- id "unique number for each participant"
- group_id "unique number for each group"
- ses_id "unique number for each session"
- IndNum "number of participant within the group"
- condition "experimental condition: 0 = normative agreement before membership change, 1 = normative disagreement before membership change"
- Valuation "individual return from the public good"
- high_return "low-return (0) or high-return (1) from the public good"
- PunishFactor "How much each allocated punishment point reduces the income of the punished person"
- MaxPunish "the maximum number of punishment points that the person can allocate to another person per round"
- Endowment "how much the person can contribute to the public good per round"
- NumInGroup "the number of persons per group"
- N "the number of persons per session"
- numgroups "the number of groups per session"
- SwitchMember "the round after which members switch groups"
- NumPeriods "total number of periods (last one does not involve contribution/punishment decisions)"
- Period "the period/round of the public goods game"
- Contribute "the participant's contribution to the public good"
- pun_giv "the total number of punishment points that the participant allocated this round"
- pun_rec "the total number of punishment points that the participant received this round"
- Punish1 "the number of punishment points the participant allocated this round to the first group-member (if IndNum = 1 (2) ((3)), first group-member has IndNum = 2 (1) ((1)), "
- Punish2 "the number of punishment points the participant allocated this round to the second group-member (if IndNum = 1 (2) ((3)), second group-member has IndNum = 3 (3) ((2))"
- Contribute1 "what the participant thinks is the appropriate contribution for hypothetical group member 1, who has a high-return (0.75)"
- Contribute2 "what the participant thinks is the appropriate contribution for hypothetical group member 2, who has a low-return (0.50)"
- Contribute3 "what the participant thinks is the appropriate contribution for hypothetical group member 3, who has a low-return (0.50)"
- norm_view_H "what the participant thinks is the appropriate contribution for the hypothetical group member with a high-return (i.e., Contribute1)"
- norm_view_L "what the participant thinks is the appropriate contribution for the hypothetical group members with a low-return (i.e., the average of Contribute2 and Contribute3)"
- Guess1 "what the participant thinks his/her group members think is the appropriate contribution for hypothetical group member 1, who has a high-return"
- Guess2 "what the participant thinks his/her group members think is the appropriate contribution for hypothetical group member 2, who has a low-return"
- Guess3 "what the participant thinks his/her group members think is the appropriate contribution for hypothetical group member 3, who has a low-return"
- norm_exp_H "what the participant thinks his/her group members think is the appropriate contribution for the hypothetical group member with a high-return (i.e., Guess1)"

- norm_exp_L "what the participant thinks his/her group members think is the appropriate contribution for the hypothetical group members with a low-return (i.e., the average of Guess2 and Guess3)"
- Guess1A "what the participant thinks his/her new group member(s) think(s) is the appropriate contribution for hypothetical group member 1, who has a high-return"
- Guess2A "what the participant thinks his/her new group member(s) think(s) is the appropriate contribution for hypothetical group member 2, who has a low-return"
- Guess3A "what the participant thinks his/her new group member(s) think(s) is the appropriate contribution for hypothetical group member 3, who has a low-return"
- exp_H_new "what the participant thinks his/her new group member(s) think(s) is the appropriate contribution for the hypothetical group member with a high-return (i.e., Guess1A)"
- exp_L_new "what the participant thinks his/her new group member(s) think(s) is the appropriate contribution for the hypothetical group members with a low-return (i.e., the average of Guess2A and Guess3A)"
- NormEff "normative score used for sorting: Contribute1 - ((Contribute2 + Contribute3) / 2) + 0.02 * ((Contribute1 + Contribute2 + Contribute3) / 3) + random() * .0001. Based on first elicited normative view"
- RanOrd_Eff "ranking of participant on basis of normative score compared to other participants in same session"
- PunishN1_1 "a hypothetical situation is presented: member 1 (return 0.75) contributes 0, member 2 (return 0.50) contributes 0, member 3 (return 0.50) contributes 20. The participant's view on the appropriate number of punishment points for member 1"
- PunishN1_2 "a hypothetical situation is presented: member 1 (return 0.75) contributes 0, member 2 (return 0.50) contributes 0, member 3 (return 0.50) contributes 20. The participant's view on the appropriate number of punishment points for member 2"
- PunishN1_3 "a hypothetical situation is presented: member 1 (return 0.75) contributes 0, member 2 (return 0.50) contributes 0, member 3 (return 0.50) contributes 20. The participant's view on the appropriate number of punishment points for member 3"
- PunishN2_1 "a hypothetical situation is presented: member 1 (return 0.75) contributes 20, member 2 (return 0.50) contributes 10, member 3 (return 0.50) contributes 10. The participant's view on the appropriate number of punishment points for member 1"
- PunishN2_2 "a hypothetical situation is presented: member 1 (return 0.75) contributes 20, member 2 (return 0.50) contributes 10, member 3 (return 0.50) contributes 10. The participant's view on the appropriate number of punishment points for member 2"
- PunishN2_3 "a hypothetical situation is presented: member 1 (return 0.75) contributes 20, member 2 (return 0.50) contributes 10, member 3 (return 0.50) contributes 10. The participant's view on the appropriate number of punishment points for member 3"
- PunishG1_1 "participant's guess of what his/her group members answered on variable PunishN1_1"
- PunishG1_2 "participant's guess of what his/her group members answered on variable PunishN1_2"
- PunishG1_3 "participant's guess of what his/her group members answered on variable PunishN1_3"
- PunishG2_1 "participant's guess of what his/her group members answered on variable PunishN2_1"

