# The JASP Data Library

The JASP Team

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# Table of contents

Pr	eface							
	Copy	$\operatorname{yright}$						
1	Desc	criptives 7						
	1.1	Sleep						
2	T-Tests							
	2.1	Directed Reading Activities						
	2.2	Eye Movements						
	2.3	Invisibility Cloak						
	2.4	Kitchen Rolls						
	2.5	Moon and Aggression						
	2.6	Stereograms						
	2.7	Weight Gain						
3	ANC	OVA 9						
	3.1	Alcohol Attitudes						
	3.2	Beer Goggles						
	3.3	Bugs						
	3.4	Bush Tucker Food						
	3.5	Erotic Pictures and Love						
	3.6	Facebook Friends						
	3.7	Heart Rate						
	3.8	Looks or Personality						
	3.9	Pain Thresholds						
	3.10	Response to Eye Color						
	3.11	Singers						
	3.12	Stroop						
	3.13	Tooth Growth						
	3.14	Viagra						
4	Regression 11							
	4.1	Adam Sandler						
	4.2	Album Sales						
	4.3	Auction						
	1.1	Big Five Personality Traits						

	4.5	College Success	11
	4.6	Exam Anxiety	11
	4.7	Fidgeting and Fat Gain	12
	4.8	Glasgow Norms	12
	4.9	Physical Activity and BMI	12
	4.10	Presidents' Height	12
		The Biggest Liar	12
		Titanic	12
		Turbines	12
	4.14	World Happiness	12
5	Freq	uencies	13
	5.1	Dancing Cats and Dogs	13
	5.2	Dancing Cats	13
	5.3	Death Penalty	13
	5.4	Emily Rosa	13
	5.5	Health Habits	13
	5.6	Hungry Zombies	13
	5.7	Listerism	14
	5.8	Memory of Life Stresses	14
	5.9	MOOC Bias	14
	5.10	Sun Block Lotions	14
6	Fact	or	15
	6.1	G Factor	15
	6.2	Mental Ability	15
7	Aud	•	16
•	7.1		16
	•		
8	Bain		17
	8.1		17
	8.2	bainAnova	17
	8.3	bainIndependentSamples	17
	8.4	bainOneSample	17
	8.5	bainPairedSamples	17
	8.6	bainRegression	17
	8.7	bainSem	17
9	Disc	over Distributions	18
	9.1	Normal distribution	18
10	Mac	nine Learning	19
		iris	19

	10.3	2 penguins	 	19
		$\delta$ studentGrades		
		b telcoCustomerChurn		
		wine		
11		ta-Analysis		20
		BCG Vaccine	 	
12		work Analysis BFI Network	 	<b>21</b> 21
13		iability		22
		ASRM - Mania Scale		
		Prear of Statistics		
	13.3	3 Interrater Data from Shrout and Fleiss (1979)	 	22
14	SEM	М		23
	14.1	Grand Point Average	 	23
	14.2	Political Democracy	 	23
	14.3	Social Participation	 	23
15	Prop			24
15		phet JASP Webpage Visits	 	
	15.1		 	
	15.1	JASP Webpage Visits		24 <b>25</b>
16	15.1 Circu 16.1	JASP Webpage Visits		24 <b>25</b>
16	15.1  Circu 16.1  Mixe	JASP Webpage Visits	 	24 25 25 26
16 17	15.1  Circu 16.1  Mixe 17.1  Misc	JASP Webpage Visits	 	24 25 25 26 26 27
16 17	15.1  Circu 16.1  Mixe 17.1  Misc	JASP Webpage Visits  cular Statistics  El Nino  ded Models  Larks and Owls	 	24 25 25 26 26 27
16 17	15.1  Circu 16.1  Mixe 17.1  Misc 18.1 18.2	JASP Webpage Visits  cular Statistics El Nino  ced Models Larks and Owls  cellaneous Anscombe's Quartet  Missing Data	 	24 25 25 26 26 27 27
16 17	15.1  Circu 16.1  Mixe 17.1  Misc 18.1 18.2 18.3	JASP Webpage Visits  cular Statistics  El Nino  ded Models  Larks and Owls  cellaneous  Anscombe's Quartet  Missing Data  The Datasaurus Dozen (Long)	 	24 25 26 26 27 27 27
16 17	15.1  Circu 16.1  Mixe 17.1  Misc 18.1 18.2 18.3	JASP Webpage Visits  cular Statistics El Nino  ced Models Larks and Owls  cellaneous Anscombe's Quartet  Missing Data	 	24 25 26 26 27 27 27
16 17 18	15.1  Circu 16.1  Mixe 17.1  Misc 18.1 18.2 18.3	JASP Webpage Visits  cular Statistics El Nino  ded Models Larks and Owls  cellaneous Anscombe's Quartet  Missing Data B The Datasaurus Dozen (Long) The Datasaurus Dozen (Wide)	 	24 25 26 26 27 27 27
16 17 18	15.1 Circu 16.1 Mixe 17.1 Misc 18.1 18.2 18.3 18.4 Book	JASP Webpage Visits  cular Statistics El Nino  ded Models Larks and Owls  cellaneous Anscombe's Quartet  Missing Data The Datasaurus Dozen (Long) The Datasaurus Dozen (Wide)  oks Field - Discovering Statistics		24 25 26 26 27 27 27 27 27 28 28
16 17 18	15.1 Circu 16.1 Mixe 17.1 Misc 18.1 18.2 18.3 18.4 Book	JASP Webpage Visits  cular Statistics  El Nino  ded Models  Larks and Owls  cellaneous  Anscombe's Quartet  Missing Data  The Datasaurus Dozen (Long)  The Datasaurus Dozen (Wide)  bks  Field - Discovering Statistics  19.1.1 Fear of Statistics		24 25 25 26 26 27 27 27 27 27 28 28 28
16 17 18	15.1 Circu 16.1 Mixe 17.1 Misc 18.1 18.2 18.3 18.4 Book	Larks and Owls  Cellaneous  Anscombe's Quartet  Missing Data  The Datasaurus Dozen (Long)  The Datasaurus Dozen (Wide)  Piston  Piston		24 25 25 26 26 27 27 27 27 27 28 28 28 28
16 17 18	15.1 Circu 16.1 Mixe 17.1 Misc 18.1 18.2 18.3 18.4 Book	JASP Webpage Visits  cular Statistics  El Nino  ded Models  Larks and Owls  cellaneous  Anscombe's Quartet  Missing Data  The Datasaurus Dozen (Long)  The Datasaurus Dozen (Wide)  bks  Field - Discovering Statistics  19.1.1 Fear of Statistics		24  25 26 26 27 27 27 27 27 28 28 28 28 28

