

## Markov-inequality<sup>11,40</sup>

$\forall p:\text{FinProbSpace}, n:\mathbb{N}, X:\text{RandomVariable}(p;n).$

$0 \leq X \Rightarrow (\forall e:\mathbb{Q}. 0 < e \Rightarrow \mathbb{E}(n;e \leq X) \leq (\mathbb{E}(n;X)/e))$