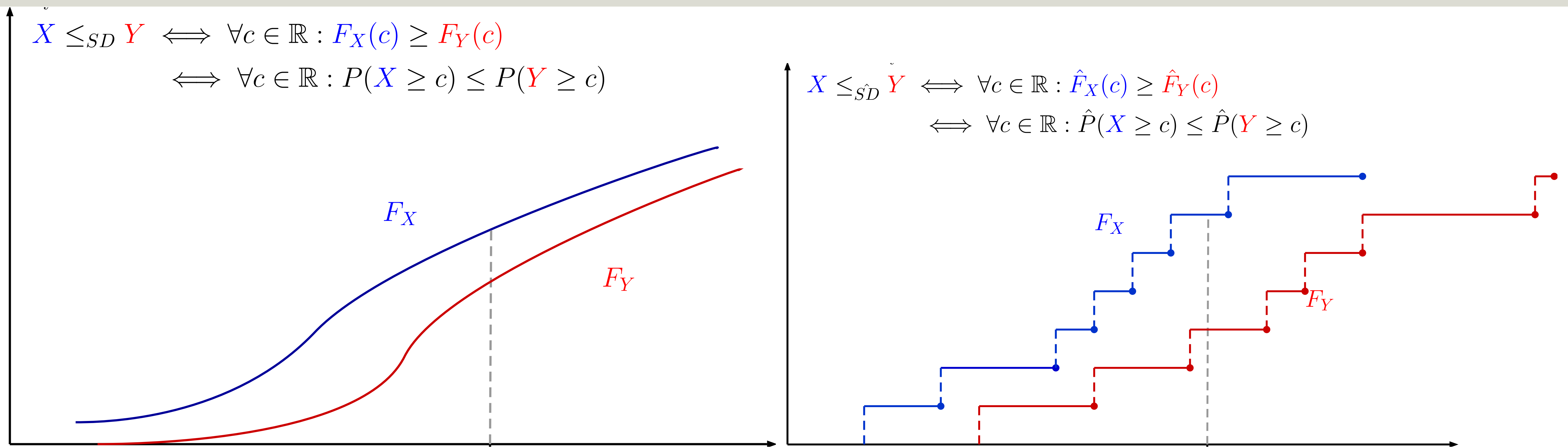
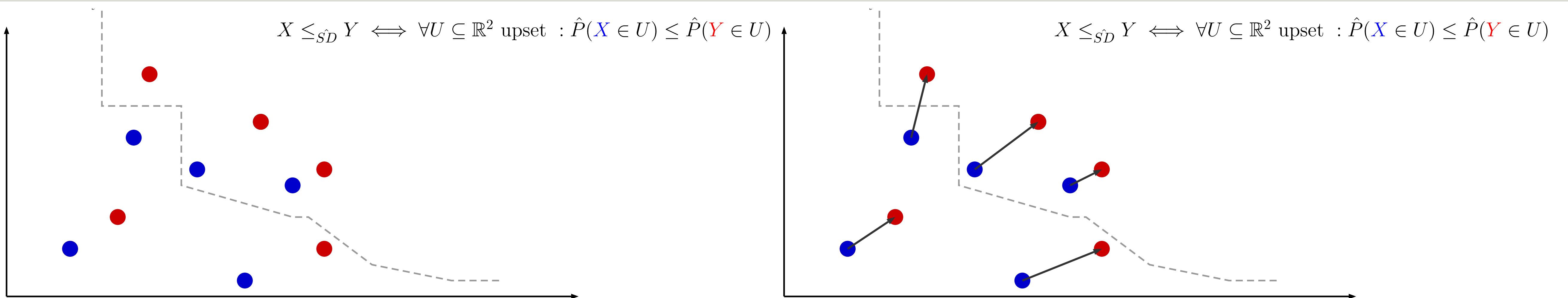


