

Codebook for dog impulsivity systematic review data

Autogenerated data summary from dataReporter

2023-03-23 16:25:34

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	64
Number of variables	119

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	row	numeric	60	0.00 %	Row number from full data set
	author	character	56	0.00 %	Author name(s)
	year	numeric	15	0.00 %	Publication year
	title	character	59	0.00 %	Publication title
	journal	character	28	0.00 %	Journal name
	volume	numeric	39	3.12 %	Volume number
	issue	character	16	29.69 %	Issue number
	page	numeric	39	34.38 %	Page
	doi	character	56	9.38 %	Digital object identifier (DOI)
	excluded	numeric	5	0.00 %	Flag indicating reason for exclusion
	exclusion	numeric	5	0.00 %	Flag indicating reason for exclusion
	sample_size	numeric	13	73.44 %	Total sample size
	dog_type	character	6	73.44 %	Type of dog included in sample (pet, shelter, working, captive)
	sex	character	17	73.44 %	Dog sex ratio (males:females)
	neutered_status	character	7	90.62 %	Dog neuter status (neutered:intact)
	tasks	character	12	73.44 %	Tasks conducted in study
	dias	numeric	2	0.00 %	Flag indicating whether DIAS was administered (0=No, 1=Yes)
	correlate_a-1	character	12	73.44 %	Task and measure for first task in correlation
	correlate_b-1	character	9	73.44 %	Task and measure for second task in correlation
	effectsize_type-1	character	3	73.44 %	Type of effect size for correlation
	effectsize_value-1	numeric	18	73.44 %	Value of effect size for correlation
	n-1	character	15	73.44 %	Sample size for correlation

Label	Variable	Class	# unique values	Missing	Description
	reported_significant-1	character	3	73.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-2	character	9	81.25 %	Task and measure for first task in correlation
	correlate_b-2	character	10	81.25 %	Task and measure for second task in correlation
	effectsize_type-2	character	3	81.25 %	Type of effect size for correlation
	effectsize_value-2	numeric	13	81.25 %	Value of effect size for correlation
	n-2	character	12	81.25 %	Sample size for correlation
	reported_significant-2	character	3	81.25 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-3	character	8	87.50 %	Task and measure for first task in correlation
	correlate_b-3	character	8	87.50 %	Task and measure for second task in correlation
	effectsize_type-3	character	3	87.50 %	Type of effect size for correlation
	effectsize_value-3	numeric	9	87.50 %	Value of effect size for correlation
	n-3	character	9	87.50 %	Sample size for correlation
	reported_significant-3	character	3	87.50 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-4	character	5	93.75 %	Task and measure for first task in correlation
	correlate_b-4	character	5	93.75 %	Task and measure for second task in correlation
	effectsize_type-4	character	2	93.75 %	Type of effect size for correlation
	effectsize_value-4	numeric	5	93.75 %	Value of effect size for correlation
	n-4	numeric	5	93.75 %	Sample size for correlation
	reported_significant-4	character	2	93.75 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-5	character	5	93.75 %	Task and measure for first task in correlation
	correlate_b-5	character	5	93.75 %	Task and measure for second task in correlation
	effectsize_type-5	character	2	93.75 %	Type of effect size for correlation
	effectsize_value-5	numeric	5	93.75 %	Value of effect size for correlation
	n-5	numeric	5	93.75 %	Sample size for correlation
	reported_significant-5	character	2	93.75 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-6	character	4	95.31 %	Task and measure for first task in correlation
	correlate_b-6	character	4	95.31 %	Task and measure for second task in correlation
	effectsize_type-6	character	2	95.31 %	Type of effect size for correlation
	effectsize_value-6	numeric	4	95.31 %	Value of effect size for correlation
	n-6	numeric	4	95.31 %	Sample size for correlation
	reported_significant-6	character	2	95.31 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)

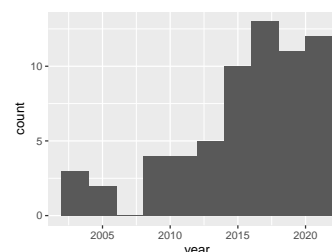
Label	Variable	Class	# unique values	Missing	Description
	correlate_a-7	character	3	96.88 %	Task and measure for first task in correlation
	correlate_b-7	character	3	96.88 %	Task and measure for second task in correlation
	effectsize_type-7	character	2	96.88 %	Type of effect size for correlation
	effectsize_value-7	numeric	3	96.88 %	Value of effect size for correlation
	n-7	numeric	3	96.88 %	Sample size for correlation
	reported_significant-7	character	3	96.88 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-8	character	3	96.88 %	Task and measure for first task in correlation
	correlate_b-8	character	3	96.88 %	Task and measure for second task in correlation
	effectsize_type-8	character	2	96.88 %	Type of effect size for correlation
	effectsize_value-8	numeric	3	96.88 %	Value of effect size for correlation
	n-8	numeric	3	96.88 %	Sample size for correlation
	reported_significant-8	character	3	96.88 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-9	character	3	96.88 %	Task and measure for first task in correlation
	correlate_b-9	character	3	96.88 %	Task and measure for second task in correlation
	effectsize_type-9	character	2	96.88 %	Type of effect size for correlation
	effectsize_value-9	numeric	3	96.88 %	Value of effect size for correlation
	n-9	numeric	3	96.88 %	Sample size for correlation
	reported_significant-9	character	3	96.88 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-10	character	3	96.88 %	Task and measure for first task in correlation
	correlate_b-10	character	3	96.88 %	Task and measure for second task in correlation
	effectsize_type-10	character	2	96.88 %	Type of effect size for correlation
	effectsize_value-10	numeric	3	96.88 %	Value of effect size for correlation
	n-10	numeric	3	96.88 %	Sample size for correlation
	reported_significant-10	character	2	96.88 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-11	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-11	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-11	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-11	numeric	2	98.44 %	Value of effect size for correlation
	n-11	numeric	2	98.44 %	Sample size for correlation
	reported_significant-11	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-12	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-12	character	2	98.44 %	Task and measure for second task in correlation

Label	Variable	Class	# unique values	Missing	Description
	effectsize_type-12	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-12	numeric	2	98.44 %	Value of effect size for correlation
	n-12	numeric	2	98.44 %	Sample size for correlation
	reported_significant-12	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-13	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-13	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-13	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-13	numeric	2	98.44 %	Value of effect size for correlation
	n-13	numeric	2	98.44 %	Sample size for correlation
	reported_significant-13	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-14	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-14	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-14	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-14	numeric	2	98.44 %	Value of effect size for correlation
	n-14	numeric	2	98.44 %	Sample size for correlation
	reported_significant-14	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-15	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-15	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-15	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-15	numeric	2	98.44 %	Value of effect size for correlation
	n-15	numeric	2	98.44 %	Sample size for correlation
	reported_significant-15	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-16	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-16	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-16	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-16	numeric	2	98.44 %	Value of effect size for correlation
	n-16	numeric	2	98.44 %	Sample size for correlation
	reported_significant-16	character	2	98.44 %	Flag indicating whether correlation was reported as significant (0=No, 1=Yes)
	correlate_a-17	character	2	98.44 %	Task and measure for first task in correlation
	correlate_b-17	character	2	98.44 %	Task and measure for second task in correlation
	effectsize_type-17	character	2	98.44 %	Type of effect size for correlation
	effectsize_value-17	numeric	2	98.44 %	Value of effect size for correlation
	n-17	numeric	2	98.44 %	Sample size for correlation

