Codebook for data files uploaded on https://osf.io/e8r4u/

Table 1. Datafiles on https://osf.io/e8r4u/	
File / folder	**Description**
osf.data.N.and.effect.size.csv.gz	For every study the effect measure, effect size and average group size is given.
osf.data.power.csv.gz	For every study the standardized meta-analytic effect size Cohen's d or h is given together with individual study power.
osf.data.power.per.topic.csv.gz	Individual study power data given per topic field.
power_with_gender_data_with_topics.csv.gz	Study power, gender data, and topic field.
example_I__gender_vs_power	Folder with example script to reproduce the findings linking combination of first and last author gender and study power.
example_script.R	
power_with_gender_data_3.csv.gz	
example_II__power_vs_samplesize	Folder with example script to reproduce the computation of power underlying all analyses.
example_data_CDreviewx	
example_data_CDreviewy	
power_versus_sampleSize	
example_III__pipeline_rm5_to_plots	Folder with complete pipeline

Table 2. Variables and description	
Variable	**Description**
review_nr	identifier of unique Cochrane reviews, anonymized
id	identifier of unique meta-analyses within the reviews
min.estimable.entries	number of studies within single meta-analysis
effect_measure	effect measure as used in original meta-analysis
effect_size	effect size as reported in original meta-analysis
study_year	year of publication individual study
year_group	bins for study_year, from 1975-79, 1980-84, etc.
average_group_N	average number of participants per trial arm
d_or_h	meta-analytic effect size, Cohen's d or h
power	individual study power based on 'd_or_h', computed with the 'pwr' package
sufficient_powered.8	studies with power of 0.8 or higher are scored as 1, lower power == 0
topic	topic of the review allocated by Cochrane review
p_z	p-value of the meta-analysis
sample_size_per_group	average number of participants per trial arm
first_author_firstname	first name of first author
first_author_gender	gender of first author, as determined by Genderize.io
first_author_gender_probability	probability of gender of first author, as determined by Genderize.io
last_author_firstname	first name of last author
last_author_gender	gender of first author, as determined by Genderize.io
last_author_gender_probability	probability of gender of first author, as determined by Genderize.io