

Package ‘experimentr’

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Type Package

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

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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>.

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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>.

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.

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.

bruneau

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

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>.

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.

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>.

lynn

Data from "Effect of Server Posture on Restaurant Tipping"

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>.

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>.

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>.

murrar

Data from "Entertainment-education effectively reduces prejudice"

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>

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.

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.

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>.

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>.

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

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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