

# Package ‘experimentr’

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**Type** Package

**Title** Datasets Used in Social Science Experiments: A Hands-on Introduction

**Version** 0.1.0

**Description** Contains all the datasets that were used in Social Science Experiments: A Hands-On Introduction and in its R Companion. Relevant materials can be found at <https://osf.io/b78je>.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Depends** R (>= 3.50)

**RoxygenNote** 7.1.2

**NeedsCompilation** no

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balcells	<i>Data from "Do transitional justice museums persuade visitors? Evidence from a field experiment"</i>
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### Description

This dataset is used in the exercises of Chapter 4 from the textbook.

### Usage

balcells

### Format

A data frame with 264 rows and 14 variables:

**age** Pre-treatment covariate denoting age in years

**gender** Pre-treatment covariate denoting gender

**pre\_ideology\_1** Pre-treatment covariate denoting political ideology

**pre\_economic\_situation** Pre-treatment covariate denoting economic situation

**pre\_political\_interest** Pre-treatment covariate denoting interest in politics

**pre\_religion\_importance** Pre-treatment covariate denoting religiosity

**total\_museums** Pre-treatment covariate denoting visits to other museums

**pre\_conf\_gov** Pre-treatment covariate denoting trust in government

**pre\_inst\_gov** Pre-treatment covariate denoting satisfaction in government

**pre\_current\_ineq** Pre-treatment covariate denoting whether inequality is deemed a problem

**pre\_positive** Pre-treatment covariate denoting positive emotions

**pre\_negative** Pre-treatment covariate denoting negative emotions

**treatmentgroup** Treatment indicator. 1 = treatment, 0 = control

**f3** Binary indicator of whether the follow-up survey was completed. 1 = completed, 0 = did not complete

### Source

Balcells, Laia, et al. "Do Transitional Justice Museums Persuade Visitors? Evidence from a Field Experiment." *The Journal of Politics*, vol. 84, no. 1, 2022, pp. 496–510., <https://doi.org/10.1086/714765>.

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barber	<i>Data from "Does Party Trump Ideology? Disentangling Party and Ideology in America"</i>
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**Description**

This dataset is used in the exercises of Chapter 4 from the textbook.

**Usage**

barber

**Format**

A data frame with 1300 rows and 3 variables:

**Support** Outcome variable denoting support. 1 = support policy, 0 = do not support policy

**condition** Condition indicator. 1 = liberal Trump, 2 = conservative Trump, 3 = GOP Leaders, 5 = control Republican

**republican** Pre-treatment covariate denoting denoting partisanship. 1 = Republican, 0 = Not Republican

**Source**

BARBER, MICHAEL, and JEREMY C. POPE. "Does Party Trump Ideology? Disentangling Party and Ideology in America." *American Political Science Review*, vol. 113, no. 1, 2019, pp. 38–54., doi:10.1017/S0003055418000795.

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batteries	<i>Data from Rutherford's experiment with batteries</i>
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**Description**

This dataset is used in the exercises of Chapter 3 from the textbook.

**Usage**

batteries

**Format**

A data frame with 30 rows and 5 variables:

**treatment** Treatment indicator. 1 = treatment, 0 = control

**one** Outcome variable denoting first bounce time

**two** Outcome variable denoting second bounce time

**three** Outcome variable denoting third bounce time

**pre** Pre-treatment covariate denoting pre-test bounce time

**Source**

Rutherford, Kylan. "Experiment Practicum." Columbia University, 2020.

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bruneau

*Data from "The power of being heard: The benefits of 'perspective-giving' in the context of intergroup conflict"*

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**Description**

This dataset is used in the exercises of Chapter 4 from the textbook.

**Usage**

bruneau

**Format**

A data frame with 123 rows and 7 variables:

**FTar** Attitude towards Arabs at time 0

**FTar\_1** Attitude towards Arabs at time 1

**FTar\_2** Attitude towards Arabs at time 2

**Average** Average outcome at time 0

**Average\_1** Average outcome at time 1

**group** Ethnic group. 1 = White, 2 = Mexican

**condition** Condition indicator. 2 = receiver, 1 = sender

**Source**

Bruneau, Emile G., and Rebecca Saxe. "The Power of Being Heard: The Benefits of 'Perspective-Giving' in the Context of Intergroup Conflict." *Journal of Experimental Social Psychology*, vol. 48, no. 4, 2012, pp. 855–866., <https://doi.org/10.1016/j.jesp.2012.02.017>.