M.", "Müller, Corsin A.; Riemer, Stefanie; Virányi, Zsófia; Huber, Ludwig; Range, Friederike", "Marshall-Pescini S., Virányi Z., Range F.", "Mazumdar, Debasis; Mitra, Soma; Ghosh, Kuntal; Bhaumik, Kamales", "Miller, Holly C.; Bender, Charlotte", "Miller, Holly C.; Pattison, Kristina F.; DeWall, C. Nathan; Rayburn-Reeves, Rebecca; Zentall, Thomas R.", "Mongillo P., Scandurra A., Eatherington C.J., D'Amico B., Marinelli L.", "Neilands P., Kingsley-Smith O., Taylor A.H.", "Nguyen, Lydia T.; Mudar, Raksha A.; Chiang, Hsueh-Sheng; Schneider, Julie M.; Maguire, Mandy J.; Kraut, Michael A.; Hart, John Jr.", "Olsen, Mariana Rachel", "Ostojic, Ljerka; Clayton, Nicola S.", "Peremans K., Audenaert K., Coopman F., Blanckaert P., Jacobs F., Otte A., Verschooten F., Van Bree H., Van Heeringen K., Mertens J., Slegers G., Dierckx R.", "Peremans K., Vermeire S., Waelbers T., Vandermeulen E., Dobbeleir A., de Spiegeleer B., Audenaert K.", "Piotti, Patrizia; Satchell, Liam Paul; Lockhart, Tom Steven", "Range, Friederike; Brucks, Désirée; Virányi, Zsófia", "Riemer, Stefanie; Mills, Daniel S.; Wright, Hannah", "Salomons H., Smith K.C.M., Callahan-Beckel M., Callahan M., Levy K., Kennedy B.S., Bray E.E., Gnanadesikan G.E., Horschler D.J., Gruen M., Tan J., White P., vonHoldt B.M., MacLean E.L., Hare B.", "Salonen M., Mikkola S., Hakanen E., Sulkama S., Puurunen J., Lohi H.", "Sulkama S., Puurunen J., Salonen M., Mikkola S., Hakanen E., Araujo C., Lohi H.", "Suva L.J., Cooper A., Watts A.E., Ebetino F.H., Price J., Gaddy D.", "Tapp, P. Dwight; Siwak, Christina T.; Estrada, Jimena; Head, Elizabeth; Muggenburg, Bruce A.; Cotman, Carl W.; Milgram, Norton W.", "Tapp, Philip Dwight", "Tiira, Katriina; Tikkanen, Antti; Vainio, Outi", "Van Bourg, Joshua; Gilchrist, Rachel; Wynne, Clive D. L.", "Van Bourg, Joshua; Gunter, Lisa M.; Wynne, Clive D. L.", "Vernouillet, Alizée A. A.; Stiles, Laura R.; Andrew McCausland, J.; Kelly, Debbie M.", "Wobber, Victoria; Hareb, Brian", "Wright, Hannah F.; Mills, Daniel S.; Pollux, Petra M. J.".

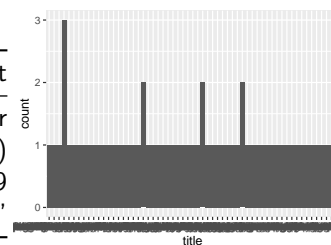
year

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	15
Median	2017
1st and 3rd quartiles	2014; 2019.25
Min. and max.	2003; 2022



title

Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	59
Mode	"A spatial discounting test to assess impulsivity in dogs."

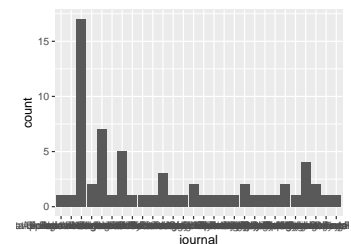


- Observed factor levels: "A comparison of rating and coding behavioural traits in dogs", "A DOG filter model of the occurrence of Mach bands on spatial contrast discontinuities.", "A rapid serial reversal learning assessment for age-related cognitive deficits in pet dogs.", "A spatial discounting test to assess impulsivity in dogs.", "Adaptive spatial working memory assessments for aging pet dogs.", "Any reward will do: Effects of a reverse-reward contingency on size preference with pet dogs (Canis lupus familiaris).", "Are animal-assisted activity dogs different from pet dogs? A comparison of their sociocognitive abilities.", "Associations among behavioral inhibition and owner-rated attention, hyperactivity/impulsivity, and personality in the domestic dog (Canis familiaris).", "Behavioural and physiological correlates of impulsivity in the domestic dog (Canis familiaris).", "Behavioural coordination of dogs in a cooperative problem-solving task with a conspecific and a human partner.", "Bisphosphonates in veterinary medicine:

The new horizon for use", "Brain SPECT in the impulsive aggressive dog", "Canine hyperactivity, impulsivity, and inattention share similar demographic risk factors and behavioural comorbidities with human ADHD", "Cognitive characteristics of 8- to 10-week-old assistance dog puppies.", "Context specificity of inhibitory control in dogs.", "Cooperative Communication with Humans Evolved to Emerge Early in Domestic Dogs", "Development of a spatial discount task to measure impulsive choices in dogs", "Development of the dog executive function scale (defs) for adult dogs.", "Differences in Trait Impulsivity Indicate Diversification of Dog Breeds into Working and Show Lines", "Does increased task difficulty reveal individual differences in executive function in the domestic dog?", "Does the A-not-B error in adult pet dogs indicate sensitivity to human communication?", "Dog cognitive development: A longitudinal study across the first 2 years of life.", "Dogs and wolves do not differ in their inhibitory control abilities in a non-social test battery.", "Dogs Exhibiting High Levels of Aggressive Reactivity Show Impaired Self-Control Abilities", "Dogs wait longer for better rewards than wolves in a delay of gratification task: But why?", "Dogs' reaction to inequity is affected by inhibitory control", "Dogs' insensitivity to scaffolding behaviour in an A-not-B task provides support for the theory of natural pedagogy", "Domesticated dogs (Canis familiaris) react to what others can and cannot hear.", "Effect of sex and reproductive status on inhibitory control and social cognition in the domestic dog (Canis familiaris)", "Estimates of regional cerebral blood flow and 5-HT_{2A} receptor density in impulsive, aggressive dogs with 99mTc-ECD and 123I-5-I-R91150", "Factors associated with long-term success in working police dogs.", "Features of differential inhibition in choice between alimentary and defensive response", "Impulsive for life? The nature of long-term impulsivity in domestic dogs.", "Impulsivity and behaviour problems in dogs: A Reinforcement Sensitivity Theory perspective.", "Increasing arousal enhances inhibitory control in calm but not excitable dogs.", "Individual performance across motoric self-regulation tasks are not correlated for pet dogs.", "Inhibitory control, but not prolonged object-related experience appears to affect physical problem-solving performance of pet dogs.", "Inhibitory control, concept abstraction, and maintenance and manipulation processes: Executive dysfunction and frontal lobe cortical atrophy in a canine model of aging.", "Inhibitory control—Important trait for explosive detection performance in police dogs?", "Is previous experience important for inhibitory control? A comparison between shelter and pet dogs in A-not-B and cylinder tasks.", "Measures of dogs' inhibitory control abilities do not correlate across tasks", "Measures of dogs' inhibitory control abilities do not correlate across tasks.", "Motoric self-regulation by sled dogs and pet dogs and the acute effect of carbohydrate source in sled dogs.", "Neurobehavioral evidence for individual differences in canine cognitive control: An awake fMRI study.", "Owner reports of attention, activity, and impulsivity in dogs: A replication study.", "Perceived effects of dog-training programmes in correctional settings.", "Personality traits associate with behavioral problems in pet dogs", "Reward type and behavioural patterns predict dogs' success in a delay of gratification paradigm", "Self-control without a 'self'? Common self-control processes in humans and dogs.", "Size and reversal learning in the beagle dog as a measure of executive function and inhibitory control in aging.", "Testing the social dog hypothesis: Are dogs also more skilled than chimpanzees in non-communicative social tasks?", "The breakfast effect: Dogs (Canis familiaris) search more accurately when they are less hungry.", "The development of problem-solving abilities in a population of candidate detection dogs (Canis familiaris).", "The effect of domestication on inhibitory control: Wolves and dogs compared", "Theta and alpha alterations in amnesic mild cognitive impairment in semantic Go/NoGo tasks.", "Tolerance to delayed reward tasks in social and non-social contexts.", "Training improves inhibitory control in water rescue dogs.", "Waiting for more: The performance of domestic dogs (Canis familiaris) on exchange tasks.", "Working memory and inhibition in 7.5-week-old Seeing Eye Dog puppies."

journal

Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	28
Mode	"Animal Cognition"

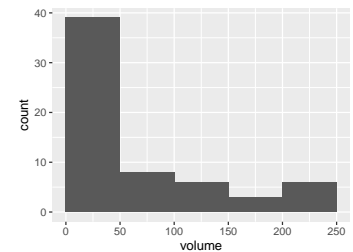


- Observed factor levels: "Acta Biologica Hungarica", "Animal Behaviour", "Animal Cognition", "Animals", "Applied Animal Behaviour Science", "Behavioral And Brain Functions", "Behavioural Processes", "Biological Cybernetics",

"Bone", "Current Biology", "Dissertation Abstracts International: Section B: The Sciences And Engineering", "European Journal Of Nuclear Medicine And Molecular Imaging", "Frontiers In Aging Neuroscience", "Frontiers In Psychology", "Frontiers In Veterinary Science", "Journal Of Comparative Psychology", "Journal Of Forensic Practice", "Journal Of Veterinary Behavior: Clinical Applications And Research", "Learning & Behavior", "Learning & Memory", "Pet And Spect In Psychiatry", "Physiology & Behavior", "Plos One", "Psychological Science", "Scientific Reports", "Translational Psychiatry", "Zhurnal Vysshei Nervnoi Deyatelnosti Imeni I P Pavlova", "Zhurnal Vysshei Nervnoi Deyatelnosti Imeni I.p. Pavlova".

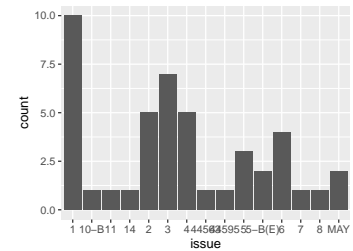
volume

Feature	Result
Variable type	numeric
Number of missing obs.	2 (3.12 %)
Number of unique values	38
Median	23
1st and 3rd quartiles	12.75; 88.5
Min. and max.	6; 241



issue

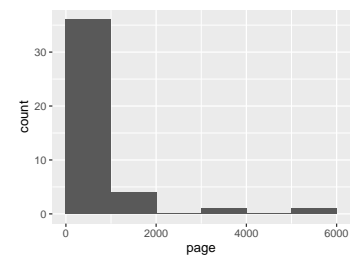
Feature	Result
Variable type	character
Number of missing obs.	19 (29.69 %)
Number of unique values	15
Mode	"1"



- Observed factor levels: "1", "10-B", "11", "14", "2", "3", "4", "44563", "44595", "5", "5-B(E)", "6", "7", "8", "MAY".

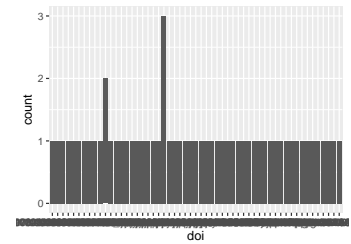
page

Feature	Result
Variable type	numeric
Number of missing obs.	22 (34.38 %)
Number of unique values	38
Median	433
1st and 3rd quartiles	83.75; 721.75
Min. and max.	1; 5270



doi

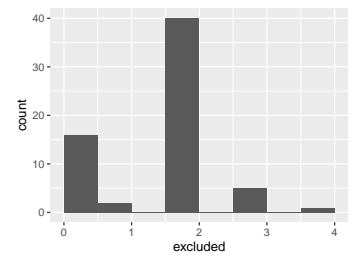
Feature	Result
Variable type	character
Number of missing obs.	6 (9.38 %)
Number of unique values	55
Mode	"10.1016/j.applanim.2018.01.003"



- Observed factor levels: "10.1007/978-3-642-40384-2_26", "10.1007/s00259-003-1250-x", "10.1007/s00422-016-0683-9", "10.1007/s10071-011-0437-y", "10.1007/s10071-012-0481-2", "10.1007/s10071-013-0633-z", "10.1007/s10071-013-0676-1", "10.1007/s10071-013-0701-4", "10.1007/s10071-015-0901-1", "10.1007/s10071-016-0983-4", "10.1007/s10071-016-1024-z", "10.1007/s10071-018-1216-9", "10.1007/s10071-018-1224-9", "10.1007/s10071-019-01285-y", "10.1007/s10071-020-01346-7", "10.1007/s10071-020-01387-y", "10.1007/s10071-020-01443-7", "10.1007/s10071-020-01447-3", "10.1007/s10071-022-01629-1", "10.1016/j.anbehav.2020.05.019", "10.1016/j.applanim.2010.06.002", "10.1016/j.applanim.2018.01.003", "10.1016/j.applanim.2018.07.003", "10.1016/j.applanim.2020.104942", "10.1016/j.applanim.2021.105394", "10.1016/j.beproc.2009.04.003", "10.1016/j.beproc.2012.09.012", "10.1016/j.beproc.2016.06.011", "10.1016/j.beproc.2018.03.012", "10.1016/j.beproc.2021.104375", "10.1016/j.bone.2020.115711", "10.1016/j.cub.2021.06.051", "10.1016/j.jveb.2017.12.001", "10.1016/j.physbeh.2011.09.019", "10.1037/com0000151", "10.1038/s41398-021-01626-x", "10.1038/s41398-022-01841-0", "10.1038/s41598-017-16087-w", "10.1038/s41598-020-79557-8", "10.1038/srep22162", "10.1038/srep42459", "10.1101/lm.54403", "10.1108/JFP-08-2013-0041", "10.1177/0956797610364968", "10.1186/1744-9081-6-1", "10.1371/journal.pone.0118469", "10.1371/journal.pone.0147753", "10.1556/ABiol.66.2015.1.3", "10.3389/fnagi.2017.00160", "10.3389/fpsyg.2017.00849", "10.3389/fvets.2022.869068", "10.3390/ani11082448", "10.3390/ani9070469", "10.3758/s13420-018-0343-0", "10.3758/s13420-018-0354-x".