	19.1.5 Bush Tucker Food	28
	19.1.6 Looks or Personality	28
	19.1.7 Viagra	28
	19.1.8 Album Sales	29
	19.1.9 Exam Anxiety	29
	19.1.10 The Biggest Liar	29
	19.1.11 Dancing Cats	29
	19.1.12 Dancing Cats and Dogs	29
19.2	Moore, McCabe, & Craig - Introduction to the Practice of Statistics	29
	19.2.1 Directed Reading Activities	29
	19.2.2 Moon and Aggression	29
	19.2.3 Weight Gain	29
	19.2.4 Facebook Friends	30
	19.2.5 Heart Rate	30
	19.2.6 Response to Eye Color	30
	19.2.7 College Success	30
	19.2.8 Fidgeting and Fat Gain	30
	19.2.9 Physical Activity and BMI	30
	19.2.10 Health Habits	30

# **Preface**

This is the documentation for the examples contained in the JASP Data Library. The data sets are available in .jasp, html, and .csv format. This documentation will grow over time, and therefore we have added an edition number to the book title.

The example data sets come from various sources. For educational purposes we have included the material from two popular statistical textbooks, Field (2017) and Moore et al. (2012). This means it is now easy for teachers and students to use JASP and analyze the classic 'Looks or Personality' example from Andy Field, or the 'College Success' example from Moore, McCaib, and Craig. We also added the original example data sets that JASP users may be familiar with (ever wonder what the 'Kitchen Rolls' data set was all about?). A number of publicly available data sets have been added as well.

### Copyright

Most data sets contained in the JASP Data Library are already publicly available because they have been presented in academic articles and books. The legal consensus is that such data are facts and therefore do not fall under copyright protection. An exception concerns data that have not been collected but constructed in order to serve an educational purpose, as is the case for most data sets from Andy Field's popular course books. For these data sets, the source is acknowledged as follows:

This data set comes from Field, A. P. (2017). Discovering Statistics Using IBM SPSS Statistics (5th ed.). London: Sage. The data set was constructed by Andy Field who therefore owns the copyright. Andy Field generously agreed that we can include the data set in the JASP data library. This data set is also publicly available on the website that accompanies Andy Field's book: https://edge.sag epub.com/field5e. Without Andy Field's explicit consent, this data set may not be distributed for commercial purposes, this data set may not be edited, and this data set may not be presented without acknowledging its source (i.e., the terms of a CC BY-NC-ND license; https://creativecommons.org/licenses/by-nc-nd/3.0/).

