Variable interpretation document.

Study 1	
ID	Participant ID (1 to 1061)
Recruiter	Which of the recruiters recruited the participant (1 to 13)
Gender_0Female_1Male_2Other	0 = female participant, 1 = male participant, 2 = other gender identity)
Age	Age of participant
Condition	1 = Number First 2= Number Second 3 = Efficiency First 4 = Efficiency Second
Testdilemma	Matching task response on the test dilemma
M_TestD12_prefer	-1 = Response indicate preference for worse project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for better project
Dilemma1_A_B	Matching task response on the Dilemma 1 (Age dilemma)
M_D1AB_prefer	-1 = Response indicate preference for project helping adults 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping children
Dilemma2_C_D	Matching task response on the Dilemma 2 (Gender dilemma)
M_D2CD_prefer	-1 = Response indicate preference for project helping women 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping men
Dilemma3_E_F	Matching task response on the Dilemma 3 (Innocence dilemma)
M_D3EF_prefer	-1 = Response indicate preference for project helping general adults 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping smokers & drinkers
Dilemma4_G_H	Matching task response on the Dilemma 4 (comprehension check)
M_D4GH_prefer	-1 = Response indicate preference for cheaper project. 0 = Response indicate that projects are valued equally 1 = Response indicate preference for more expensive project
Dilemma5_I_J	Matching task response on the Dilemma 5 (Ingroup dilemma)
M_D5IJ_prefer	-1 = Response indicate preference for project helping Swedes (ingroup) 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping Canadians (outgroup)
Dilemma6_K_L	Matching task response on the Dilemma6 (Group size dilemma) [not included in manuscript]
M_D6KL_prefer	-1 = Response indicate preference for project helping patients from large group 0 = Response indicate that projects are valued equally

	1 = Response indicate preference for project helping patients from small group
Dilemma7_M_N	Matching task response on the Dilemma 7 (Survival chance 1 dilemma)
M_D7MN_prefer	-1 = Response indicate preference for helping patients in 30%-project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for helping patients in 0%-project (avoiding sure death)
Dilemma8_O_P	Matching task response on the Dilemma 8 (Survival chance 2 dilemma) [not included in manuscript]
M_D8OP_prefer	-1 = Response indicate preference for helping patients in 30%-project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for helping patients in 60%-project
Dilemma9_Q_R	Matching task response on the Dilemma 9 (Existence dilemma)
M_D9QR_prefer	-1 = Response indicate preference for project helping existing patients 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping future patients
Dilemma10_S_T	Matching task response on the Dilemma 10 (Personal responsibility dilemma)
M_D10ST_prefer	-1 = Response indicate preference for project helping patients with unrelated disease 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping patients with disease one caused
Dilemma11_U_V	Matching task response on the Dilemma 11 (Attention check)
M_D11UV_prefer	-1 = Response indicate preference for identical Project U 0 = Response indicate that projects are valued equally 1 = Response indicate preference for Project V
Dilemma12_X_Y	Matching task response on the Dilemma 12 (Side-effect dilemma)
M_D12XY_prefer	-1 = Response indicate preference for project helping patients without risk of side-effect 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping patients with some risk of side-effect
Can_not_match_1Yes	1 = This participant expressed that some project pairs could not be matched to be equally attractive
Uppfoljning_1Ja_2Nej	1 = Participants who at the time of the matching task actively opted in to participate in the follow-up study (the choice task) 2 = Participants who did not actively opt in
Missing_responses	Number of dilemmas not responded to in the matching task (over 5 = excluded)
Attention_check_fail	0 = Passed attention check (Dilemma 11) 1 = Failed attention check (excluded)

