Network Collective Action Experiments Dataset Codebook

Navid Hassanpour
nhassanpour@hse.ru
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In our network experiments of collective risk-taking, subjects repeatedly enacted a lottery which rewarded global risk-taking if the majority took action and penalized taking risk if the attempt at mobilization failed. A total of 720 subjects finished the full experimental session in 45 random network realizations, 15 realizations for each treatment; subjects were recruited from Amazon Mechanical Turk (AMT), an online labor market for Human Intelligence Tasks (HITs), a common source of subjects for such experiments.

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Variable Name	Description of Variable
subject_number	assigned subject ID
network_degree	subject's network degree
stage	experiment stage
treatment	treatment (T1: central, T2: random, T3: peripheral)
session	session number (1–15 for each treatment)
round	round number(1–15 for each session)
action	action taken by subject
subject_rank	subject's risk rank
centrality	subject's betweenness centrality
mean_action_neighbors	average rate of action rate among subject's network neighbors in the previous round
mean_rank_neighbors	average risk rank of subject's network neighbors

Table 1: Name and Description of Variables