6

# 1 Descriptives

# 1.1 Sleep

# 2 T-Tests

### 2.1 Directed Reading Activities

```
| .jasp | | .html | | .csv |
```

### 2.2 Eye Movements

```
| .jasp | | .html | | .csv |
```

# 2.3 Invisibility Cloak

```
| .jasp | | .html | | .csv |
```

### 2.4 Kitchen Rolls

```
| .jasp | | .html | | .csv |
```

# 2.5 Moon and Aggression

```
| .jasp | | .html | | .csv |
```

### 2.6 Stereograms

```
| .jasp | | .html | | .csv |
```

# 2.7 Weight Gain

```
|\ .jasp\ |\ |\ .html\ |\ |\ .csv\ |
```

# 3 ANOVA

### 3.1 Alcohol Attitudes

```
| .jasp | | .html | | .csv |
```

# 3.2 Beer Goggles

```
| .jasp | | .html | | .csv |
```

## 3.3 Bugs

```
| .jasp | | .html | | .csv |
```

### 3.4 Bush Tucker Food

```
| .jasp | | .html | | .csv |
```

### 3.5 Erotic Pictures and Love

```
| .jasp | | .html | | .csv |
```

### 3.6 Facebook Friends

```
| .jasp | | .html | | .csv |
```

### 3.7 Heart Rate

```
| .jasp | | .html | | .csv |
```

# 3.8 Looks or Personality

```
| .jasp | | .html | | .csv |
```

## 3.9 Pain Thresholds

```
| .jasp | | .html | | .csv |
```

# 3.10 Response to Eye Color

```
| .jasp | | .html | | .csv |
```

## 3.11 Singers

```
| .jasp | | .html | | .csv |
```

# 3.12 Stroop

```
| .jasp | | .html | | .csv |
```

### 3.13 Tooth Growth

```
| .jasp | | .html | | .csv |
```

# 3.14 Viagra

```
| .jasp | | .html | | .csv |
```

# 4 Regression

### 4.1 Adam Sandler

```
| .jasp | | .html | | .csv |
```

# 4.2 Album Sales

```
| .jasp | | .html | | .csv |
```

## 4.3 Auction

```
| .jasp | | .html | | .csv |
```

### 4.4 Big Five Personality Traits

```
| .jasp | | .html | | .csv |
```

# 4.5 College Success

```
| .jasp | | .html | | .csv |
```

### 4.6 Exam Anxiety

```
| .jasp | | .html | | .csv |
```

# 4.7 Fidgeting and Fat Gain

```
| .jasp | | .html | | .csv |
```

# 4.8 Glasgow Norms

```
| .jasp | | .html | | .csv |
```

# 4.9 Physical Activity and BMI

```
| .jasp | | .html | | .csv |
```

# 4.10 Presidents' Height

```
| .jasp | | .html | | .csv |
```

# 4.11 The Biggest Liar

```
| .jasp | | .html | | .csv |
```

### 4.12 Titanic

```
| .jasp | | .html | | .csv |
```

### 4.13 Turbines

```
| .jasp | | .html | | .csv |
```

# 4.14 World Happiness

```
| .jasp | | .html | | .csv |
```

# **5** Frequencies

# 5.1 Dancing Cats and Dogs

```
| .jasp | | .html | | .csv |
```

# 5.2 Dancing Cats

```
| .jasp | | .html | | .csv |
```

### 5.3 Death Penalty

```
| .jasp | | .html | | .csv |
```

### 5.4 Emily Rosa

```
| .jasp | | .html | | .csv |
```

### 5.5 Health Habits

```
| .jasp | | .html | | .csv |
```

# 5.6 Hungry Zombies

```
| .jasp | | .html | | .csv |
```

# 5.7 Listerism

```
| .jasp | | .html | | .csv |
```

# 5.8 Memory of Life Stresses

```
| .jasp | | .html | | .csv |
```

# 5.9 MOOC Bias

```
| .jasp | | .html | | .csv |
```

## 5.10 Sun Block Lotions

```
| .jasp | | .html | | .csv |
```

# 6 Factor

# 6.1 G Factor

```
| .jasp | | .html | | .csv |
```

# 6.2 Mental Ability

```
|\ .jasp\ |\ |\ .html\ |\ |\ .csv\ |
```

# 7 Audit

# 7.1 sinoForest

```
| .jasp | | .html | | .csv |
```

# 8 Bain

### 8.1 bainAncova

```
| .jasp | | .html | | .csv |
```

### 8.2 bainAnova

```
| .jasp | | .html | | .csv |
```

# 8.3 bainIndependentSamples

```
| .jasp | | .html | | .csv |
```

# 8.4 bainOneSample

```
| .jasp | | .html | | .csv |
```

# 8.5 bainPairedSamples

```