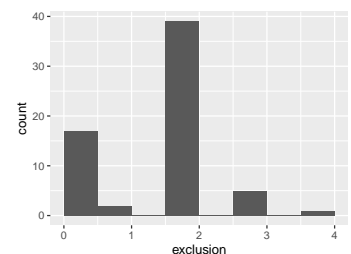
excluded

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	5
Median	2
1st and 3rd quartiles	0.75; 2
Min. and max.	0; 4



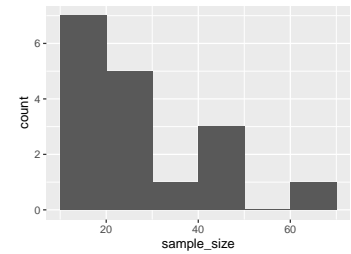
exclusion

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	5
Median	2
1st and 3rd quartiles	0; 2
Min. and max.	0; 4



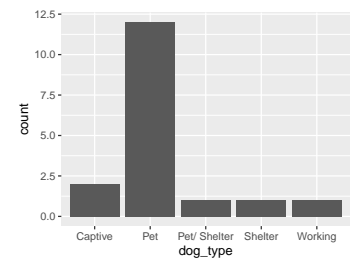
sample_size

Feature	Result
Variable type	numeric
Number of missing obs.	47 (73.44 %)
Number of unique values	12
Median	23
1st and 3rd quartiles	15; 34
Min. and max.	13; 67



dog_type

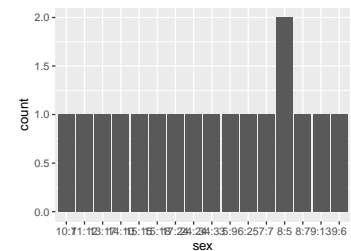
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	5
Mode	"Pet"



- Observed factor levels: "Captive", "Pet", "Pet/ Shelter", "Shelter", "Working".

sex

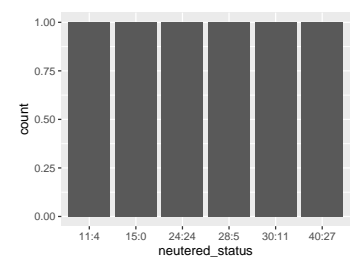
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	16
Mode	"8:5"



- Observed factor levels: "10:7", "11:12", "13:17", "14:10", "15:15", "15:18", "17:24", "24:24", "34:33", "5:9", "6:25", "7:7", "8:5", "8:7", "9:13", "9:6".

neutered_status

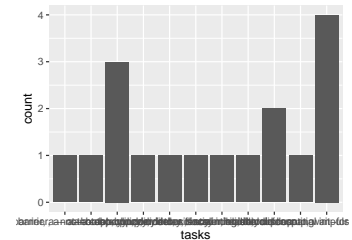
Feature	Result
Variable type	character
Number of missing obs.	58 (90.62 %)
Number of unique values	6
Mode	"11:4"



- Observed factor levels: "11:4", "15:0", "24:24", "28:5", "30:11", "40:27".

tasks

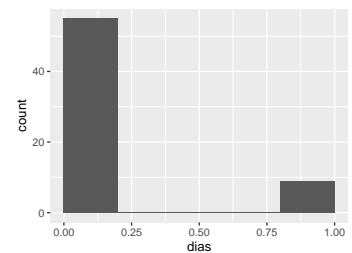
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	11
Mode	"spatial impulsivity"



- Observed factor levels: "a-not-b barrier, a-not-b cup, cylinder", "a-not-b barrier, a-not-b cup, cylinder, detour fence", "a-not-b cup, cylinder", "a-not-b cup, cylinder, sit-stay", "a-not-b cup, cylinder, social inhibition", "box, buzzer, delay discounting, middle cup", "box, buzzer, middle cup", "cylinder, detour fence", "delay discounting", "leash, middle cup, wait-for-treat", "spatial impulsivity".

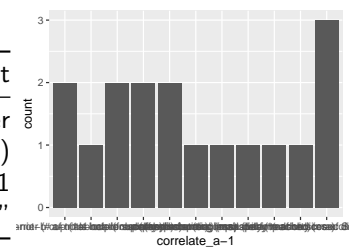
dias

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	2
Median	0
1st and 3rd quartiles	0; 0
Min. and max.	0; 1



correlate_a-1

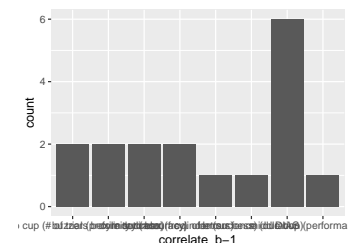
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	11
Mode	"spatial impulsivity (max. distance travelled)"



- Observed factor levels: "a-not-b barrier (# of trials before success)", "a-not-b cup (1st location searched)", "a-not-b cup (freq. of errors)", "a-not-b cup (perseveration)", "box (freq. of errors)", "cylinder (success)", "delay discounting (max delay reached)", "delay discounting (max. delay reached in seconds)", "leash (performance score)", "spatial impulsivity (% of choices of S+ in test phase)", "spatial impulsivity (max. distance travelled)".

correlate_b-1

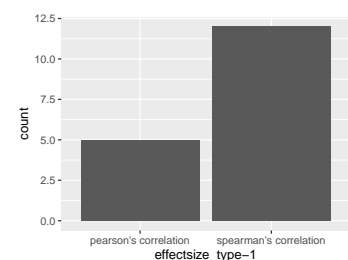
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	8
Mode	"DIAS"



- Observed factor levels: "a-not-b cup (# of trials before success)", "buzzer (proximity to box)", "cylinder (accuracy)", "cylinder (freq. of errors)", "cylinder (success)", "detour fence (duration)", "DIAS", "middle cup (performance score)".

effectsize_type-1

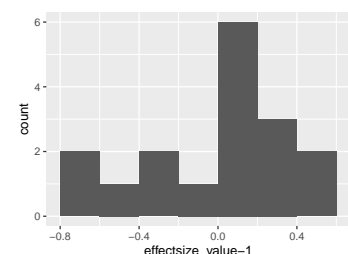
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	2
Mode	"spearman's correlation"



- Observed factor levels: "pearson's correlation", "spearman's correlation".