- PunishG2_2 "participant's guess of what his/her group members answered on variable PunishN2_2"
- PunishG2_3 "participant's guess of what his/her group members answered on variable PunishN2_3"
- GI1 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: I identify with other members of this group"
- GI2 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: I feel strong ties to this group"
- GI3 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: I am like other members of this group"
- GI4 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: This group is an important reflection of who I am"
- GI5 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: I feel proud to be a member of this group"
- GI6 "participant's agreement on a scale from 1 (strongly disagree) to 7 (strongly agree) on item: I would like to continue working with this group"
- cond0 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 0 on average"
- cond2 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 2 on average"
- cond4 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 4 on average"
- cond6 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 6 on average"
- cond8 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 8 on average"
- cond10 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 10 on average"
- cond12 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 12 on average"
- cond14 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 14 on average"
- cond16 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 16 on average"
- cond18 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 18 on average"
- cond20 "participant's view on how much a member with return 0.75 should contribute if the two other group members (both with a 0.50 return) contribute 20 on average"
- cond0_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 0 on average"
- cond2_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 2 on average"
- cond4_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 4 on average"

- cond6_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 6 on average"
- cond8_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 8 on average"
- cond10_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 10 on average"
- cond12_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 12 on average"
- cond14_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 14 on average"
- cond16_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 16 on average"
- cond18_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 18 on average"
- cond20_2 "participant's view on how much a member with return 0.50 should contribute if the two other group members (one with 0.75 return, other with 0.50 return) contribute 20 on average"
- app_0 "participant's rating of how appropriate a contribution of 0 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_3 "participant's rating of how appropriate a contribution of 3 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_7 "participant's rating of how appropriate a contribution of 7 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_10 "participant's rating of how appropriate a contribution of 10 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_13 "participant's rating of how appropriate a contribution of 13 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_17 "participant's rating of how appropriate a contribution of 17 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"
- app_20 "participant's rating of how appropriate a contribution of 20 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.75 in a group where other two members have a return of 0.5"

- app_0_2 "participant's rating of how appropriate a contribution of 0 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_3_2 "participant's rating of how appropriate a contribution of 3 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_7_2 "participant's rating of how appropriate a contribution of 7 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_10_2 "participant's rating of how appropriate a contribution of 10 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_13_2 "participant's rating of how appropriate a contribution of 13 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_17_2 "participant's rating of how appropriate a contribution of 17 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- app_20_2 "participant's rating of how appropriate a contribution of 20 is on a scale from -10 (extremely inappropriate) to +10 (extremely appropriate) for a member with return 0.50 in a group where one other member has return of 0.50 and the other of 0.75"
- svo_angle "social value orientation angle"
- svo_type "social value orientation type: 1 = Altruist, 2 = Prosocial, 3 = Individualist, 4 = Competitive"
- Purpose "What do you think is the purpose of this experiment?"
- Reality "Can you think of any real life situations in which you have to make similar contribution decisions as you did in this experiment?"
- Comments "If you have any other comments on the experiment, you can give them in the text box below"
- Age "age in years"
- Gender "gender, options are: Male, Female, Other"
- Nationality "nationality, open-ended"
- Student "whether the participant is currently a student"
- Study "the study background of the participant"
- Understand "self-reported rating on the understanding of the experimental instructions: Good, Bad, or Not bad, not good"
- Experiments "how many experiments has the participant completed in this lab"
- Friends "how many of the other participants in the room does the participant know by first name"
- gametheory "did the participant follow a course on game theory in the past"
- Politics "political orientation on left(1) - right(10) dimension"
- money "number of euros earned during experiment"
- q1 "Suppose that all 3 participants contribute their complete budget of 20 points to the group account (combined contribution is 60). What is the total income from the contribution stage for the participant with a return of 0.75 from the group account? 1=20 points; 2=30 points; 3=45 points"

- q2 "Suppose that all 3 participants contribute their complete budget of 20 points to the group account (combined contribution is 60). What is the total income from the contribution stage for the participant with a return of 0.50 from the group account? 1=20 points; 2=30 points; 3=45 points"
- q3 "Suppose that all 3 participants contribute nothing from their budget of 20 points to the group account (combined contribution is 0). What is the total income from the contribution stage for each participant? 1=20 points; 2=30 points; 3=0 points"
- q4 "Suppose your return from the group account is 0.50. You and your group members together contribute a total of 40 points to the group account. You kept 10 points of your budget in your private account. What is your total income from the contribution stage? 1=10 points; 2=20 points; 3=30 points"
- q5 "Suppose your return from the group account is 0.50. You and your group members together contribute a total of 40 points to the group account. You kept 20 points of your budget in your private account. What is your total income from the contribution stage? 1=20 points; 2=30 points; 3=40 points"
- q6 "How much is your income reduced if your two group members together assigned you a total of 2 deduction points? 1=2 points; 2=6 points; 3=9 points"
- q1ans "participant's first answer to q1"
- q2ans "participant's first answer to q2"
- q3ans "participant's first answer to q3"
- q4ans "participant's first answer to q4"
- q5ans "participant's first answer to q5"
- q6ans "participant's first answer to q6"