$$E[(Y_{0}-f(X_{0}))^{2}] = E[((Y_{0}-Y)-(f(X_{0})-Y))^{2}]$$

$$= E[(Y_{0}-Y)^{2}-2(Y_{0}-Y)(f(X_{0})-Y)+(f(X_{0})-Y)^{2}]$$

$$= E[(Y_{0}-Y)^{2}]-E[2(Y_{0}-Y)(f(X_{0})-Y)]+E[(f(X_{0})-Y)^{2}]$$

$$= Var(Y_{0})+Var(f(X_{0}))-2E[(Y_{0}-Y)(f(X_{0})-Y)]$$
Traducible
Sampling
Term
Bias???

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