Comprehension_check	0 = Very good comprehension of matching task 1 = Good comprehension of matching task 2 = Acceptable comprehension of matching task 3 = Poor comprehension of matching task (excluded)
Prereg_filter	Filter variable 1 = included in reported analyses 2 = not included in reported analyses
Contacted_for_choice	1 = participants who were invited to participate in choice task (by e-mail)
Participated_in_choice	1 = participants who participated in the choice task
C_Testdilemma_1_2	1 = chose worse project [1] 2 = chose better project [2]
C_Dilemma1_1A_2B	1 = chose to help adults [A] 2 = chose to help children [B]
C_Dilemma2_1C_2D	1 = chose to help females [C] 2 = chose to help males [D]
C_Dilemma3_1E_2F	1 = chose to help general adults 2 = chose to help smokers & drinkers
C_Dilemma4_1G_2H	1 = chose better and cheaper project [G] 2 = chose worse and more expensive project [H]
C_Dilemma5_1I_2J	1 = chose to help ingroup Swedes [I] 2 = chose to help outgroup Canadians [J]
C_Dilemma6_1K_2L	1 = chose to help patients in large group [K] 2 = chose to help patients in small group [L]
C_Dilemma7_attention	Code provided to participants (passed attention check if they wrote the same number as their participant ID)
C_Dilemma8_1M_2N	1 = chose to help patients in 30%-project [M] 2 = chose to help patients in 0% project [N]
C_Dilemma9_1O_2P	1 = chose to help patients in 30%-project [O] 2 = chose to help patients in 60%-project [P]
C_Dilemma10_1Q_2R	1 = chose to help existing patients [Q] 2 = chose to help future patients [R]
C_Dilemma11_1S_2T	1 = chose to help patients with unrelated disease [S] 2 = chose to help patients with disease they caused [T]
C_Dilemma12_1U_2V	1 = chose identical project U 2 = chose identical project V
C_Dilemma13_1X_2Y	1 = chose project without side-effect [X] 2 = chose project with side-effect [Y]
Choice_attention_failed	1 = failed attention check in choice task (excluded)
JB_D1_match JB_D2_match JB_D3_match JB_D5_match JB_D7_match JB_D9_match JB_D10_match JB_D12_match	1-12 indicate dilemma number. -1 = participant expressed a preference for the project inferior on the presumed prominent attribute in the matching task 0 = participant expressed no preference in the matching task (equal matching) 1 = participant expressed a preference for the project superior on the presumed prominent attribute in the matching task
JB_D1AB_choice JB_D2CD_choice	1-12 indicate dilemma number (changed to correspond to the ones in the matching task)

JB_D3EF_choice JB_D5IJ_choice JB_D7MN_choice JB_D9QR_choice JB_D10ST_choice JB_D12XY_choice	-1 = participant expressed a preference for the project inferior on the presumed prominent attribute in the choice task 1 = participant expressed a preference for the project superior on the presumed prominent attribute in the matching task
JB_mean_pref_in_matching_all8	Mean preference in the matching task (all 8 focus dilemmas aggregated)
JB_mean_pref_in_choice_all8	Mean preference in choice task (all 8 focus dilemmas aggregated)
M_D1_extreme M_D2_extreme M_D3_extreme M_D5_extreme M_D7_extreme M_D9_extreme M_D10_extreme M_D12_extreme	0 = The response from this participant was not "extreme" on this dilemma 1 = the response from this participant was "extreme" on this dilemma (under 5th or over 95th percentile; see OSM 3) NOTE: Only participants in NUMBER-condition are included.
Mean_extreme_scores_onlyNUM	The proportion of dilemmas that this participant responded "extremely" to. NOTE: Only participants in NUMBER-condition are included.
Number_of_equal_values	How many times did this participant express no preference in the matching task (equal value)
Comprehend_match_TestandD4	There were two comprehension questions in the matching task – the test dilemma (Dilemma 0) and Dilemma 4. For each of these, participants who matched so that one project was inferior on both varying attributes were given the score -1. Participants who matched equally on these were given 0 and participants who matched "correctly" by making one project superior on one attribute and the other project superior on the other were given the score +1. This variable is the sum of the two dilemmas. Participants who responded "wrong" on both comprehension checks (-2) were excluded. A higher score indicates greater comprehension of the matching task.