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easton	<i>Data from "The Democracy of Dating: How Political Affiliations Shape Relationship Formation"</i>
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### Description

This dataset is used in the exercises of Chapters 5 and 6 from the R Companion.

### Usage

easton

### Format

A data frame with 725 rows and 5 variables:

**attractiveness\_score** Attractiveness of the shown profile according to the subject

**age** Age in years

**male** Gender. 1 = Male, 0 = Female

**republican** Political orientation. 1 = Republican, 0 = Democrat

**treatment\_republican\_profile** 1 = A profile of a Republican was shown, 0 = A profile of a Democrat was shown

### Source

Easton, Matthew J., and John B. Holbein. "The Democracy of Dating: How Political Affiliations Shape Relationship Formation." *Journal of Experimental Political Science*, vol. 8, no. 3, 2021, pp. 260–272., doi:10.1017/XPS.2020.21.

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frijters	<i>Data from "Roommate effects in health outcomes"</i>
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### Description

This dataset is used in the exercises of Chapter 7 from the textbook.

### Usage

frijters

### Format

A data frame with 214 rows and 3 variables:

**Roommate\_BMI** Roommate's BMI

**Past\_BMI** Participant's BMI at baseline

**Current\_BMI** Participant's BMI after living with roommate for one year

**Source**

Frijters, Paul, et al. "Roommate Effects in Health Outcomes." *Health Economics*, vol. 28, no. 8, 2019, pp. 998–1034., <https://doi.org/10.1002/hec.3901>.

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lynn

*Data from "Effect of Server Posture on Restaurant Tipping"*

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**Description**

This dataset is used in the exercises of Chapter 7 from the textbook.

**Usage**

lynn

**Format**

A data frame with 148 rows and 7 variables:

**groupsize** Number of customers dining at table

**bill** Total bill amount in dollars

**tip** Tip amount in dollars

**daytime** Day or evening shift

**female** Whether the bill was paid by male or female. 1 = female, 0 = male

**crouch** 1 = crouch, 0 = standing

**paid\_by\_credit\_card** Whether the bill was paid by credit card. 1 = credit card, 0 = not credit card

**Source**

Lynn, Michael, and Kirby Mynier. "Effect of Server Posture on Restaurant Tipping." *Journal of Applied Social Psychology*, vol. 23, no. 8, 1993, pp. 678–685., <https://doi.org/10.1111/j.1559-1816.1993.tb01109.x>.

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mcgrath	<i>Data from "Chocolate scents and product sales: a randomized controlled trial in a Canadian bookstore and cafe"</i>
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**Description**

This dataset is used in the exercises of Chapter 6 from the textbook.

**Usage**

mcgrath

**Format**

A data frame with 30 rows and 5 variables:

**treatment** Treatment indicator. 1 = treatment, 0 = control

**book** Sales of books

**coffee** Sales of bulk coffee, tea, or spices

**food** Sales of food

**grandtotal** Total of book, coffee, and food sales

**Source**

McGrath, Mary C., et al. "Chocolate Scents and Product Sales: A Randomized Controlled Trial in a Canadian Bookstore and Café." SpringerPlus, vol. 5, no. 1, 2016, <https://doi.org/10.1186/s40064-016-2303-5>.

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mullinix	<i>Data from "The Feedback Effects of Controversial Police Use of Force"</i>
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**Description**

This dataset is used in the exercises of Chapters 4 and 7 from the textbook.

**Usage**

mullinix

**Format**

A data frame with 2915 rows and 2 variables:

**FL\_10\_DO** Condition indicator. L = Lethal, NL = Non-lethal

**Q30** Outcome measure

**Source**

Mullinix, Kevin J., et al. "The Feedback Effects of Controversial Police Use of Force." *Political Behavior*, vol. 43, no. 2, 2020, pp. 881–898., <https://doi.org/10.1007/s11109-020-09646-x>.

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murrar

*Data from "Entertainment-education effectively reduces prejudice"*

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**Description**

This dataset is used in the exercises of Chapters 4 and 7 from the textbook and Chapters 4 and 5 from the R Companion.