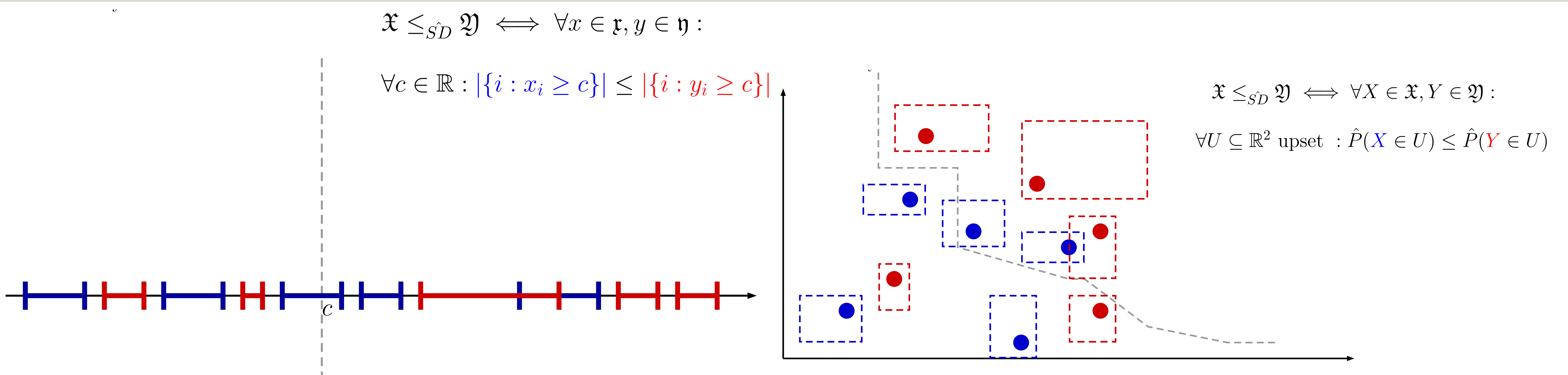
First order stochastic dominance for \mathbb{R} -valued random variables/samples



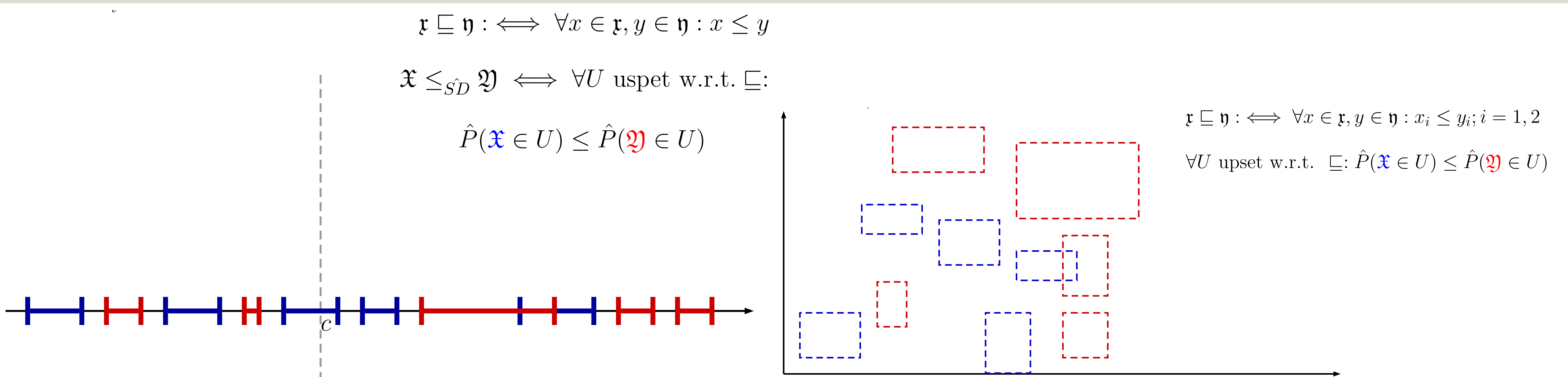
First order stochastic dominance for \mathbb{R}^2 -valued random variables/samples



First order stochastic dominance under the epistemic view on data imprecision



First order stochastic dominance under the ontic view on data imprecision



Theorem

$X \leq_{sD} Y$ under the epistemic view if and only if $X \leq_{SD} Y$ under the ontic view.