Study 2	
ResponseId	Participant ID
StartDate	Time of starting survey
EndDate	Time of ending survey
gender	Participant's gender identity 1 = female 2 = male 4 = other gender
age	Participant's current age
Duration__in_seconds_	Duration in seconds
TDmatch	Matching task response on the test dilemma (comprehension check M1)
TDmatch_preference	-1 = Response indicate preference for worse project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for better project
Correct_TDmatch	0 = test dilemma response indicating non-comprehension 1 = test dilemma response indicating comprehension
Dilemma1random	Condition for the Age dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil1match (Dil1match_nozero)	Matching task response on the Age dilemma (excluding zero-responses)
Dil1_match_preference	-1 = Response indicate preference for project helping adults 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping children
Dilemma2random	Condition for the Gender dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil2match (Dil2match_nozero)	Matching task response on the Gender dilemma (excluding zero-responses)
Dil2_match_preference	-1 = Response indicate preference for project helping women 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping men
Dilemma3random	Condition for the Innocence dilemma (randomized) A = AB First B = AB Second C = BA First

	D = BA Second
Dil3match (Dil3match_nozero)	Matching task response on the Innocence dilemma (excluding zero-responses)
Dil3_match_preference	-1 = Response indicate preference for project helping runners & dieters 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping smokers & drinkers
Dilemma4random	Condition for the Comprehension check M2 (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil4match	Matching task response on the Comprehension check M2
Dil4_match_preference	-1 = Response indicate preference for more expensive project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for cheaper project
Correct_Dil4match	0 = Comprehension check M2 response indicating non-comprehension 1 = Comprehension check M2 response indicating comprehension
Dilemma5random	Condition for the Ingroup dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil5match (Dil5match_nozero)	Matching task response on the Ingroup dilemma (excluding zero-responses)
Dil5_match_preference	-1 = Response indicate preference for project helping Americans (ingroup) 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping Germans (outgroup)
Dilemma6random	(not included in manuscript) Condition for the Group Size dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil6match	(not included in manuscript) Matching task response on the Group Size dilemma
Dil6_match_preference	(not included in manuscript) -1 = Response indicate preference for project helping patients from large group 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping patients from small group

Dilemma7random	Condition for the Survival chance dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil7match (Dil7match_nozero)	Matching task response on the Survival chance dilemma (excluding zero-responses)
Dil7_match_preference	-1 = Response indicate preference for helping patients in 30%-project 0 = Response indicate that projects are valued equally 1 = Response indicate preference for helping patients in 0%-project (avoiding sure death)
Dilemma8random	Condition for the Existence dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil8match (Dil8match_nozero)	Matching task response on the Existence dilemma (excluding zero-responses)
Dil8_match_preference	-1 = Response indicate preference for project helping existing patients 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping future patients
Dilemma9random	Condition for the Side-effect dilemma (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil9match (Dil9match_nozero)	Matching task response on the Side-effect dilemma (excluding zero-responses)
Dil9_match_preference	-1 = Response indicate preference for project helping patients without risk of side-effect 0 = Response indicate that projects are valued equally 1 = Response indicate preference for project helping patients with some risk of side-effect
Dilemma10random	Condition for the Comprehension check M3 (randomized) A = AB First B = AB Second C = BA First D = BA Second
Dil10match	Matching task response on the Comprehension check M3
Dil10_match_preference	-1 = Response indicate preference for identical Project U 0 = Response indicate that projects are valued equally 1 = Response indicate preference for Project V

