

The JASP Data Library

The JASP Team

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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

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1.2 Plot layout

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1.4 Scatter plot

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1.5 Sleep

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2 T-Tests

2.1 Directed Reading Activities

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2.2 Eye Movements

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2.3 Invisibility Cloak

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2.4 Kitchen Rolls

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2.5 Moon and Aggression

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2.6 Stereograms

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2.7 Weight Gain

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3 ANOVA

3.1 Alcohol Attitudes

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3.2 Beer Goggles

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3.3 Bugs

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3.4 Bush Tucker Food

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3.5 Erotic Pictures and Love

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3.13 Tooth Growth

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3.14 Viagra

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4 Regression

4.1 Adam Sandler

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4.2 Album Sales

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4.3 Auction

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4.4 Big Five Personality Traits

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4.5 College Success

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4.6 Exam Anxiety

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4.7 Fidgeting and Fat Gain

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4.10 Presidents' Height

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4.13 Turbines

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4.14 World Happiness

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5 Frequencies

5.1 Dancing Cats and Dogs

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5.2 Dancing Cats

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5.3 Death Penalty

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5.4 Emily Rosa

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5.5 Health Habits

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5.6 Hungry Zombies

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5.7 Listerism

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5.8 Memory of Life Stresses

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5.9 MOOC Bias

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5.10 Pi 100 Digits

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5.11 Sun Block Lotions

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6 Factor

6.1 G Factor

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6.2 Mental Ability

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7 Audit

7.1 sinoForest

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8 Bain

9 Discover Distributions

9.1 Normal distribution

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10 Machine Learning

10.1 iris

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10.2 penguins

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10.3 policeCadetEvaluation

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10.4 spiral

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10.5 studentGrades

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10.6 telcoCustomerChurn

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10.7 wine

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11 Meta-Analysis

11.1 Acculturation Mismatch and Intergenerational Cultural Conflict

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11.2 Effectiveness of the BCG Vaccine Against Tuberculosis

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11.3 Effects of Modified School Calendars on Student Achievement

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11.6 Recidivism and Mental Health in Delinquent Juveniles

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11.7 Temporal Trends in Fish Community Structures in French Rivers

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12 Network Analysis

12.1 BFI Network

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13 Reliability

13.1 ADD symptoms

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13.2 ASRM - Mania Scale

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13.3 Fear of Statistics

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13.4 Interrater Data from Shrout and Fleiss (1979)

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14 SEM

14.1 Grand Point Average

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14.2 Political Democracy

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15 Prophet

15.1 JASP Webpage Visits

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16 Circular Statistics

16.1 El Nino

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17 Mixed Models

17.1 Larks and Owls

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18 Quality Control

18.1 AttributesAgreementAnalysisLongFormat

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18.2 AttributesAgreementAnalysisWideFormat

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18.3 FactorialDesignAnalysis

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18.7 GaugerRWideFormat

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18.8 IndividualChartStages

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18.9 LinearityStudy

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18.10 NPAttributesChart

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18.11 PAttributesChart

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18.14 RangeMethodDataLongFormat

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18.16 ResponseSurfaceDesignAnalysis

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19 Survival

19.1 Leukemia

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20 Process

20.1 Age and Fatigue

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20.2 Climate Change Disasters

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20.3 Imagery and Memory

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20.4 Presumed Media Influence

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21 JAGS

21.1 ReproducibilityProject

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22 Miscellaneous

22.1 Anscombe's Quartet

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22.2 Missing Data

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22.3 The Datasaurus Dozen (Long)

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22.4 The Datasaurus Dozen (Wide)

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23.1.1 Fear of Statistics

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23.1.2 Invisibility Cloak

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23.1.3 Alcohol Attitudes

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23.1.12 Dancing Cats and Dogs

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

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