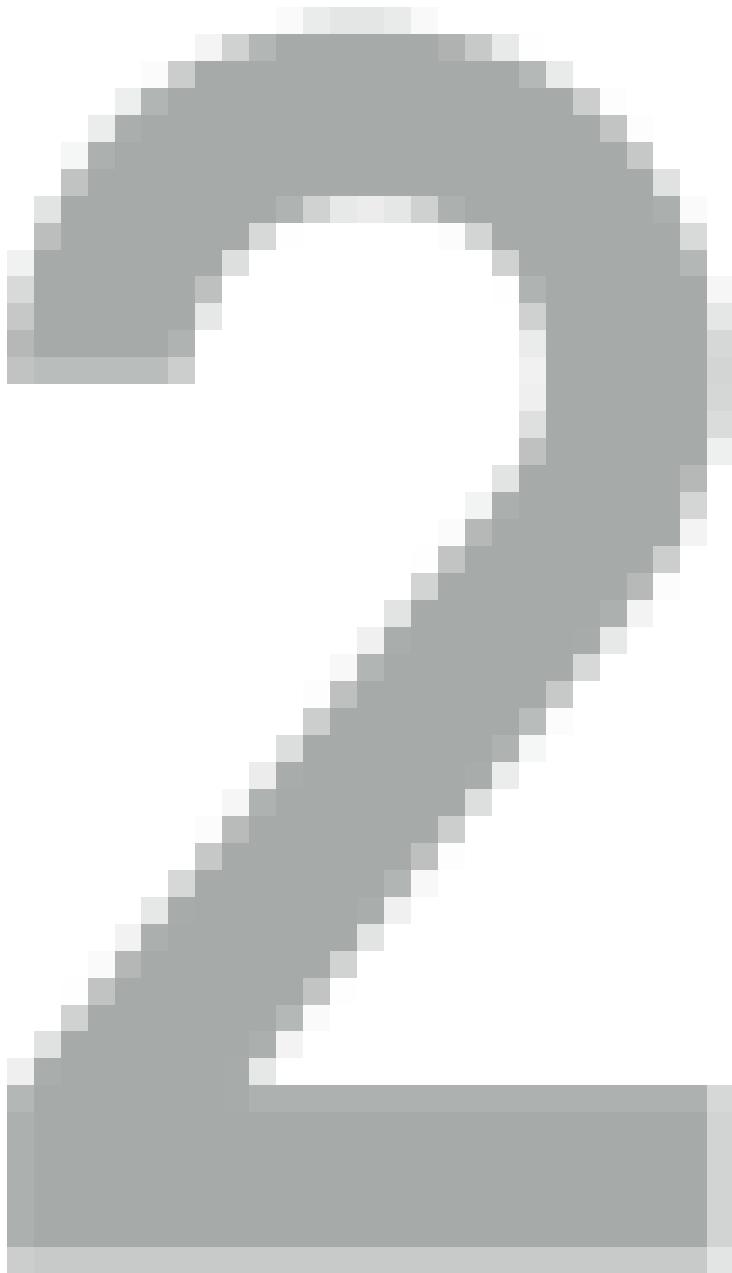


GOALS

FOR
IT
DOING

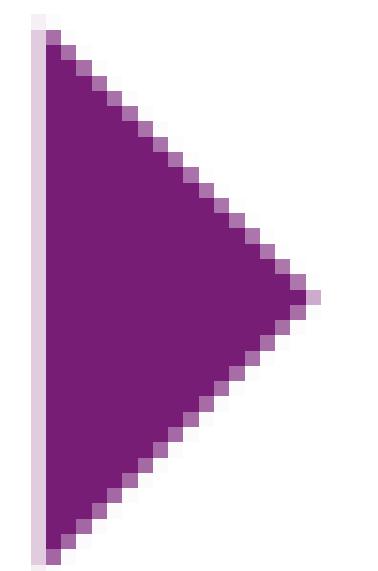




Statistical distributions, distributions, distributions

► Provide multiple views and equivalent material

View properties and be inspired by the reviews of Markon!



Adapt
Adapt
Adapt
Adapt
Adapt
Adapt













GOAL FOR TODAY

2

- ▶ Provide the mathematical language for discussing sampling algorithms
- ▶ Formally introduce distributions, statistics, Markov Kernels, etc
- ▶ Provide multiple equivalent views to think about Markov kernels
 - ▶ Probabilistic
 - ▶ Algorithmic
 - ▶ Algebraic
 - ▶ Markov chains
- ▶ Overview of the properties of Markov kernels and chains
 - ▶ Fundamental concepts
 - ▶ Convergence
- ▶ Fundamental recipe of MCMC

PROBABILITY DISTRIBUTIONS