Correct_Dil10match	0 = Comprehension check M3 response indicating non-comprehension 1 = Comprehension check M3 response indicating comprehension
JB_Number_of_nonresponses_in_match	Number of dilemmas responded to with a 0 (zero) to in the matching task = I cannot make these projects equally attractive
D1_AB	1 = chose to help adults [A] 2 = chose to help children [B]
D2_CD	1 = chose to help females [C] 2 = chose to help males [D]
D3_EF	1 = chose to help runners & dieters [E] 2 = chose to help smokers & drinkers [F]
FixedChoice4	Condition for Comprehension check C1 1 = AB 2 = BA
D4_GH	1 = chose better and cheaper project [G] 2 = chose worse and more expensive project [H]
Correct_Dil4choice	0 = Comprehension check C1 response indicating non-comprehension 1 = Comprehension check C1 response indicating comprehension
D5_IJ	1 = chose to help ingroup Americans [I] 2 = chose to help outgroup Germans [J]
D6_KL	(not included in manuscript) 1 = chose to help patients in large group [K] 2 = chose to help patients in small group [L]
D7_MN	1 = chose to help patients in 30%-project [M] 2 = chose to help patients in 0% project [N]
D8_QR	1 = chose to help existing patients [Q] 2 = chose to help future patients [R]
D9_XY	1 = chose project without side-effect [X] 2 = chose project with side-effect [Y]
FixedChoice10	Condition for Manipulation check 1 = AB 2 = BA
D10_UV	1 = chose identical project U 2 = chose identical project V
FixedChoice11	Condition for Comprehension check C2 1 = AB 2 = BA
D11_12	1 = chose more efficient project [1] 2 = chose less efficient project [2]
Correct_Dil11choice	0 = Comprehension check C2 response indicating non-comprehension 1 = Comprehension check C2 response indicating comprehension
FixedChoice12	Condition for Comprehension check C3 1 = AB 2 = BA
D12_34	1 = chose blue eye color project [3]

	2 = chose brown eye color project [4]
Correct_Dil12choice	0 = Comprehension check C3 response indicating non-comprehension 1 = Comprehension check C3 response indicating comprehension
FixedChoice13	Condition for Comprehension check C4 1 = AB 2 = BA
D13_78	1 = chose blood type A project [7] 2 = chose blood type O project [8]
Correct_Dil13choice	0 = Comprehension check C4 response indicating non-comprehension 1 = Comprehension check C4 response indicating comprehension
AttentionWord	Attention check word provided to participant
Dil14choice_PROVE	Attention check response written by participant
Include_filter	Filter variable 0 = excluded for missing attention check in choice task 1 = excluded for missing two or more comprehension checks in either the matching task or in the choice task 2 = included
Comprehension_matchingtask	Number of passed comprehension checks in the matching task (out of 3)
Comprehension_choicetask	Number of passed comprehension checks in the choice task (out of 4)
Attentioncheck_0FAIL_1PASS	0 = failed attention check 1 = passed attention check
JB_Dil1match_pref JB_Dil2match_pref JB_Dil3match_pref JB_Dil5match_pref JB_Dil7match_pref JB_Dil8match_pref JB_Dil9match_pref	1-9 indicate dilemma number. -1 = participant expressed a preference for the project inferior on the presumed prominent attribute in the matching task 0 = participant expressed no preference in the matching task (equal matching) 1 = participant expressed a preference for the project superior on the presumed prominent attribute in the matching task
JB_Dil1choice_pref JB_Dil2choice_pref JB_Dil3choice_pref JB_Dil5choice_pref JB_Dil7choice_pref JB_Dil8choice_pref JB_Dil9choice_pref	1-9 indicate dilemma number (changed to correspond to the ones in the matching task) -1 = participant expressed a preference for the project inferior on the presumed prominent attribute in the choice task 1 = participant expressed a preference for the project superior on the presumed prominent attribute in the matching task
JB_mean_match_7dilemman	Mean preference in the matching task (all 7 focus dilemmas aggregated)

JB_mean_choice_7dilemman	Mean preference in choice task (all 7 focus dilemmas aggregated)
Dil1_extremity Dil2_extremity Dil3_extremity Dil5_extremity Dil7_extremity Dil8_extremity Dil9_extremity	0 = The response from this participant was not "extreme" on this dilemma 1 = the response from this participant was "extreme" on this dilemma (under 5th or over 95th percentile; see OSM 3)
Extreme_ratings	The proportion of dilemmas that this participant responded "extremely" to in the matching task.
JB_nr_of_equal_matches	How many times (out of 7) did this participant express no preference in the matching task (equal value)