

$$\sum_{n=1}^N \left(y_n^2 - 2y_n h(x_n) + h^2(x_n) \right) = \sum_{n=1}^N y_n^2 - 2 \sum_{n=1}^N y_n h(x_n) + \sum_{n=1}^N h^2(x_n) = N(RMSE(h(x)=0))^2 - 2 \sum_{n=1}^N y_n h(x_n) + \sum_{n=1}^N h^2(x_n)$$