贝叶斯小组

成员：陈颖佳，池帅帅，丁文群，丁彦霞，王睿，张佳，宣传静，王雨蓓，梁勇

电子书原件及Word文档总结在各自文件夹

陈颖佳：

《贝叶斯思维：统计建模的Python学习法》高清中文版PDF

Bayesian Data Analysis, Third Edition (C - Gelman, Andrew PDF

贝叶斯统计-茆诗松 PDF

Bayesian Biostatistics-Wiley (2012) PDF

Probabilistic finite element model updating using Bayesian statistics \_ applications to aeronautical and mechanical engineering PDF

Mathematical theory of Bayesian statistics-CRC Press (2018) PDF

推荐哈佛上的AM207课程：高级科学计算（随机优化方法，用于推理和数据分析的蒙特卡罗方法），是在线课程深入研究机器学习的贝叶斯统计。

课程网址为<https://am207.info>；

课堂资源、笔记的网址为：<https://github.com/am207/2018fall>

池帅帅：

A Guide to Construction and Analysis-Springer New York (2008) PDF

Applied Bayesian Modelling-Wiley (2003)PDF

Bayesian Essentials with R-Springer-Verlag New York (2014) PDF

Bayesian Inference and Maximum Entropy Methods in Science PDF

Bayesian methods \_ a social and behavioral sciences approach (2008, CRC Press) PDF

<https://blog.csdn.net/sinat_30353259/article/details/80932111>

<https://blog.csdn.net/qq_34993631/article/details/79176274>

<https://blog.csdn.net/shb_derek1/article/details/76907066>

<https://blog.csdn.net/springyh/article/details/79525301>

<https://blog.csdn.net/R1uNW1W/article/details/79126170>

有一份总结在文件夹

丁文群：

电子书： BayesStat PDF

Applied Bayesian Statistics\_ With R and OpenBUGS Examples-Springer-Verlag New York (2013)

Bayesian Analysis for Population Ecology-CRC Press (2010)

Bayesian Filtering and Smoothing-Cambridge University Press (2013)

Bayesian Networks for Probabilistic Inference and Decision Analysis in Forensic Science-Wiley

Bayesian Nonparametric Data Analysis-Springer International Publishing (2015)

Introduction to Bayesian Statistics-Wiley (2016)

视频： <https://www.coursera.org/learn/bayesian/home/welcome>

Coursera上的课程还不错，而且只有英文字幕

<https://www.zhihu.com/question/21134457>

<https://blog.csdn.net/jackxu8/article/details/70332331>

丁彦霞：

帖子：<https://www.sohu.com/a/210850749_747155>

<https://www.cnblogs.com/zhoulujun/p/8893393.html>

[贝叶斯公式由浅入深大讲解—AI基础算法入门](https://www.cnblogs.com/zhoulujun/p/8893393.html)

有一份总结在文件夹

电子书：Applied Bayesian Statistics\_ With R and OpenBUGS Examples-Springer (2013)

Bayesian Inference for Partially Identified Models\_ Exploring the Limits of Limited Data

Bayesian Statistical Modelling, Second Edition (2006)

Bayesian Statistics from Methods to Models

Bayesian Theory and Methods with Applications-Atlantis Press (2011)

王睿：

电子书：Basic and Advanced Bayesian Structural Equation Modeling\_ With Applications in the Medical and Behavioral Sciences

Clinical Trial Design\_ Bayesian and Frequentist Adaptive Methods (2012)

Introduction to Bayesian statistics-Wiley (2016)

Introduction to Hierarchical Bayesian Modeling for Ecological Data

Mathematical Theory of Bayesian Statistics-Chapman and Hall\_CRC (2018)

视频：blibli上，一小时理解Bayes统计

UP:yansicing <http://www.bilibili.com/video/av32319501?share_medium=android&share_source=more&bbid=XZA038CABFD8358100F85DED3833606E67215&ts=1558272612995>

张佳：

电子书：Bayesian Statistics in Action\_ BAYSM 2016

R Tutorial with Bayesian Statistics Using OpenBUGS (2013)

Data Analysis in Forensic Science\_ A Bayesian Decision Perspective (Statistics in Pr

Modern Bayesian Statistics in Clinical Research-Springer International Publishing (2018)

Mathematical theory of Bayesian statistics (2018, CRC Press)

<https://www.bilibili.com/video/av51894499?from=search&seid=1258277168265494924>

机器学习经典算法（2）——贝叶斯算法 B站视频

<https://www.bilibili.com/video/av26088690/?p=5>

<https://space.bilibili.com/272066801/channel/index>

<https://space.bilibili.com/272066801/channel/detail?cid=45097>

<https://space.bilibili.com/272066801/channel/detail?cid=45098>

<https://space.bilibili.com/272066801/channel/detail?cid=45099>

王雨蓓：

一份Word文档总结在个人文件夹

<https://article.itxueyuan.com/rK9>

<https://blog.csdn.net/huguozhiengr/article/details/81777577>

<https://max.book118.com/html/2017/0910/133004765.shtm>

斯坦福大学公开课：机器学习课程

<http://open.163.com/special/opencourse/machinelearning.html>

电子书：Bayesian statistical modelling-John Wiley & Sons (2006)

Computational Bayesian statistics \_ an introduction (2019, Cambridge University Press)

Introduction to Applied Bayesian Statistics and Estimation for Social Scientists-Springer (2007)

Prior Processes and Their Applications\_ Nonparametric Bayesian Estimation-Springer (2016)

The Bayesian choice\_ from decision-theoretic foundations to computational implementation-Springer (2007)

The Contribution of Young Researchers to Bayesian

梁勇：

整理资料，制作PPT汇报。

电子书：Bayesian Methods in Structural Bioinformatics-Springer

Bayesian statistics-Springer International Publishing \_ Springer (2016)

Computational Bayesian statistics \_ an introduction-Cambridge University Press

Nonparametric Bayesian Estimation-Springer International Publishing (2016)

Bayesian Model Selection and Statistical Modeling Chapman and Hall\_CRC (2010)

Using Bayesian Belief Networks to Solve Complex Problems-Springer-Verlag New York (2013)