**Usage**

murrar

**Format**

A data frame with 193 rows and 7 variables:

**white\_t0** Attitude toward Whites pre-treatment

**white\_t1** Attitude toward Whites post-treatment

**arab\_t0** Attitude toward Arabs pre-treatment

**arab\_t1** Attitude toward Arabs post-treatment

**arab\_t2** Attitude toward Arabs 4-6 weeks after treatment

**iatT1N** IAT toward Arabs

**condition** Treatment identifier. 1 = treatment, 0 = control

**Source**

Murrar, Sohad, and Markus Brauer. "Entertainment-Education Effectively Reduces Prejudice." *Group Processes & Intergroup Relations*, vol. 21, no. 7, 2017, pp. 1053–1077., <https://doi.org/10.1177/1368430216682>



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nickerson	<i>Data from "Is Voting Contagious? Evidence from Two Field Experiments"</i>
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**Description**

This dataset is used in the exercises of Chapters 4 and 6 from the R Companion.

**Usage**

nickerson

**Format**

A data frame with 956 rows and 2 variables:

**treatment** Treatment indicator denoting whether participant spoke with canvassers about the upcoming election or about recycling

**voted02p** Whether the participant voted in the elections

**Source**

NICKERSON, DAVID W. "Is Voting Contagious? Evidence from Two Field Experiments." *American Political Science Review*, vol. 102, no. 1, 2008, pp. 49–57., doi:10.1017/S0003055408080039.

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poori	<i>Data from Yadav's poori experiment</i>
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**Description**

This dataset is used in the exercises of Chapter 3 from the textbook.

**Usage**

poori

**Format**

A data frame with 30 rows and 2 variables:

**score** Observed outcome

**group** Treatment condition. 1 = treatment, 0 = control

**Source**

Yadav, Monika. "Practicum Experiment: Analysis." Columbia University, 2020.

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rondeau	<i>Data from "Matching and Challenge Gifts to Charity: Evidence from Laboratory and Natural Field Experiments"</i>
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**Description**

This dataset is used in the exercises of Chapter 6 from the textbook.

**Usage**

rondeau

**Format**

A data frame with 3000 rows and 2 variables:

**treatype** Condition indicator where 0 is High Control, 1 is Challenge, 2 is Matching, and 3 is Low Control

**donation** Donation amount

**Source**

Rondeau, Daniel, and John A. List. "Matching and Challenge Gifts to Charity: Evidence from Laboratory and Natural Field Experiments." SSRN Electronic Journal, 23 May 2008, <https://doi.org/10.2139/ssrn.1136440>.

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sherman	<i>Data from "Deterrent Effects of Police Raids on Crack Houses: A Randomized, Controlled Experiment"</i>
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**Description**

This dataset is used in the exercises of Chapter 4 from the textbook.

**Usage**

sherman

**Format**

A data frame with 207 rows and 2 variables:

**treatment** Treatment indicator. 1 = treatment, 0 = control

**CFS\_after\_5weeks** Average crime reports in 5 weeks after treatment

**Source**

Sherman, Lawrence W., et al. "Deterrent Effects of Police Raids on Crack Houses: A Randomized, Controlled Experiment." Justice Quarterly, vol. 12, no. 4, 1995, pp. 755–781., <https://doi.org/10.1080/07418829500096281>.

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wrenlewis	<i>Data from "Formalizing land rights can reduce forest loss: Experimental evidence from Benin"</i>
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**Description**

This dataset is used in the exercises of Chapter 4 from the textbook.

**Usage**

wrenlewis

**Format**

A data frame with 102 rows and 3 variables:

**treated** Treatment indicator. 1 = treatment, 0 = control

**tcl\_area\_L\_from2010to2017** Hectares of forest loss 2010-2017

**tcl\_area\_L\_from2001to2009** Hectares of forest loss 2001-2009

**Source**

Wren-Lewis, Liam et al. "Formalizing land rights can reduce forest loss: Experimental evidence from Benin." *Science advances* vol. 6,26 eabb6914. 26 Jun. 2020, doi:10.1126/sciadv.abb6914

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youtube	<i>Data from Rahmani's YouTube experiment</i>
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**Description**

This dataset is used in the exercises of Chapter 3 from the textbook.

**Usage**

youtube

**Format**

A data frame with 30 rows and 2 variables:

**group** Treatment condition. 1 = treatment, 0 = control

**outcome** Observed outcome

**Source**

Rahmani, Bardia. "Practicum Experiment" Columbia University, 2020.

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