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# CDSIG-Schema

CDSIG

Jul 19, 2021



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## STUDY INFORMATION

Information about the study

<a href="https://github.com/cdsig/CDSIG-Schema/blob/main/study.json">https://github.com/cdsig/CDSIG-Schema/blob/main/study.json</a>				
type		object		
properties				
• name	Study name.			
	type	string		
• uuid	MD5 hash generated from the name field.			
	type	string		
• prereg_doi	DOI (Digital Object Identifier) of pre-registration document describing data collection.			
	type	string		
• clinical_trial	Is this a registered clinical trial?			
	type	boolean		
• description	Short description of the study.			
	type	string		
• sample	Short description of the study sample.			
	type	string		
• sam- ple_groups	Description of the sample group(s).			
	type	object		
	properties			
	• name	Name of group.		
		type	string	
	• description	Description of sample group.		
		type	string	
	• label	Label of sample group.		
		type	integer	
	• group_size	Group size.		
		type	integer	
		minimum	1	
	• inclu- sion_criteria	Inclusion criteria for sample group.		
		type	array	
		items	type	string
		minItems	0	
• exclu- sion_criteria	Exclusion criteria for sample group.			
	type	array		
	items	type	string	
	minItems	0		
• intervention	Short description of the study intervention, if any.			
	type	string		
• keywords	Key words describing the study.			

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	type	array		
	items	type	string	
	minItems	3		
<div>• contributors</div>	#/definitions/person			
if	properties			
	<div>• clinical_trial</div>	const	True	
then	properties			
	<div>• clinical_trial_id</div>	Clinical trial identifier.		
		type	string	
definitions				
<div>• person</div>	type	object		
	properties			
	<div>• name</div>	type	string	
		<div>• role</div> <div>Role ID according to the Contributor Role Ontology (<a href="https://www.ebi.ac.uk/ols/ontologies/cro">https://www.ebi.ac.uk/ols/ontologies/cro</a>)</div>		
		type	string	
		pattern	^((CRO_[0-9]{7}))(CREDIT_[0-9]{8}))\$	
	<div>• email</div>	type	string	
		format	idn-email	
	<div>• orcid</div>	ORCID identifier		
		type	string	
		pattern	^[0-9]{4}-[0-9]{4}-[0-9]{4}-[0-9]{4}\$	
	<div>• institution</div>	type	object	
		properties		
		<div>• name</div>	type	string
		<div>• street_address</div>	type	string
		<div>• city</div>	type	string
		<div>• country</div>	type	string

## DATASET INFORMATION

Information about the dataset

<a href="https://github.com/cdsig/CDSIG-Schema/blob/main/dataset.json">https://github.com/cdsig/CDSIG-Schema/blob/main/dataset.json</a>			
type		object	
properties			
• name	Dataset name.		
	type	string	
• uuid	MD5 hash generated from the name field.		
	type	string	
• license	License of the dataset.		
	type	string	
• doi	DOI (Digital Object Identifier) of dataset.		
	type	string	
• linked_doi	DOI (Digital Object Identifier) of associated objects.		
	type	array	
	items	type	string
	minItems	1	
• description	Short description of the dataset.		
	type	string	
• instructions	Description of the instructions that were given to the study participants prior to or during this data set.		
	type	object	
	properties		
	• verbatim_instructions	Verbatim instructions given to participant.	
		type	string
	• wear_time	Number of days the participants were instructed to wear the actigraph. Fractional values are allowed.	
		type	number
minimum		0	
• contributors	#/definitions/person		
• data_set	Information about the data set effort.		
	type	object	
	properties		
	• period	Time period during which the data collection has been performed.	
		type	object
		properties	
		•	Start date-time for the data collection.

start\_date\_time

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Table 1 – continued from previous page

			type	string	
			format	date-time	
		• ongoing	Indicate if the data collection is still ongoing.		
			type	boolean	
		if	properties		
			• ongoing	const	True
		then	properties		
			• stop_date_time	Stop date-time for the data collection.	
type	string				
		format	date-time		
if	properties				
	• clinical_trial	const	True		
then	properties				
	• clinical_trial_id	Clinical trial identifier.			
		type	string		
definitions					
• person	type	object			
	properties				
	• name	type	string		
	• role	Role ID according to the Contributor Role Ontology ( <a href="https://www.ebi.ac.uk/ols/ontologies/cro">https://www.ebi.ac.uk/ols/ontologies/cro</a> )			
		type	string		
		pattern	^((CRO_[0-9]{7}) (CREDIT_[0-9]{8}))\$		
	• email	type	string		
		format	idn-email		
	• orcid	ORCID identifier			
		type	string		
		pattern	^[0-9]{4}-[0-9]{4}-[0-9]{4}-[0-9]{4}\$		
	• institution	type	object		
		properties			
		• name	type	string	
		• street_address	type	string	
		• city	type	string	
		• country	type	string	



**EVENT**

Event definition in the context of actigraphy

<a href="https://github.com/cdsig/CDSIG-Schema/blob/main/event.json">https://github.com/cdsig/CDSIG-Schema/blob/main/event.json</a>		
type	object	
properties		
• event_id	The unique identifier for an event	
	type	number
	multipleOf	1
	minimum	0
• event_name	Name of the event	
	type	string
• start_date_time	Start date-time for an event	
	type	string
	format	date-time
• stop_date_time	Stop date-time for an event	
	type	string
	format	date-time
• comment	Comment about an event	
	type	string