# The JASP Data Library

The JASP Team

2024-10-28

# Table of contents

Pr	eface	7
	Copy	$v\mathrm{right}$
1	Desc	criptives 8
	1.1	Sleep
2	T-Te	ests 9
	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	DVA 11
	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
		Singers
		Stroop
	3.13	Tooth Growth
		Viagra
4	Regi	ression 14
	4.1	Adam Sandler
	4.2	Album Sales
	4.3	Auction
	1.1	Rig Five Personality Traits

	4.5	College Success	14
	4.6	Exam Anxiety	14
	4.7	Fidgeting and Fat Gain	15
	4.8	Glasgow Norms	15
	4.9	Physical Activity and BMI	15
	4.10	Presidents' Height	15
	4.11	The Biggest Liar	15
	4.12	Titanic	15
			16
	4.14	World Happiness	16
5	Frea	uencies	17
•	5.1		- · 17
	5.2		$^{-1}$
	5.3	<u>o</u>	17
	5.4		17
	5.5	· ·	17
	5.6		18
	5.7		18
	5.8	Memory of Life Stresses	18
	5.9	MOOC Bias	18
	5.10	Pi 100 Digits	18
	5.11	Sun Block Lotions	18
6	Fact	or	19
•	6.1		-9 19
	6.2		$\frac{10}{19}$
7	Audi		20
	7.1	sinoForest	20
8	Bain		21
9	Disc	over Distributions	22
•	9.1		22
10	Mac	hine Learning	23
			23
	10.2	penguins	23
		. 0	23
			23
			23
			23
	10.7	wine	24

11	Meta-Analysis	25
	11.1 Acculturation Mismatch and Intergenerational Cultural Conflict	
	11.2 BCG Vaccine	
	11.3 EuroSCORE II	
	11.4 Precognition	25
12	Network Analysis	26
	12.1 BFI Network	26
13	Reliability	27
	13.1 ASRM - Mania Scale	27
	13.2 Fear of Statistics	27
	13.3 Interrater Data from Shrout and Fleiss (1979)	27
14	SEM	28
	14.1 Grand Point Average	28
	14.2 Political Democracy	
15	Prophet	29
10	15.1 JASP Webpage Visits	
16	Circular Statistics	30
10	16.1 El Nino	
	10.1 E1 WillO	30
17	Mixed Models	31
	17.1 Larks and Owls	31
18	Quality Control	32
	18.1 AttributesAgreementAnalysisLongFormat	32
	18.2 AttributesAgreementAnalysisWideFormat	32
	18.3 FactorialDesignAnalysis	32
	18.4 GaugerRLongFormat	
	18.5 GaugerRNestedLongFormat	
	18.6 GaugerRNestedWideFormat	
	18.7 GaugerRWideFormat	33
	18.8 IndividualChartStages	33
	18.9 LinearityStudy	33
	18.10NPAttributesChart	33
	18.11PAttributesChart	33
	18.12ProcessCapabilityStudyLongFormat	33
	18.13ProcessCapabilityStudyWideFormat	34
	18.14RangeMethodDataLongFormat	34
	18.15RangeMethodDataWideFormat	34
	18.16ResponseSurfaceDesignAnalysis	34

	18.17Subgr	oupChartLongFormat		 	 		 	 		 	. 3	4
	18.18Subgr	$\operatorname{coupChartWideFormat}$		 	 		 	 		 	. 3	4
	18.19Type1	Instrument Capability		 	 		 	 		 	. 3	4
10	Survival										3	5
19		emia										5
	19.1 Leuke	IIIIa		 	 • •	• •	 	 •	•	 • •	. 3	J
20	Process										3	6
	20.1 Age a	nd Fatigue		 	 		 	 		 	. 3	6
	20.2 Clima	te Change Disasters .		 	 		 	 		 	. 3	6
	20.3 Image	ery and Memory		 	 		 	 		 	. 3	6
		med Media Influence .										6
21	Miscellane										2	7
21												
		ombe's Quartet										7
		ng Data										7
		Datasaurus Dozen (Long	,									7
	21.4 The L	Datasaurus Dozen (Wide	e) .	 	 		 	 	•	 	. 3	7
22	Books										3	8
	22.1 Field	- Discovering Statistics		 	 		 	 		 	. 3	8
		Fear of Statistics										8
		Invisibility Cloak										8
		Alcohol Attitudes										8
		Beer Goggles										8
		Bush Tucker Food .										88
		Looks or Personality										8
		Viagra										9
		Album Sales									_	9
		Exam Anxiety										9
		0 The Biggest Liar										9
		1 Dancing Cats										9
		2 Dancing Cats and Do										9
		e, McCabe, & Craig - In	_									9
		Directed Reading Act										9
		Moon and Aggression										0
		Weight Gain										0
		Facebook Friends										
												0
	_	Heart Rate										0
		Response to Eye Colo										0
		College Success										0
		Fidgeting and Fat Ga										0
	22.2.9	Physical Activity and	BMI	 	 		 	 		 	. 4	0

22.2.10 Health Habits																		
	99 9 10	) Health	Habits															4

### **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.sagepub.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/). "

