The JASP Data Library

The JASP Team

2025-02-03

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
		<u> </u>	23
	10.2	penguins	23
		. 0	23
			23
			23
			23
	10.7	wine	24

11	l Meta-Analysis	2	25
	11.1 Acculturation Mismatch and Intergenerational Cultural Conflict	. 2	25
	11.2 Effectiveness of the BCG Vaccine Against Tuberculosis	2	25
	11.3 Effects of Modified School Calendars on Student Achievement	2	25
	11.4 EuroSCORE II	2	25
	11.5 Precognition	2	25
	11.6 Temporal Trends in Fish Community Structures in French Rivers	. 2	26
12	2 Network Analysis	2	27
	12.1 BFI Network	. 2	27
13	3 Reliability	2	28
	13.1 ADD symptoms	. 2	28
	13.2 ASRM - Mania Scale		28
	13.3 Fear of Statistics	2	28
	13.4 Interrater Data from Shrout and Fleiss (1979)		28
14	1 SEM	2	29
	14.1 Grand Point Average	2	29
	14.2 Political Democracy	. 2	29
15	5 Prophet	3	30
	15.1 JASP Webpage Visits	. 3	30
16	Circular Statistics	3	31
	16.1 El Nino	:	31
17	7 Mixed Models	3	32
	17.1 Larks and Owls		32
18	3 Quality Control	3	3
	18.1 AttributesAgreementAnalysisLongFormat	:	33
	18.2 AttributesAgreementAnalysisWideFormat	:	33
	18.3 FactorialDesignAnalysis	:	33
	18.4 GaugerRLongFormat	:	33
	18.5 GaugerRNestedLongFormat		33
	18.6 GaugerRNestedWideFormat		34
	18.7 GaugerRWideFormat		34
	18.8 IndividualChartStages		34
	18.9 LinearityStudy		34
	18.10NPAttributesChart		34
	18.11PAttributesChart		34
	18.12ProcessCapabilityStudyLongFormat		34
	18.13ProcessCapabilityStudyWideFormat		35

	18.14RangeMethodDataLongFormat	. 35
	18.15RangeMethodDataWideFormat	. 35
	18.16ResponseSurfaceDesignAnalysis	. 35
	18.17SubgroupChartLongFormat	. 35
	18.18SubgroupChartWideFormat	. 35
	18.19Type1InstrumentCapability	. 35
19	Survival	36
	19.1 Leukemia	
20	Process	37
_0	20.1 Age and Fatigue	
	20.2 Climate Change Disasters	
	20.3 Imagery and Memory	
	20.4 Presumed Media Influence	
	2011 I losamoa Modia imidolioo I I I I I I I I I I I I I I I I I I	
21	Miscellaneous	38
	21.1 Anscombe's Quartet	. 38
	21.2 Missing Data	. 38
	21.3 The Datasaurus Dozen (Long)	. 38
	21.4 The Datasaurus Dozen (Wide)	. 38
22	Books	39
	22.1 Field - Discovering Statistics	
	22.1.1 Fear of Statistics	
	22.1.2 Invisibility Cloak	
	22.1.3 Alcohol Attitudes	
	22.1.4 Beer Goggles	
	22.1.5 Bush Tucker Food	
	22.1.6 Looks or Personality	
	22.1.7 Viagra	
	22.1.8 Album Sales	
	22.1.9 Exam Anxiety	_
	22.1.10 The Biggest Liar	
	22.1.11 Dancing Cats	
	22.1.12 Dancing Cats and Dogs	
	22.2 Moore, McCabe, & Craig - Introduction to the Practice of Statistics	
	22.2.1 Directed Reading Activities	
	22.2.2 Moon and Aggression	
	22.2.3 Weight Gain	
	22.2.4 Facebook Friends	
	22.2.5 Heart Rate	
	22.2.6 Response to Eye Color	
	1300poince to Lje Color	

22.2.7	College Success	41
22.2.8	Fidgeting and Fat Gain	41
22.2.9	Physical Activity and BMI	41
22.2.10	Health Habits	42

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
3 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 _{mp} h	.1101111	.057	