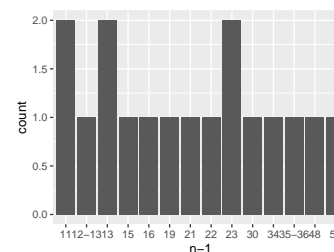
effectsize_value-1

Feature	Result
Variable type	numeric
Number of missing obs.	47 (73.44 %)
Number of unique values	17
Median	0.12
1st and 3rd quartiles	-0.22; 0.23
Min. and max.	-0.65; 0.6



n-1

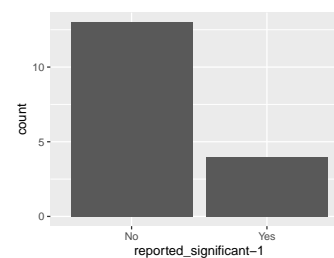
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	14
Mode	"11"



- Observed factor levels: "11", "12-13", "13", "15", "16", "19", "21", "22", "23", "30", "34", "35-36", "48", "57".

reported_significant-1

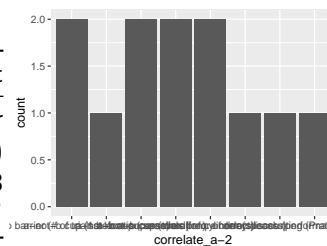
Feature	Result
Variable type	character
Number of missing obs.	47 (73.44 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-2

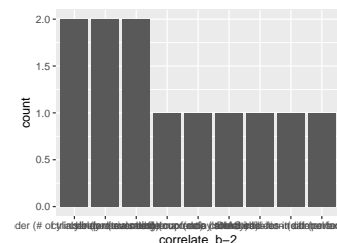
Feature	Result
Variable type	character
Number of missing obs.	52 (81.25 %)
Number of unique values	8
Mode	"a-not-b barrier (# of trials before success)"



- Observed factor levels: "a-not-b barrier (# of trials before success)", "a-not-b cup (1st location searched)", "a-not-b cup (perseveration)", "a-not-b cup (trials before correct)", "box (freq. of errors)", "cylinder (success)", "delay discounting (Prate)", "leash (performance score)".

correlate_b-2

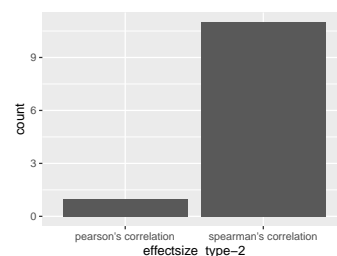
Feature	Result
Variable type	character
Number of missing obs.	52 (81.25 %)
Number of unique values	9
Mode	"cylinder (# of trials before success)"



- Observed factor levels: "cylinder (# of trials before success)", "cylinder (perseveration)", "cylinder (trials before correct)", "delay discounting (max. delay tolerated)", "detour fence (latency)", "DIAS", "middle cup (ratio correct choices in control/experimental)", "social inhibition (difference score)", "wait-for-treat (performance score)".

effectsize_type-2

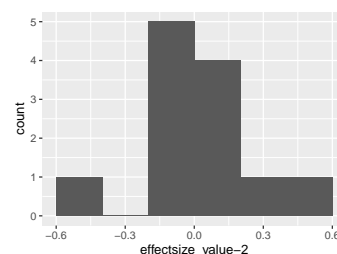
Feature	Result
Variable type	character
Number of missing obs.	52 (81.25 %)
Number of unique values	2
Mode	"spearman's correlation"



- Observed factor levels: "pearson's correlation", "spearman's correlation".

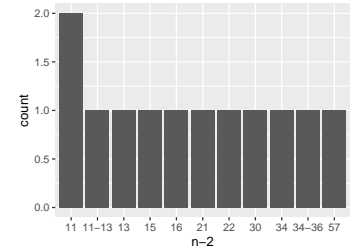
effectsize_value-2

Feature	Result
Variable type	numeric
Number of missing obs.	52 (81.25 %)
Number of unique values	12
Median	-0.02
1st and 3rd quartiles	-0.11; 0.14
Min. and max.	-0.45; 0.45



n-2

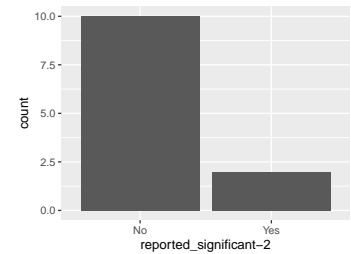
Feature	Result
Variable type	character
Number of missing obs.	52 (81.25 %)
Number of unique values	11
Mode	"11"



- Observed factor levels: "11", "11-13", "13", "15", "16", "21", "22", "30", "34", "34-36", "57".

reported_significant-2

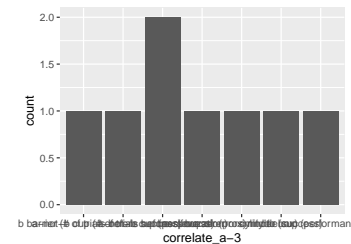
Feature	Result
Variable type	character
Number of missing obs.	52 (81.25 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-3

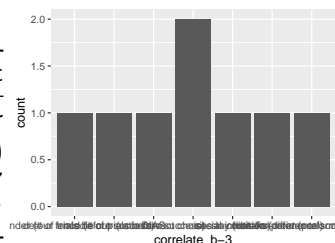
Feature	Result
Variable type	character
Number of missing obs.	56 (87.5 %)
Number of unique values	7
Mode	"a-not-b cup (perseveration)"



- Observed factor levels: "a-not-b barrier (# of trials before success)", "a-not-b cup (# of trials before success)", "a-not-b cup (perseveration)", "box (freq. of errors)", "buzzer (proximity to box)", "cylinder (success)", "middle cup (performance score)".

correlate_b-3

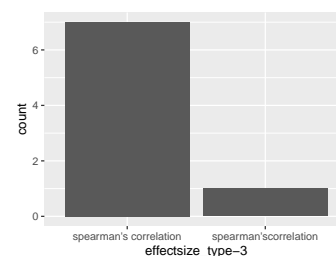
Feature	Result
Variable type	character
Number of missing obs.	56 (87.5 %)
Number of unique values	7
Mode	"middle cup (ratio correct choices in control/experimental)"



- Observed factor levels: "cylinder (# of trials before success)", "detour fence (# of trials before success)", "DIAS", "middle cup (ratio correct choices in control/experimental)", "sit-stay (breaks)", "social inhibition (difference score)", "wait-for-treat (performance score)".

effectsize_type-3

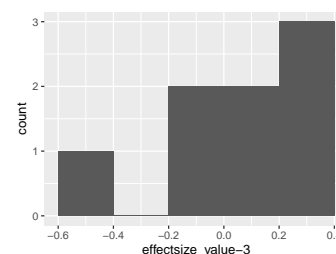
Feature	Result
Variable type	character
Number of missing obs.	56 (87.5 %)
Number of unique values	2
Mode	"spearman's correlation"



- Observed factor levels: "spearman's correlation", "spearman'scorrelation".

