The row data are provided in 26 excel files, described in file “Session table and file names.xls”.

All the analysis is done using Stata/IC 16.0.

We provide the Stata data files (5 files in .dta format) and the codes used to generate the results reported in the paper (10 files in .do format). The names of the do files include the numbers of tables/figures they produce.

The dta files contains a selection of the variables of the row data, plus some instrumental variables that are directly derived from the row data. Hence the codebook reported below can be directly applied to the relevant variables of the row data.

CODEBOOK

File "actions T1 - T6.dta"

Session: Identifier of the session

Period: 1 - 40

Subject: Identifier of the experimental subjects at the session level, 1-32

MatchingGroup: Identifier of the (16 subjects) independent observations at the session level, 1-2

NetworkGroup: Identifier of the (8 subjects) network groups at the matching group level, 1-2

NetworkPositionOwn: subject position in the network, 1-8

LinkedToNetworkPosition: position in the network of the paired subject, 1-8

LinkedToSubject: identifier of the paired subject, 1-32

LinkedPositions1, LinkedPositions2, LinkedPositions3, LinkedPositions4: positions of the four neighbors in the network, 1-8

LinkedSubjects1, LinkedSubjects2, LinkedSubjects3, LinkedSubjects4: identifiers of the four neighbors in the network, 1-32

MessagesReceived1, MessagesReceived2, MessagesReceived3, MessagesReceived4: last message received from each of the four neighbors (defined only for Bare communication) , 1= A, 2=B, 3=C, -99=no message

OwnAction: action played by the subject, 1= A, 2=B, 3=C

OtherAction: action played by the paired subject, 1= A, 2=B, 3=C

treatment: identifier of the treatment, 1=NoComm_Clust, 2=NoComm_NoClust, 3=Bare_Clust, 4=Bare_NoClust, 5=Rich_Clust, 6=Rich_NoClust

message: last message sent by the subject (defined only for Bare communication) , 1= A, 2=B, 3=C, -99=no message

File "bilateral.dta"

treatment: identifier of the treatment, 7

session: Identifier of the session

Period: 1 - 40

Subject: Identifier of the experimental subjects at the session level, 1-32

MatchingGroup: Identifier of the (16 subjects) independent observations at the session level, 1-2

NetworkGroup: Identifier of the (8 subjects) network groups at the matching group level, 1-2

LinkedToSubject: identifier of the paired subject, 1-32

OwnAction: action played by the subject, 1= A, 2=B, 3=C

OtherAction: action played by the paired subject, 1= A, 2=B, 3=C

File "stag hunt.dta"

treatment: identifier of the treatments in the Stag Hunt game, 1=NoComm_Clust, 2=NoComm_NoClust, 3=Bare_Clust, 4=Bare_NoClust

Session: Identifier of the session

Period: 1 - 40

Subject: Identifier of the experimental subjects at the session level, 1-32

MatchingGroup: Identifier of the (16 subjects) independent observations at the session level, 1-2

NetworkGroup: Identifier of the (8 subjects) network groups at the matching group level, 1-2

NetworkPositionOwn: subject position in the network, 1-8

LinkedToNetworkPosition: position in the network of the paired subject, 1-8

LinkedToSubject: identifier of the paired subject, 1-32

LinkedPositions1, LinkedPositions2, LinkedPositions3, LinkedPositions4: positions of the four neighbors in the network, 1-8

LinkedSubjects1, LinkedSubjects2, LinkedSubjects3, LinkedSubjects4: identifiers of the four neighbors in the network, 1-32

OwnAction: action played by the subject, 1= A, 2=B

OtherAction: action played by the paired subject, 1= A, 2=B

File “chat rich communication.dta”

session: Identifier of the session

Period: 1 - 40

SubjectID: Identifier of the experimental subjects at the session level, 1-32

Message: text of the message

CHKat: message classification 1

KAKat: message classification 2

TimeStamp: Time at which the message was sent at period level, 1-90

seq: sequence of the messages at session level, 1 - 3579

File “chat bare communication.dta”

session: Identifier of the session

Period: 1 - 40

SubjectID: Identifier of the experimental subjects at the session level, 1-32

Message: text of the message, A, B, C

TimeStamp: Time at which the message was sent at period level, 1-90

seq: sequence of the messages at session level, 1 - 3579

treatment: identifier of the treatment, 3=Bare_Clust, 4=Bare_NoClust