

The JASP Data Library

The JASP Team

2024-04-22

Table of contents

Preface	6
Copyright	6
1 Descriptives	7
1.1 Sleep	7
2 T-Tests	8
2.1 Directed Reading Activities	8
2.2 Eye Movements	8
2.3 Invisibility Cloak	8
2.4 Kitchen Rolls	8
2.5 Moon and Aggression	8
2.6 Stereograms	9
2.7 Weight Gain	9
3 ANOVA	10
3.1 Alcohol Attitudes	10
3.2 Beer Goggles	10
3.3 Bugs	10
3.4 Bush Tucker Food	10
3.5 Erotic Pictures and Love	10
3.6 Facebook Friends	10
3.7 Heart Rate	11
3.8 Looks or Personality	11
3.9 Pain Thresholds	11
3.10 Response to Eye Color	11
3.11 Singers	11
3.12 Stroop	11
3.13 Tooth Growth	12
3.14 Viagra	12
4 Regression	13
4.1 Adam Sandler	13
4.2 Album Sales	13
4.3 Auction	13
4.4 Big Five Personality Traits	13

4.5	College Success	13
4.6	Exam Anxiety	13
4.7	Fidgeting and Fat Gain	14
4.8	Glasgow Norms	14
4.9	Physical Activity and BMI	14
4.10	Presidents' Height	14
4.11	The Biggest Liar	14
4.12	Titanic	14
4.13	Turbines	15
4.14	World Happiness	15
5	Frequencies	16
5.1	Dancing Cats and Dogs	16
5.2	Dancing Cats	16
5.3	Death Penalty	16
5.4	Emily Rosa	16
5.5	Health Habits	16
5.6	Hungry Zombies	17
5.7	Listerism	17
5.8	Memory of Life Stresses	17
5.9	MOOC Bias	17
5.10	Sun Block Lotions	17
6	Factor	18
6.1	G Factor	18
6.2	Mental Ability	18
7	Audit	19
7.1	sinoForest	19
8	Bain	20
9	Discover Distributions	21
9.1	Normal distribution	21
10	Machine Learning	22
10.1	iris	22
10.2	penguins	22
10.3	policeCadetEvaluation	22
10.4	spiral	22
10.5	studentGrades	22
10.6	telcoCustomerChurn	22
10.7	wine	23

11 Meta-Analysis	24
11.1 BCG Vaccine	24
12 Network Analysis	25
12.1 BFI Network	25
13 Reliability	26
13.1 ASRM - Mania Scale	26
13.2 Fear of Statistics	26
13.3 Interrater Data from Shrout and Fleiss (1979)	26
14 SEM	27
14.1 Grand Point Average	27
14.2 Political Democracy	27
14.3 Social Participation	27
15 Prophet	28
15.1 JASP Webpage Visits	28
16 Circular Statistics	29
16.1 El Nino	29
17 Mixed Models	30
17.1 Larks and Owls	30
18 Quality Control	31
18.1 AttributesAgreementAnalysisLongFormat	31
18.2 AttributesAgreementAnalysisWideFormat	31
18.3 FactorialDesignAnalysis	31
18.4 GaugerRLongFormat	31
18.5 GaugerRNestedLongFormat	31
18.6 GaugerRNestedWideFormat	32
18.7 GaugerRWideFormat	32
18.8 IndividualChartStages	32
18.9 LinearityStudy	32
18.10NPAttributesChart	32
18.11PAttributesChart	32
18.12ProcessCapabilityStudyLongFormat	32
18.13ProcessCapabilityStudyWideFormat	33
18.14RangeMethodDataLongFormat	33
18.15RangeMethodDataWideFormat	33
18.16ResponseSurfaceDesignAnalysis	33
18.17SubgroupChartLongFormat	33
18.18SubgroupChartWideFormat	33

18.19Type1InstrumentCapability	33
19 Survival	34
19.1 Leukemia	34
20 Process	35
20.1 Age and Fatigue	35
20.2 Climate Change Disasters	35
20.3 Presumed Media Influence	35
21 Miscellaneous	36
21.1 Anscombe's Quartet	36
21.2 Missing Data	36
21.3 The Datasaurus Dozen (Long)	36
21.4 The Datasaurus Dozen (Wide)	36
22 Books	37
22.1 Field - Discovering Statistics	37
22.1.1 Fear of Statistics	37
22.1.2 Invisibility Cloak	37
22.1.3 Alcohol Attitudes	37
22.1.4 Beer Goggles	37
22.1.5 Bush Tucker Food	37
22.1.6 Looks or Personality	37
22.1.7 Viagra	38
22.1.8 Album Sales	38
22.1.9 Exam Anxiety	38
22.1.10The Biggest Liar	38
22.1.11Dancing Cats	38
22.1.12Dancing Cats and Dogs	38
22.2 Moore, McCabe, & Craig - Introduction to the Practice of Statistics	38
22.2.1 Directed Reading Activities	38
22.2.2 Moon and Aggression	39
22.2.3 Weight Gain	39
22.2.4 Facebook Friends	39
22.2.5 Heart Rate	39
22.2.6 Response to Eye Color	39
22.2.7 College Success	39
22.2.8 Fidgeting and Fat Gain	39
22.2.9 Physical Activity and BMI	39
22.2.10Health Habits	40

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

.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

.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 BCG Vaccine

[.jasp](#)

[.html](#)

[.csv](#)

12 Network Analysis

12.1 BFI Network

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

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 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 Presumed Media Influence

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

21 Miscellaneous

21.1 Anscombe's Quartet

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

21.2 Missing Data

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

21.3 The Datasaurus Dozen (Long)

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

21.4 The Datasaurus Dozen (Wide)

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

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

22.1.4 Beer Goggles

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

22.1.5 Bush Tucker Food

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

22.1.6 Looks or Personality

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

22.1.7 Viagra

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

22.1.8 Album Sales

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

22.1.9 Exam Anxiety

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

22.1.10 The Biggest Liar

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

22.1.11 Dancing Cats

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

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 Gain

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

22.2.4 Facebook Friends

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

22.2.5 Heart Rate

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

22.2.6 Response to Eye Color

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

22.2.7 College Success

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

22.2.8 Fidgeting and Fat Gain

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

22.2.9 Physical Activity and BMI

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

22.2.10 Health Habits

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