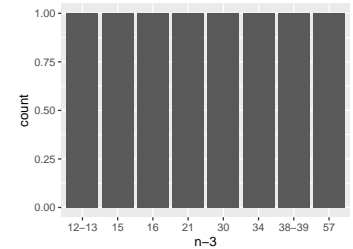
effectsize_value-3

Feature	Result
Variable type	numeric
Number of missing obs.	56 (87.5 %)
Number of unique values	8
Median	0.06
1st and 3rd quartiles	-0.06; 0.29
Min. and max.	-0.45; 0.4



n-3

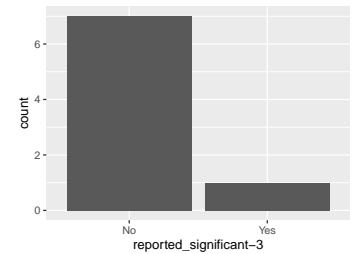
Feature	Result
Variable type	character
Number of missing obs.	56 (87.5 %)
Number of unique values	8
Mode	"12-13"



- Observed factor levels: "12-13", "15", "16", "21", "30", "34", "38-39", "57".

reported_significant-3

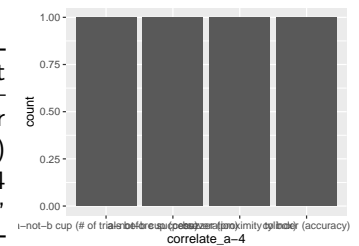
Feature	Result
Variable type	character
Number of missing obs.	56 (87.5 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-4

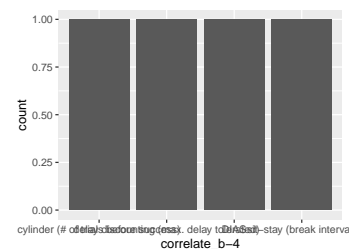
Feature	Result
Variable type	character
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Mode	"a-not-b cup (# of trials before success)"



- Observed factor levels: "a-not-b cup (# of trials before success)", "a-not-b cup (perseveration)", "buzzer (proximity to box)", "cylinder (accuracy)".

correlate_b-4

Feature	Result
Variable type	character
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Mode	"cylinder (# of trials before success)"



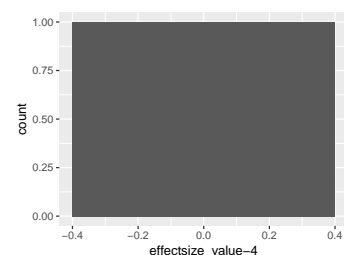
- Observed factor levels: "cylinder (# of trials before success)", "delay discounting (max. delay tolerated)", "DIAS", "sit-stay (break interval)".

effectsize_type-4

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 93.75 % missing observations.

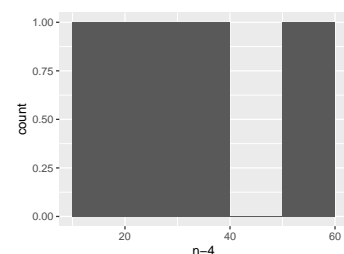
effectsize_value-4

Feature	Result
Variable type	numeric
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Median	-0.07
1st and 3rd quartiles	-0.21; 0.08
Min. and max.	-0.39; 0.28



n-4

Feature	Result
Variable type	numeric
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Median	27.5
1st and 3rd quartiles	19.5; 39.75
Min. and max.	15; 57

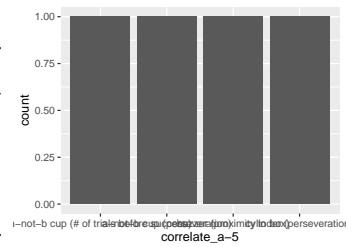


reported_significant-4

- The variable only takes one (non-missing) value: "No". The variable contains 93.75 % missing observations.

correlate_a-5

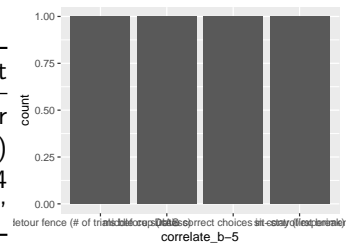
Feature	Result
Variable type	character
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Mode	"a-not-b cup (# of trials before success)"



- Observed factor levels: "a-not-b cup (# of trials before success)", "a-not-b cup (perseveration)", "buzzer (proximity to box)", "cylinder (perseveration)".

correlate_b-5

Feature	Result
Variable type	character
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Mode	"detour fence (# of trials before success)"



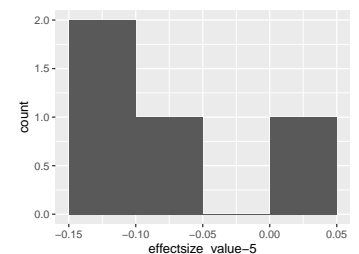
- Observed factor levels: "detour fence (# of trials before success)", "DIAS", "middle cup (ratio correct choices in control/experimental)", "sit-stay (first break)".

effectsize_type-5

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 93.75 % missing observations.

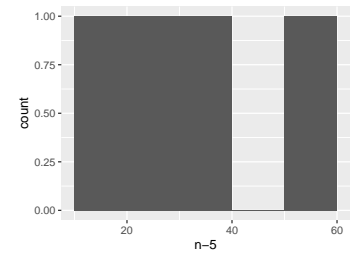
effectsize_value-5

Feature	Result
Variable type	numeric
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Median	-0.09
1st and 3rd quartiles	-0.13; -0.03
Min. and max.	-0.15; 0.05



n-5

Feature	Result
Variable type	numeric
Number of missing obs.	60 (93.75 %)
Number of unique values	4
Median	27.5
1st and 3rd quartiles	19.5; 39.75
Min. and max.	15; 57

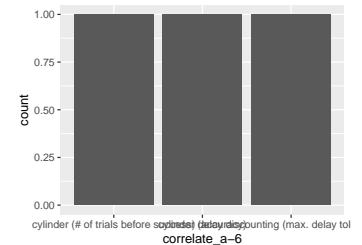


reported_significant-5

- The variable only takes one (non-missing) value: "No". The variable contains 93.75 % missing observations.

correlate_a-6

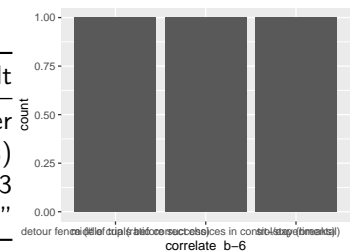
Feature	Result
Variable type	character
Number of missing obs.	61 (95.31 %)
Number of unique values	3
Mode	"cylinder (# of trials before success)"



- Observed factor levels: "cylinder (# of trials before success)", "cylinder (accuracy)", "delay discounting (max. delay tolerated)".

correlate_b-6

Feature	Result
Variable type	character
Number of missing obs.	61 (95.31 %)
Number of unique values	3
Mode	"detour fence (# of trials before success)"



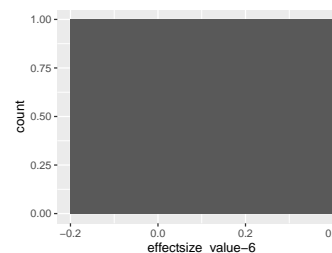
- Observed factor levels: "detour fence (# of trials before success)", "middle cup (ratio correct choices in control/experimental)", "sit-stay (breaks)".

effectsize_type-6

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 95.31 % missing observations.

