The JASP Data Library

The JASP Team

2024-09-30

Table of contents

Preface **7**
Copyright . . . 7

1 Descriptives **8**
1.1 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 BCG Vaccine 25
11.3 EuroSCORE II 25
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 28

15 Prophet **29**
15.1 JASP Webpage Visits 29

16 Circular Statistics **30**
16.1 El Nino 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 32
18.5 GaugerRNestedLongFormat 32
18.6 GaugerRNestedWideFormat 33
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

18.17SubgroupChartLongFormat . . . 34
18.18SubgroupChartWideFormat . . . 34
18.19Type1InstrumentCapability . . . 34

19 Survival **35**
19.1 Leukemia . . . 35

20 Process **36**
20.1 Age and Fatigue . . . 36
20.2 Climate Change Disasters . . . 36
20.3 Imagery and Memory . . . 36
20.4 Presumed Media Influence . . . 36

21 Miscellaneous **37**
21.1 Anscombe's Quartet . . . 37
21.2 Missing Data . . . 37
21.3 The Datasaurus Dozen (Long) . . . 37
21.4 The Datasaurus Dozen (Wide) . . . 37

22 Books **38**
22.1 Field - Discovering Statistics . . . 38
22.1.1 Fear of Statistics . . . 38
22.1.2 Invisibility Cloak . . . 38
22.1.3 Alcohol Attitudes . . . 38
22.1.4 Beer Goggles . . . 38
22.1.5 Bush Tucker Food . . . 38
22.1.6 Looks or Personality . . . 38
22.1.7 Viagra . . . 39
22.1.8 Album Sales . . . 39
22.1.9 Exam Anxiety . . . 39
22.1.10 The Biggest Liar . . . 39
22.1.11 Dancing Cats . . . 39
22.1.12 Dancing Cats and Dogs . . . 39
22.2 Moore, McCabe, & Craig - Introduction to the Practice of Statistics . . . 39
22.2.1 Directed Reading Activities . . . 39
22.2.2 Moon and Aggression . . . 40
22.2.3 Weight Gain . . . 40
22.2.4 Facebook Friends . . . 40
22.2.5 Heart Rate . . . 40
22.2.6 Response to Eye Color . . . 40
22.2.7 College Success . . . 40
22.2.8 Fidgeting and Fat Gain . . . 40
22.2.9 Physical Activity and BMI . . . 40

22.2.10 Health Habits 41

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 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

.jasp	.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 BCG Vaccine

.jasp	.html	.csv

11.3 EuroSCORE II

.jasp	.html	.csv

11.4 Precognition

.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

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 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

.jasp	.html	.csv

22.2.10 Health Habits

.jasp	.html	.csv