

# Markov Chain Monte Carlo

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## Table of contents

<b>1</b>	<b>General objective</b>	<b>1</b>
<b>2</b>	<b>Key Concepts</b>	<b>1</b>
<b>3</b>	<b>Activities</b>	<b>2</b>
<b>4</b>	<b>Readings</b>	<b>2</b>
4.1	Basic readings . . . . .	2
4.2	Should read . . . . .	2

## 1 General objective

- In this section, we will review:
  - the Markov Chain Monte Carlo

## 2 Key Concepts

- Sampling
- Markov Chain Monte Carlo

### 3 Activities

- Review:

Chapter 7: Markov Chain Monte Carlo [@hobbs2015] Chapter 7: Markov Chain Monte Carlo  
[@kruscke2015]

### 4 Readings

#### 4.1 Basic readings

- **Chapter 5** [@hobbs2015]
- **Chapter 5** [@kruscke2015]

#### 4.2 Should read

- **Ellison. 2004.** Bayesian inference in ecology. Ecology Letters. 7: 509–520 doi:  
10.1111/j.1461-0248.2004.00603.x