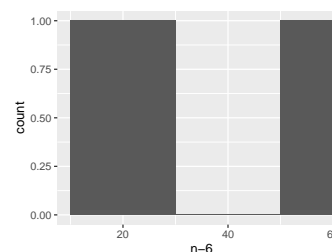
effectsize_value-6

Feature	Result
Variable type	numeric
Number of missing obs.	61 (95.31 %)
Number of unique values	3
Median	0.07
1st and 3rd quartiles	-0.01; 0.23
Min. and max.	-0.09; 0.39



n-6

Feature	Result
Variable type	numeric
Number of missing obs.	61 (95.31 %)
Number of unique values	3
Median	21
1st and 3rd quartiles	18; 39
Min. and max.	15; 57

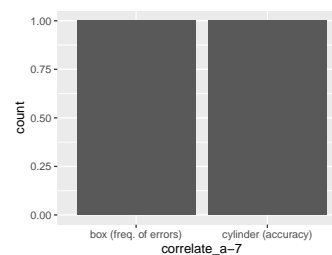


reported_significant-6

- The variable only takes one (non-missing) value: "No". The variable contains 95.31 % missing observations.

correlate_a-7

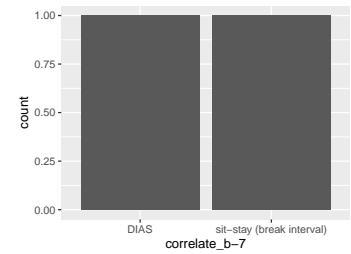
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"box (freq. of errors)"



- Observed factor levels: "box (freq. of errors)", "cylinder (accuracy)".

correlate_b-7

Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"DIAS"



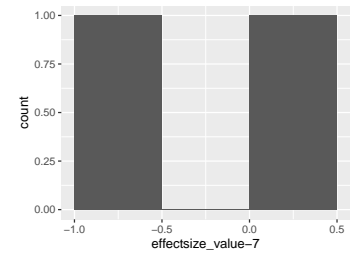
- Observed factor levels: "DIAS", "sit-stay (break interval)".

effectsize_type-7

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 96.88 % missing observations.

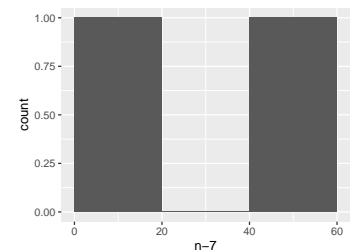
effectsize_value-7

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	-0.18
1st and 3rd quartiles	-0.35; -0.02
Min. and max.	-0.52; 0.15



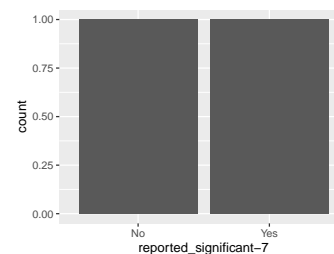
n-7

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	36
1st and 3rd quartiles	25.5; 46.5
Min. and max.	15; 57



reported_significant-7

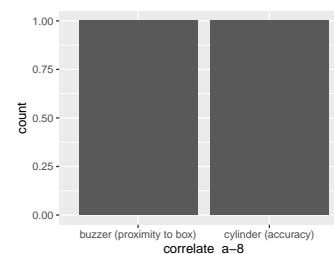
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-8

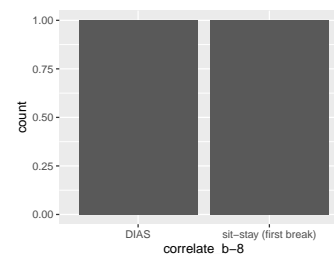
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"buzzer (proximity to box)"



- Observed factor levels: "buzzer (proximity to box)", "cylinder (accuracy)".

correlate_b-8

Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"DIAS"



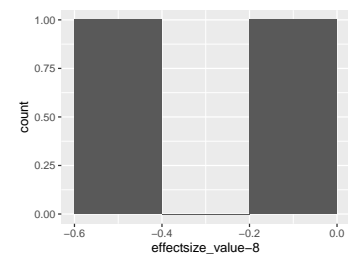
- Observed factor levels: "DIAS", "sit-stay (first break)".

effectsize_type-8

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 96.88 % missing observations.

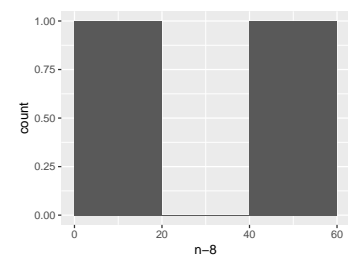
effectsize_value-8

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	-0.32
1st and 3rd quartiles	-0.43; -0.21
Min. and max.	-0.54; -0.1



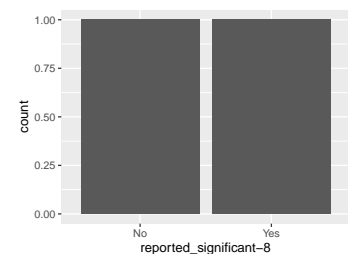
n-8

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	36
1st and 3rd quartiles	25.5; 46.5
Min. and max.	15; 57



reported_significant-8

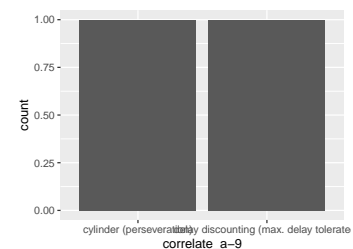
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-9

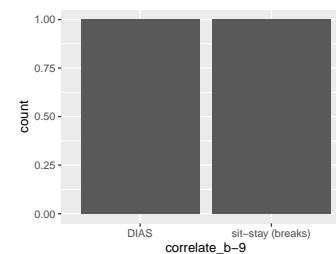
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"cylinder (perseveration)"



- Observed factor levels: "cylinder (perseveration)", "delay discounting (max. delay tolerated)".

correlate_b-9

Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"DIAS"



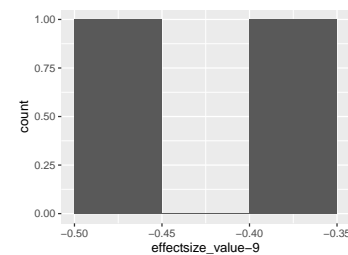
- Observed factor levels: "DIAS", "sit-stay (breaks)".

effectsize_type-9

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 96.88 % missing observations.

