

The JASP Data Library

The JASP Team

2025-08-04

Table of contents

Preface	7
Copyright	7
1 Descriptives	8
1.1 Boxplot	8
1.2 Plot layout	8
1.3 Repeated measures	8
1.4 Scatter plot	8
1.5 Sleep	8
2 T-Tests	9
2.1 Directed Reading Activities	9
2.2 Eye Movements	9
2.3 Invisibility Cloak	9
2.4 Kitchen Rolls	9
2.5 Moon and Aggression	9
2.6 Stereograms	10
2.7 Weight Gain	10
3 ANOVA	11
3.1 Alcohol Attitudes	11
3.2 Beer Goggles	11
3.3 Bugs	11
3.4 Bush Tucker Food	11
3.5 Erotic Pictures and Love	11
3.6 Facebook Friends	11
3.7 Heart Rate	12
3.8 Looks or Personality	12
3.9 Pain Thresholds	12
3.10 Response to Eye Color	12
3.11 Singers	12
3.12 Stroop	12
3.13 Tooth Growth	13
3.14 Viagra	13

4	Regression	14
4.1	Adam Sandler	14
4.2	Album Sales	14
4.3	Auction	14
4.4	Big Five Personality Traits	14
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
4.13	Turbines	16
4.14	World Happiness	16
5	Frequencies	17
5.1	Dancing Cats and Dogs	17
5.2	Dancing Cats	17
5.3	Death Penalty	17
5.4	Emily Rosa	17
5.5	Health Habits	17
5.6	Hungry Zombies	18
5.7	Listerism	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	Factor	19
6.1	G Factor	19
6.2	Mental Ability	19
7	Audit	20
7.1	sinoForest	20
8	Bain	21
9	Discover Distributions	22
9.1	Normal distribution	22
10	Machine Learning	23
10.1	iris	23
10.2	penguins	23

10.3	policeCadetEvaluation	23
10.4	spiral	23
10.5	studentGrades	23
10.6	telcoCustomerChurn	23
10.7	wine	24
11	Meta-Analysis	25
11.1	Acculturation Mismatch and Intergenerational Cultural Conflict	25
11.2	Effectiveness of the BCG Vaccine Against Tuberculosis	25
11.3	Effects of Modified School Calendars on Student Achievement	25
11.4	EuroSCORE II	25
11.5	Precognition	25
11.6	Recidivism and Mental Health in Delinquent Juveniles	26
11.7	Temporal Trends in Fish Community Structures in French Rivers	26
12	Network Analysis	27
12.1	BFI Network	27
13	Reliability	28
13.1	ADD symptoms	28
13.2	ASRM - Mania Scale	28
13.3	Fear of Statistics	28
13.4	Interrater Data from Shrout and Fleiss (1979)	28
14	SEM	29
14.1	Grand Point Average	29
14.2	Political Democracy	29
15	Prophet	30
15.1	JASP Webpage Visits	30
16	Circular Statistics	31
16.1	El Nino	31
17	Mixed Models	32
17.1	Larks and Owls	32
18	Quality Control	33
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
18.10	NPAttributesChart	34
18.11	PAttributesChart	34
18.12	ProcessCapabilityStudyLongFormat	34
18.13	ProcessCapabilityStudyWideFormat	35
18.14	RangeMethodDataLongFormat	35
18.15	RangeMethodDataWideFormat	35
18.16	ResponseSurfaceDesignAnalysis	35
18.17	SubgroupChartLongFormat	35
18.18	SubgroupChartWideFormat	35
18.19	Type1InstrumentCapability	35
19	Survival	36
19.1	Leukemia	36
20	Process	37
20.1	Age and Fatigue	37
20.2	Climate Change Disasters	37
20.3	Imagery and Memory	37
20.4	Presumed Media Influence	37
21	JAGS	38
21.1	ReproducibilityProject	38
22	Miscellaneous	39
22.1	Anscombe's Quartet	39
22.2	Missing Data	39
22.3	The Datasaurus Dozen (Long)	39
22.4	The Datasaurus Dozen (Wide)	39
23	Books	40
23.1	Field - Discovering Statistics	40
23.1.1	Fear of Statistics	40
23.1.2	Invisibility Cloak	40
23.1.3	Alcohol Attitudes	40
23.1.4	Beer Goggles	40
23.1.5	Bush Tucker Food	40
23.1.6	Looks or Personality	40
23.1.7	Viagra	41
23.1.8	Album Sales	41
23.1.9	Exam Anxiety	41

23.1.10	The Biggest Liar	41
23.1.11	Dancing Cats	41
23.1.12	Dancing Cats and Dogs	41
23.2	Moore, McCabe, & Craig - Introduction to the Practice of Statistics	41
23.2.1	Directed Reading Activities	41
23.2.2	Moon and Aggression	42
23.2.3	Weight Gain	42
23.2.4	Facebook Friends	42
23.2.5	Heart Rate	42
23.2.6	Response to Eye Color	42
23.2.7	College Success	42
23.2.8	Fidgeting and Fat Gain	42
23.2.9	Physical Activity and BMI	42
23.2.10	Health Habits	43