# 1 Descriptives

# 1.1 Sleep

.jasp	.html	.csv

# 2 T-Tests

## 2.1 Directed Reading Activities

.lasp .csv	.jasp	.html	.csv
------------	-------	-------	------

### 2.2 Eye Movements

.jasp	.html	.csv
9 1		

### 2.3 Invisibility Cloak

.iasp	.html	.csv
Josef		

### 2.4 Kitchen Rolls

•			
iasn	.html	CSV	
Jasp	•1101111	:CBV	

## 2.5 Moon and Aggression

# 2.6 Stereograms

.jasp .html	.csv
-------------	------

# 2.7 Weight Gain

.jasp	.html	.CSV	

# 3 ANOVA

### 3.1 Alcohol Attitudes

$\cdot j \omega p$	.jasp	.html	.csv	
--------------------	-------	-------	------	--

## 3.2 Beer Goggles

.jasp	.html	.csv
<b>3</b> 1		

### 3.3 Bugs

.iasp	$. \mathrm{html}$	.csv	

### 3.4 Bush Tucker Food

.jasp	.html	.csv

### 3.5 Erotic Pictures and Love

### 3.6 Facebook Friends

.jasp	.html	.csv	
3.7 Heart Rat	P		
on near nat			
.jasp	.html	.csv	
3.8 Looks or I	Personality		
.jasp	.html	.csv	
3.9 Pain Thre	sholds		
.jasp	.html	.csv	
3.10 Response	e to Eye Color		
.jasp	.html	.csv	
3.11 Singers			
.jasp	.html	.csv	
3.12 Stroop			
.jasp	.html	.csv	

## 3.13 Tooth Growth

·Jaop	.jasp	.html	.csv
-------	-------	-------	------

# 3.14 Viagra

.jasp	.html	.csv	

# 4 Regression

### 4.1 Adam Sandler

.jasp	.html	.csv
J 1		

### 4.2 Album Sales

.jasp	.html	.CSV

### 4.3 Auction

.jasp	$. { m html}$	.csv	

## 4.4 Big Five Personality Traits

## 4.5 College Success

.jasp	.html	.csv
0 1		

## 4.6 Exam Anxiety

.jasp	.html	.csv	
4.7 Fidgeting	and Fat Gain		
.jasp	.html	.csv	
4.8 Glasgow I	Vorms		
.jasp	.html	.csv	
4.9 Physical A	Activity and BMI		
1.5 Tilysical 7	Activity and Divil		
.jasp	.html	.csv	
110 Procidon	ts' ∐oight		
4.10 Presiden	its Height		
.jasp	.html	.csv	
-Jensie			
4 11 TL D'			
4.11 The Bigg	gest Liar		
.jasp	.html	.csv	
.Jasp	.1101111	.037	
4.10			
4.12 Titanic			
.jasp	.html	.csv	
-1 <sub>mp</sub> h	.1101111	.057	