| .jasp | | .html | | .csv |
```

# 8.6 bainRegression

```
| .jasp | | .html | | .csv |
```

### 8.7 bainSem

```
| .jasp | | .html | | .csv |
```

# 9 Discover Distributions

# 9.1 Normal distribution

```
| .jasp | | .html | | .csv |
```

# 10 Machine Learning

### 10.1 iris

```
| .jasp | | .html | | .csv |
```

### 10.2 penguins

```
| .jasp | | .html | | .csv |
```

## 10.3 policeCadetEvaluation

```
| .jasp | | .html | | .csv |
```

# 10.4 spiral

```
| .jasp | | .html | | .csv |
```

### 10.5 studentGrades

```
| .jasp | | .html | | .csv |
```

### 10.6 telcoCustomerChurn

```
| .jasp | | .html | | .csv |
```

### 10.7 wine

```
| .jasp | | .html | | .csv |
```

# 11 Meta-Analysis

# 11.1 BCG Vaccine

# 12 Network Analysis

# 12.1 BFI Network

# 13 Reliability

## 13.1 ASRM - Mania Scale

```
| .jasp | | .html | | .csv |
```

## 13.2 Fear of Statistics

```
| .jasp | | .html | | .csv |
```

# 13.3 Interrater Data from Shrout and Fleiss (1979)

```
| .jasp | | .html | | .csv |
```

# 14 SEM

# 14.1 Grand Point Average

```
| .jasp | | .html | | .csv |
```

# 14.2 Political Democracy

```
| .jasp | | .html | | .csv |
```

# 14.3 Social Participation

```
| .jasp | | .html | | .csv |
```

# 15 Prophet

# 15.1 JASP Webpage Visits

```
| .jasp | | .html | | .csv |
```

# 16 Circular Statistics

# 16.1 El Nino

```
| .jasp | | .html | | .csv |
```

# 17 Mixed Models

# 17.1 Larks and Owls

```
| .jasp | | .html | | .csv |
```

# 18 Miscellaneous

## 18.1 Anscombe's Quartet

```
| .jasp | | .html | | .csv |
```

# 18.2 Missing Data

```
| .jasp | | .html | | .csv |
```

# 18.3 The Datasaurus Dozen (Long)

```
| .jasp | | .html | | .csv |
```

# 18.4 The Datasaurus Dozen (Wide)

```
| .jasp | | .html | | .csv |
```

# 19 Books

## 19.1 Field - Discovering Statistics

#### 19.1.1 Fear of Statistics

```
| .jasp | | .html | | .csv |
```

### 19.1.2 Invisibility Cloak

```
| .jasp | | .html | | .csv |
```

#### 19.1.3 Alcohol Attitudes

```
| .jasp | | .html | | .csv |
```

#### 19.1.4 Beer Goggles

```
| .jasp | | .html | | .csv |
```

### 19.1.5 Bush Tucker Food

```
| .jasp | | .html | | .csv |
```

#### 19.1.6 Looks or Personality

```
| .jasp | | .html | | .csv |
```

### 19.1.7 Viagra

```
| .jasp | | .html | | .csv |
```

#### 19.1.8 Album Sales

```
| .jasp | | .html | | .csv |
```

#### 19.1.9 Exam Anxiety

```
| .jasp | | .html | | .csv |
```

### 19.1.10 The Biggest Liar

```
| .jasp | | .html | | .csv |
```

#### 19.1.11 Dancing Cats

```
| .jasp | | .html | | .csv |
```

#### 19.1.12 Dancing Cats and Dogs

```
| .jasp | | .html | | .csv |
```

# 19.2 Moore, McCabe, & Craig - Introduction to the Practice of Statistics

#### 19.2.1 Directed Reading Activities

```
| .jasp | | .html | | .csv |
```

#### 19.2.2 Moon and Aggression

```
| .jasp | | .html | | .csv |
```

#### 19.2.3 Weight Gain

```
| .jasp | | .html | | .csv |
```

#### 19.2.4 Facebook Friends

```
| .jasp | | .html | | .csv |
```

### 19.2.5 Heart Rate

```
| .jasp | | .html | | .csv |
```

### 19.2.6 Response to Eye Color

```
| .jasp | | .html | | .csv |
```

### 19.2.7 College Success

```
| .jasp | | .html | | .csv |
```

### 19.2.8 Fidgeting and Fat Gain

```
| .jasp | | .html | | .csv |
```

### 19.2.9 Physical Activity and BMI

```
| .jasp | | .html | | .csv |
```

### 19.2.10 Health Habits

```
| .jasp | | .html | | .csv |
```