 20(h) < Lph + 2m 10, 4k = + 2 (1-x)m (1-10) 4)