The role of personality in social and economic choice
Data and variable description

Working Paper

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The role of personality in social and economic choice: Data and variable description

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Carsten K. W. De Dreu
Justin Chumbley
Ernst Fehr

Codebook
Department of Economics, University of Zurich

June 2020
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Abstract

How do fundamental concepts from economics, such as individuals’ preferences and beliefs, relate to equally fundamental concepts from psychology, such as relatively stable personality traits? Can personality traits help us better understand economic behavior across strategic contexts? The goal of this study is to investigate different personality profiles and examine the role of strategic context (the “situation”), personality traits (the “person”) and their interaction on beliefs and behaviors in different versions of extended trust games (with and without the option to punish uncooperative behavior).

Keywords

Codebook, list of variables, trustgame, experimental data, self-reported personality questionnaires

Preferred citation style

1 Study description

1.1 Title

The role of personality in social and economic choice

1.2 Creator

Basil Schmid, Jan. B. Engelmann, Carsten K. W. De Dreu, Justin Chumbley, Ernst Fehr

1.3 Subject

Codebook, list of variables, trustgame, experimental lab data, self-reported personality questionnaires

1.4 Description

How do fundamental concepts from economics, such as individuals’ preferences and beliefs, relate to equally fundamental concepts from psychology, such as relatively stable personality traits? Can personality traits help us better understand economic behavior across strategic contexts? The goal of this study is to investigate different personality profiles and examine the role of strategic context (the “situation”), personality traits (the “person”) and their interaction on beliefs and behaviors in different versions of extended trustgames (with and without the option to punish uncooperative behavior).

1.5 Publisher

Institute for Transport Planning and Systems (IVT), ETH Zurich
1.6 Contributor

Carola Hug

1.7 Data publication

June 2020

1.8 Type

Codebook and variable description: Experimental lab data, self-reported personality questionnaires

1.9 Format

Portable document format (pdf), SPSS (.sav), comma separated (.csv)

1.10 Source

https://www.pnas.org/content/116/26/12781.short

1.11 Language

English

1.12 Relation

Details can be found in

and the corresponding appendix (SI) for further information, as well as in


1.13 Coverage

Canton of Zurich, Switzerland, 2013

1.14 Unit of analysis

Students subscribed at the University of Zurich

1.15 Rights

Department of Economics, University of Zurich

1.16 Other identifications, funding and acknowledgements

We acknowledge financial support from the Swiss National Centre of Competence in Research Affective Sciences and Amsterdam Brain and Cognition.

1.17 Document responsibility

Basil Schmid: basil.schmid@ivt.baug.ethz.ch
Jan B. Engelmann: j.b.engelmann@uva.nl
2 Trustgame and personality data: File description

Title: trustgame_personality_data

Contents: Experimental lab data of extended trustgames and personality scales

Data collection: Lab experiment (University of Zurich, Department of Economics), self-reported personality questionnaires

File Structure: Hierachical. Panel data (six rounds in each of the four trustgame treatments); within-subject design, different trustgame treatments merged in wide format

Number of cases: 1074 (due to panel structure multiplied by 6). Variables per record: 113.

File format: SPSS (.sav), comma separated (.csv)

3 Trustgame and personality data: Variables

3.1 id: Person ID

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>45</td>
<td>90</td>
<td>90</td>
<td>135</td>
<td>179</td>
</tr>
</tbody>
</table>

3.2 session_id: Session ID of experiment

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4</td>
<td>8</td>
<td>7.687</td>
<td>11</td>
<td>13</td>
</tr>
</tbody>
</table>
3.3 pre_test: Data collected in pre-test

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>618</td>
<td>456</td>
</tr>
</tbody>
</table>

3.4 period: Round number

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>2</td>
<td>3.5</td>
<td>3.5</td>
<td>5</td>
<td>6</td>
</tr>
</tbody>
</table>
3.5 size: Number of participants in the session

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>size</td>
<td>8</td>
<td>12</td>
<td>16</td>
<td>14.82</td>
<td>18</td>
<td>18</td>
</tr>
</tbody>
</table>

Histogram of size

3.6 player: Player in trust game

Labels: 1 = P1, 2 = P2. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>P1</th>
<th>P2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>540</td>
<td>534</td>
</tr>
</tbody>
</table>
3.7 sex: Gender

Labels: 0 = Female, 1 = Male. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>Female</th>
<th>Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>576</td>
<td>498</td>
</tr>
</tbody>
</table>

3.8 livingplace: Living in a city with > 10’000 inhabitants

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>582</td>
<td>492</td>
</tr>
</tbody>
</table>