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 Boxplot

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

1.2 Plot layout

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

1.3 Repeated measures

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

1.4 Scatter plot

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

1.5 Sleep

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

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 Pi 100 Digits

[.jasp](#)[.html](#)[.CSV](#)

5.11 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

.jsp	.html	.csv
----------------------	-----------------------	----------------------

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

.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 Acculturation Mismatch and Intergenerational Cultural Conflict

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

11.2 Effectiveness of the BCG Vaccine Against Tuberculosis

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

11.3 Effects of Modified School Calendars on Student Achievement

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

11.4 EuroSCORE II

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

11.5 Precognition

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

11.6 Recidivism and Mental Health in Delinquent Juveniles

[.jasp](#)[.html](#)[.csv](#)

11.7 Temporal Trends in Fish Community Structures in French Rivers

[.jasp](#)[.html](#)[.csv](#)

12 Network Analysis

12.1 BFI Network

[.jasp](#)[.html](#)[.csv](#)

13 Reliability

13.1 ADD symptoms

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

13.2 ASRM - Mania Scale

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

13.3 Fear of Statistics

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

13.4 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
-----------------------	-----------------------	----------------------

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 Quality Control

18.1 AttributesAgreementAnalysisLongFormat

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

18.2 AttributesAgreementAnalysisWideFormat

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

18.3 FactorialDesignAnalysis

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

18.4 GaugerRLongFormat

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

18.5 GaugerRNestedLongFormat

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

18.6 GaugerRNestedWideFormat

[.jasp](#)[.html](#)[.CSV](#)

18.7 GaugerRWideFormat

[.jasp](#)[.html](#)[.CSV](#)

18.8 IndividualChartStages

[.jasp](#)[.html](#)[.CSV](#)

18.9 LinearityStudy

[.jasp](#)[.html](#)[.CSV](#)

18.10 NPAttributesChart

[.jasp](#)[.html](#)[.CSV](#)

18.11 PAttributesChart

[.jasp](#)[.html](#)[.CSV](#)

18.12 ProcessCapabilityStudyLongFormat

[.jasp](#)[.html](#)[.CSV](#)

18.13 ProcessCapabilityStudyWideFormat

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

18.14 RangeMethodDataLongFormat

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

18.15 RangeMethodDataWideFormat

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

18.16 ResponseSurfaceDesignAnalysis

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

18.17 SubgroupChartLongFormat

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

18.18 SubgroupChartWideFormat

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

18.19 Type1InstrumentCapability

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

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	.CSV
-----------------------	-----------------------	----------------------

20.3 Imagery and Memory

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

20.4 Presumed Media Influence

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

21 JAGS

21.1 ReproducibilityProject

[.jasp](#)

[.html](#)

[.CSV](#)

22 Miscellaneous

22.1 Anscombe's Quartet

[.jasp](#)[.html](#)[.CSV](#)

22.2 Missing Data

[.jasp](#)[.html](#)[.CSV](#)

22.3 The Datasaurus Dozen (Long)

[.jasp](#)[.html](#)[.CSV](#)

22.4 The Datasaurus Dozen (Wide)

[.jasp](#)[.html](#)[.CSV](#)

23 Books

23.1 Field - Discovering Statistics

23.1.1 Fear of Statistics

[.jasp](#)[.html](#)[.CSV](#)

23.1.2 Invisibility Cloak

[.jasp](#)[.html](#)[.CSV](#)

23.1.3 Alcohol Attitudes

[.jasp](#)[.html](#)[.CSV](#)

23.1.4 Beer Goggles

[.jasp](#)[.html](#)[.CSV](#)

23.1.5 Bush Tucker Food

[.jasp](#)[.html](#)[.CSV](#)

23.1.6 Looks or Personality

[.jasp](#)[.html](#)[.CSV](#)

23.1.7 Viagra

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

23.1.8 Album Sales

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

23.1.9 Exam Anxiety

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

23.1.10 The Biggest Liar

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

23.1.11 Dancing Cats

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

23.1.12 Dancing Cats and Dogs

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

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

23.2.1 Directed Reading Activities

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

23.2.2 Moon and Aggression

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

23.2.3 Weight Gain

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

23.2.4 Facebook Friends

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

23.2.5 Heart Rate

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

23.2.6 Response to Eye Color

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

23.2.7 College Success

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

23.2.8 Fidgeting and Fat Gain

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

23.2.9 Physical Activity and BMI

[.jsp](#)[.html](#)[.csv](#)

23.2.10 Health Habits

[.jsp](#)[.html](#)[.csv](#)
