

# Discrete vs. Continuous

Discrete R.V.	Continuous R.V.
Number of heads in n coin tosses	A number from the interval $[a,b]$ where $a,b \in \mathbb{R}$
Year of birth of all students in this class	Exact weight of all students in this class
Number of phone calls per minute at a telephone exchange	Time between successive phone calls at a telephone exchange
Winning time of Olympic 100m races <u>rounded to the nearest <math>100^{\text{th}}</math> of a second.</u>	<u>Exact</u> winning time of Olympic 100m races