4.13 Turbines

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

4.14 World Happiness

.iasp	.html	.csv
Jusp	***************************************	.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	
Janak			

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 Effectiveness of the BCG Vaccine Against Tuberculosis

11.3 Effects of Modified School Calendars on Student Achievement

iasp	.html	.CSV
Jasp	.1101111	·CDV

11.4 EuroSCORE II

in an	latro l	0.77
.jasp	.11101111	.CSV

11.5 Precognition

11.6 Temporal Trends in Fish Community Structures in French Rivers

.jasp .html .csv

12 Network Analysis

12.1 BFI Network

iasp	html	.CSV
Jasp	*1101111	

13 Reliability

13.1 ADD symptoms

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

13.2 ASRM - Mania Scale

13.3 Fear of Statistics

.jasp	.html	.csv

13.4 Interrater Data from Shrout and Fleiss (1979)

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
• •		

17 Mixed Models

17.1 Larks and Owls

18 Quality Control

$18.1\ Attributes Agreement Analysis Long Format$

.jasp	.html	.csv

18.2 AttributesAgreementAnalysisWideFormat

18.3 FactorialDesignAnalysis

.jasp	$. \mathrm{html}$.csv
3 · · · I		

18.4 GaugerRLongFormat

iasp	.html	.csv
·Jasp	•1101111	·CDV

$18.5 \ Gauger RN ested Long Format \\$

.jasp	.html	.csv

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

.jasp

jasp	.html	.csv	
•			
0.7 Caugarl	D\//idaEarmat		
o. r Gaugeri	RWideFormat		
asp	.html	.csv	
l8.8 Individu	alChartStages		
jasp	.html	.CSV	
18.9 Linearit	yStudy		
jasp	.html	.csv	
18.10 NPAtt	ributesChart		
jasp	.html	.CSV	
18.11 PAttril	outesChart		
jasp	.html	.csv	
J~~P	•1101111	.057	

.csv

.html

18.13 ProcessCapabilityStudyWideFormat			
.jasp	.html	.csv	
18.14 Range	MethodDataLongForma ^r	:	
.jasp	.html	.csv	
18.15 Range	${\sf MethodDataWideForma}$	t	
.jasp	.html	.csv	
18.16 Respoi	nseSurfaceDesignAnalysi	s	
.jasp	.html	.csv	
18.17 Subgro	oupChartLongFormat		
.jasp	.html	.csv	
10 10 C I			
18.18 Subgro	oupChartWideFormat		

.csv

18.19 Type1InstrumentCapability

.jasp

.html

19 Survival

19.1 Leukemia

.jasp	.html	.csv

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	$. \mathrm{html}$.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	
-------	-------	------	--

21.3 The Datasaurus Dozen (Long)

21.4 The Datasaurus Dozen (Wide)

•	11	
.jasp	.ntml	.csv

22 Books

22.1 Field - Discovering Statistics

22.1.1 Fear of Statistics

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

22.1.2 Invisibility Cloak

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

22.1.3 Alcohol Attitudes

iasn	html	CSV
·Jasp	•1101111	.CD V

22.1.4 Beer Goggles

.jasp	.html	.csv
3 1		

22.1.5 Bush Tucker Food

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

22.1.6 Looks or Personality

.iasp	.html	.csv
Jesp	***************************************	.05.

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

ioan	latinal	0.077	
.jasp	.11101111	.CSV	

22.1.11 Dancing Cats

iasp	.html	CSV	
·Jacp	•1101111	:CBV	

22.1.12 Dancing Cats and Dogs

.jasp .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 G	ain		
.jasp	.html	.csv	
22.2.4 Facebook	Friends		
.jasp	.html	.CSV	
22.2.5 Heart Rat	te		
.jasp	.html	.csv	
22.2.6 Response	to Eye Color		
.jasp	.html	.csv	
22.2.7 College S	uccess		
jasp	.html	.csv	

22.2.9 Physical Activity and BMI

.jasp

.csv

.html

.jasp	.html	.csv

22.2.10 Health Habits

.jasp	.html	.csv