

$$C(\textcolor{blue}{P}) = \sup_{F(x): E \kappa(X) \leq \textcolor{blue}{P}} I(X; Y)$$

$$C(\textcolor{blue}{P} - \textcolor{blue}{\gamma}) = \sup_{F(x): E \kappa(X) \leq \textcolor{blue}{P} - \textcolor{blue}{\gamma}} I(X; Y)$$