

VC dimension of ReLU networks

SORRY: I will not have time to type up this lecture.

Here is a summary.

1. We proved Theorem 7.1 and Lemma 7.2 from Anthony-Bartlett.
2. We gave a variant of the proof of Theorem 8.8 in Anthony-Bartlett.
3. Some attention was paid to Theorem 8.3, where it was important for the predictors to be polynomials *in the parameters* when holding the inputs fixed.

References