## 4.13 Turbines

.jasp	.html	.csv	
-------	-------	------	--

# 4.14 World Happiness

.iasp	.html	.csv
Jusp	•1101111	.001

# **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
0 1		

### 5.4 Emily Rosa

iasn	html	CSV
Jasp	.1101111	.CSV

### 5.5 Health Habits

.jasp .html .csv
------------------

5.6	Hungry	Zom	bies
-----	--------	-----	------

### 5.7 Listerism

-		
iasp	html	CSV
·Jasp	***************************************	1001

## 5.8 Memory of Life Stresses

### 5.9 MOOC Bias

•	1, 1	
.jasp	.ntml	.csv

# 5.10 Pi 100 Digits

iasp	.html	.csv
·Jacp	***************************************	.051

### 5.11 Sun Block Lotions

.iasp	.html	.csv	
Jensie			

# 6 Factor

### 6.1 G Factor

.jasp	.html	.csv
0 1		

# 6.2 Mental Ability

.jasp	.html	.CSV
<i>9</i> 1		

# 7 Audit

## 7.1 sinoForest

iasp	html	.CSV
Jasp	*1101111	

# 8 Bain

# 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

.iasp	.html	.csv
·Jusp	•1101111	.001

### 10.5 studentGrades

	1 / 1		
.lasp	.html	$.\mathrm{csv}$	
9 1			

### 10.6 telcoCustomerChurn

.jasp .html .csv
------------------

## 10.7 wine

.jasp	.html	.csv
· ·		

# 11 Meta-Analysis

# 11.1 Acculturation Mismatch and Intergenerational Cultural Conflict

.jasp	.html	.CSV
11.2 BCG Vaccine		
.jasp	.html	.csv
11.3 EuroSCORE II		

## 11.4 Precognition

.jasp

.jasp	.html	.csv

.csv

.html

# 12 Network Analysis

### 12.1 BFI Network

iasp	html	.CSV
Jasp	*1101111	

# 13 Reliability

### 13.1 ASRM - Mania Scale

### 13.2 Fear of Statistics

### 13.3 Interrater Data from Shrout and Fleiss (1979)

-Jacp	.jasp	.html	.csv
-------	-------	-------	------

# 14 SEM

## 14.1 Grand Point Average

.jasp .ntmi .csv	.jasp	.html	.csv
------------------	-------	-------	------

# 14.2 Political Democracy

Jasp	.jasp	.html	.CSV
------	-------	-------	------

# 15 Prophet

# 15.1 JASP Webpage Visits

	.jasp	.html	.csv
--	-------	-------	------

# 16 Circular Statistics

### 16.1 El Nino

.jasp	.html	.csv
<b>0</b> I		

# 17 Mixed Models

### 17.1 Larks and Owls

.iasp	.html	.CSV	
.jasp	.mumi	$.\mathrm{csv}$	

# 18 Quality Control

### $18.1\ Attributes Agreement Analysis Long Format$

.jasp	.html	.CSV

### $18.2\ Attributes Agreement Analysis Wide Format$

.jasp .html .cs	SV
-----------------	----

### 18.3 FactorialDesignAnalysis

.jasp	.html	.csv
3 · · · I		

### 18.4 GaugerRLongFormat

	1-41	
.jasp	.ntmi	.CSV

### $18.5 \ Gauger RN ested Long Format \\$

18.6	GaugerRNestedWideFormat	
------	-------------------------	--

.jasp

jasp	.html	.csv	
l8.7 Gaugerl	RWideFormat		
jasp	.html	.csv	
18.8 Individu	ialChartStages		
jasp	.html	.csv	
Jasp	.1101111	.csv	
10 N. Lingarit	vC+dv		
18.9 Linearit	yStudy		
.jasp	.html	.csv	
18.10 NPAtt	ributesChart		
.jasp	.html	.csv	
18.11 PAttri	butesChart		
.jasp	.html	.csv	

.csv

.html

18.13 ProcessCapabilityStudyWideFormat			
.jasp	.html	.csv	
18.14 Rangel	${\sf MethodDataLongForma}$	i.	
.jasp	.html	.csv	
18.15 Rangel	${\sf MethodDataWideFormate}$	t	
.jasp	.html	.csv	
18.16 Respor	nseSurfaceDesignAnalys	s	
.jasp	.html	.csv	
18.17 Subgro	oupChartLongFormat		
.jasp	.html	.csv	
18.18 Subgro	oupChartWideFormat		
.jasp	.html	.CSV	

.csv

18.19 Type1InstrumentCapability

.jasp

.html

# 19 Survival

## 19.1 Leukemia

.jasp	.html	.csv
<b>0</b> I		

# 20 Process

## 20.1 Age and Fatigue

	.jasp	.html	.csv
--	-------	-------	------

### 20.2 Climate Change Disasters

.jasp .html .cs	SV
-----------------	----

## 20.3 Imagery and Memory

.jasp	.html	.csv
3 · · · I		

### 20.4 Presumed Media Influence

.jasp	.html	.csv
-------	-------	------

# 21 Miscellaneous

### 21.1 Anscombe's Quartet

### 21.2 Missing Data

.jasp	.html	.csv
<b>J</b> 1		

## 21.3 The Datasaurus Dozen (Long)

## 21.4 The Datasaurus Dozen (Wide)

.jasp .html .csv	
------------------	--

# 22 Books

### 22.1 Field - Discovering Statistics

#### 22.1.1 Fear of Statistics

#### 22.1.2 Invisibility Cloak

.jasp	.html	.CSV
Jens		

#### 22.1.3 Alcohol Attitudes

.jasp	.html	.csv

#### 22.1.4 Beer Goggles

.jasp	.html	.csv
Joseph		

#### 22.1.5 Bush Tucker Food

.iasp	- .html	.csv	
Jessp	***************************************		

### 22.1.6 Looks or Personality

.jasp	.html	.CSV
3 1		

22.	.1.	.7	Viagra	ì

#### 22.1.8 Album Sales

.jasp	.html	.csv
3 1		

### 22.1.9 Exam Anxiety

.iasp	.html	CSV
Jasp	•1101111	.CSV

### 22.1.10 The Biggest Liar

iasn	html	CSV
Jasp	.1101111	·Cov

### 22.1.11 Dancing Cats

iasn	html	CSV	
Jasp	•1101111	·CSV	

### 22.1.12 Dancing Cats and Dogs

.jasp	$. \mathrm{html}$	.csv	

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

### 22.2.1 Directed Reading Activities

.jasp	.html	.csv

### 22.2.2 Moon and Aggression

.jasp	.html	.csv	
22.2.3 Weight (	Gain		
.jasp	.html	.csv	
22.2.4 Facebool	k Friends		
.jasp	.html	.csv	
22.2.5 Heart Ra	ite		
.jasp	.html	.csv	
<u>.jusp</u>			
22.2.6 Response	e to Eye Color		
	e to Eye Color .html	.csv	
22.2.6 Response	.html	.csv	

# 22.2.9 Physical Activity and BMI

22.2.8 Fidgeting and Fat Gain

.jasp

.csv

.html

.jasp	.html	.csv

### 22.2.10 Health Habits

	1 . 1	
.1asp	.html	.CSV
.jasp	***************************************	