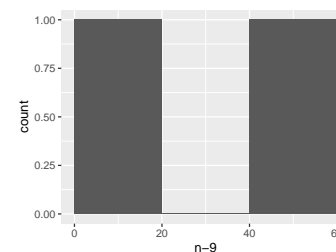
effectsize_value-9

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	-0.44
1st and 3rd quartiles	-0.47; -0.42
Min. and max.	-0.5; -0.39



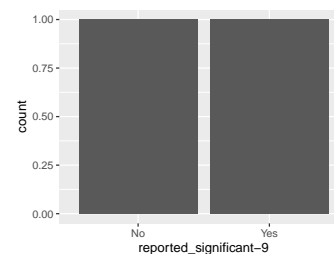
n-9

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	36
1st and 3rd quartiles	25.5; 46.5
Min. and max.	15; 57



reported_significant-9

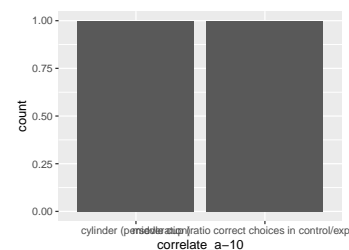
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"No"



- Observed factor levels: "No", "Yes".

correlate_a-10

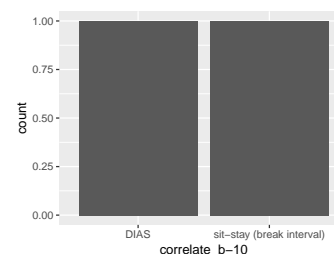
Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"cylinder (perseveration)"



- Observed factor levels: "cylinder (perseveration)", "middle cup (ratio correct choices in control/experimental)".

correlate_b-10

Feature	Result
Variable type	character
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Mode	"DIAS"



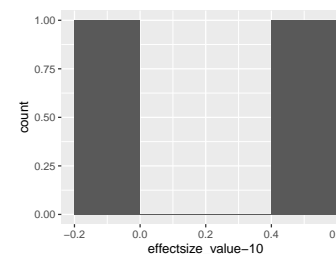
- Observed factor levels: "DIAS", "sit-stay (break interval)".

effectsize_type-10

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 96.88 % missing observations.

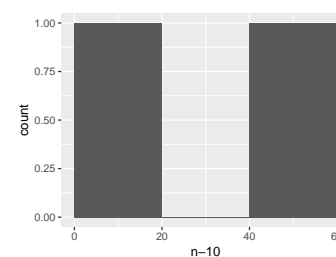
effectsize_value-10

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	0.22
1st and 3rd quartiles	0.1; 0.33
Min. and max.	-0.01; 0.44



n-10

Feature	Result
Variable type	numeric
Number of missing obs.	62 (96.88 %)
Number of unique values	2
Median	36
1st and 3rd quartiles	25.5; 46.5
Min. and max.	15; 57



reported_significant-10

- The variable only takes one (non-missing) value: "No". The variable contains 96.88 % missing observations.

correlate_a-11

- The variable only takes one (non-missing) value: "cylinder (perseveration)". The variable contains 98.44 % missing observations.

correlate_b-11

- The variable only takes one (non-missing) value: "sit-stay (first break)". The variable contains 98.44 % missing observations.

effectsize_type-11

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.

effectsize_value-11

- The variable only takes one (non-missing) value: "0.61". The variable contains 98.44 % missing observations.
-

n-11

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-11

- The variable only takes one (non-missing) value: "Yes". The variable contains 98.44 % missing observations.
-

correlate_a-12

- The variable only takes one (non-missing) value: "a-not-b cup (perseveration)". The variable contains 98.44 % missing observations.
-

correlate_b-12

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-12

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-12

- The variable only takes one (non-missing) value: "0.61". The variable contains 98.44 % missing observations.
-

n-12

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-12

- The variable only takes one (non-missing) value: "Yes". The variable contains 98.44 % missing observations.
-

correlate_a-13

- The variable only takes one (non-missing) value: "cylinder (accuracy)". The variable contains 98.44 % missing observations.
-

correlate_b-13

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-13

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-13

- The variable only takes one (non-missing) value: "0.23". The variable contains 98.44 % missing observations.
-

n-13

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-13

- The variable only takes one (non-missing) value: "No". The variable contains 98.44 % missing observations.
-

correlate_a-14

- The variable only takes one (non-missing) value: "cylinder (perseveration)". The variable contains 98.44 % missing observations.
-

correlate_b-14

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-14

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-14

- The variable only takes one (non-missing) value: "-0.21". The variable contains 98.44 % missing observations.
-

n-14

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-14

- The variable only takes one (non-missing) value: "No". The variable contains 98.44 % missing observations.
-

correlate_a-15

- The variable only takes one (non-missing) value: "sit-stay (breaks)". The variable contains 98.44 % missing observations.
-

correlate_b-15

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-15

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-15

- The variable only takes one (non-missing) value: "0.48". The variable contains 98.44 % missing observations.
-

n-15

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-15

- The variable only takes one (non-missing) value: "No". The variable contains 98.44 % missing observations.
-

correlate_a-16

- The variable only takes one (non-missing) value: "sit-stay (break interval)". The variable contains 98.44 % missing observations.
-

correlate_b-16

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-16

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-16

- The variable only takes one (non-missing) value: "-0.14". The variable contains 98.44 % missing observations.
-

n-16

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-16

- The variable only takes one (non-missing) value: "No". The variable contains 98.44 % missing observations.
-

correlate_a-17

- The variable only takes one (non-missing) value: "sit-stay (first break)". The variable contains 98.44 % missing observations.
-

correlate_b-17

- The variable only takes one (non-missing) value: "DIAS". The variable contains 98.44 % missing observations.
-

effectsize_type-17

- The variable only takes one (non-missing) value: "spearman's correlation". The variable contains 98.44 % missing observations.
-

effectsize_value-17

- The variable only takes one (non-missing) value: "-0.1". The variable contains 98.44 % missing observations.
-

n-17

- The variable only takes one (non-missing) value: "15". The variable contains 98.44 % missing observations.
-

reported_significant-17

- The variable only takes one (non-missing) value: "No". The variable contains 98.44 % missing observations.
-

Report generation information:

- Created by: Jeffrey R. Stevens (username: jstevens).
- Report creation time: Thu Mar 23 2023 16:25:34

- Report was run from directory: /media/jstevens/data/jstevens/OneDrive/active_sync/projects/dogimpulsivitymeta
- dataReporter v1.0.2 [Pkg: 2021-11-11 from RSPM (R 4.2.0)]
- R version 4.2.3 (2023-03-15).
- Platform: x86_64-pc-linux-gnu (64-bit)(Ubuntu 22.04.2 LTS).
- Function call: `dataReporter::makeDataReport(data = codebook_data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "barela_etal_2023_codebook.Rmd", replace = TRUE, checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for dog impulsivity systematic review data")`