3.9 country: Country of origin

Labels: 0 = Abroad, 1 = Switzerland. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>Abroad</th>
<th>Switzerland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>354</td>
<td>720</td>
</tr>
</tbody>
</table>
3.10 age: Age [years]

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>20</td>
<td>22</td>
<td>22.84</td>
<td>24</td>
<td>40</td>
<td>6</td>
</tr>
</tbody>
</table>

Histogram of age

3.11 note6: Grade point average 6 (excellent)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>600</td>
<td>18</td>
<td>456</td>
</tr>
</tbody>
</table>
3.12 note55: Grade point average 5.5 (very good)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>450</td>
<td>168</td>
<td>456</td>
</tr>
</tbody>
</table>

3.13 note5: Grade point average 5 (good)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>402</td>
<td>216</td>
<td>456</td>
</tr>
</tbody>
</table>

3.14 note45: Grade point average 4.5 (satisfactory)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>438</td>
<td>180</td>
<td>456</td>
</tr>
</tbody>
</table>

3.15 note4: Grade point average 4 (sufficient)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>600</td>
<td>18</td>
<td>456</td>
</tr>
</tbody>
</table>
3.16 note_ug: Grade point below 4 (failed)

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>600</td>
<td>18</td>
<td>456</td>
</tr>
</tbody>
</table>

3.17 pts_trust: PTS (propensity to trust scale): Willingness to trust

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>7</td>
<td>23</td>
<td>27</td>
<td>27.02</td>
<td>31</td>
<td>41</td>
</tr>
</tbody>
</table>

Histogram of pts_trust
3.18 pts_trustwt: PTS (propensity to trust scale): Willingness to trustworthiness

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
<td>pts_trustwt</td>
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<td>63</td>
<td>61.9</td>
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<td>84</td>
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</tbody>
</table>

Histogram of pts_trustwt
3.19 *svo_pro*: SVO (social value orientation scale)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
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<tbody>
<tr>
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<td>16</td>
<td>22</td>
<td>20.13</td>
<td>24</td>
<td>24</td>
</tr>
</tbody>
</table>

Histogram of *svo_pro*
3.20 sds: SDS (social desirability scale)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>sds</td>
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<td>0.5</td>
<td>0.6875</td>
<td>0.6379</td>
<td>0.75</td>
<td>1</td>
</tr>
</tbody>
</table>

Histogram of sds
3.21 mach: MACH-IV (machiavellianism inventory)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>44</td>
<td>65</td>
<td>75</td>
<td>73.6</td>
<td>83</td>
<td>122</td>
</tr>
</tbody>
</table>

Histogram of mach
3.22 *davis_pt*: IRI (interpersonal reactivity index): Perspective taking

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Values</td>
<td>9</td>
<td>17</td>
<td>19</td>
<td>19.43</td>
<td>22</td>
<td>29</td>
</tr>
</tbody>
</table>

Histogram of *davis_pt*
3.23 \textit{davis_fs}: IRI (interpersonal reactivity index): Tendency to identify with fictional characters

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>15</td>
<td>19</td>
<td>18.87</td>
<td>23</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

Histogram of \textit{davis_fs}
3.24 \textit{davis\textunderscore ec}: IRI (interpersonal reactivity index): Empathic concern

Format = numeric.

\begin{center}
\begin{tabular}{cccccc}
\hline
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
11 & 18 & 22 & 21.4 & 25 & 31 \\
\hline
\end{tabular}
\end{center}

\begin{center}
\textbf{Histogram of davis\textunderscore ec}
\end{center}
3.25 davis_pd: IRI (interpersonal reactivity index): Personal distress

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>11</td>
<td>14</td>
<td>14.2</td>
<td>17</td>
<td>30</td>
</tr>
</tbody>
</table>

Histogram of davis_pd
3.26 stai_s: STAI (state-trait anxiety inventory): State anxiety

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22</td>
<td>31</td>
<td>38</td>
<td>39.08</td>
<td>47</td>
<td>75</td>
</tr>
</tbody>
</table>

Histogram of stai_s
3.27 stai_t: STAI (state-trait anxiety inventory): Trait anxiety

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>stai_t</td>
<td>21</td>
<td>33</td>
<td>39</td>
<td>40.81</td>
<td>47</td>
<td>65</td>
</tr>
</tbody>
</table>

Histogram of stai_t
3.28 staxi_s: STAXI (state-trait anger expression inventory): State anger

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10</td>
<td>11</td>
<td>14</td>
<td>15.33</td>
<td>18</td>
<td>32</td>
</tr>
</tbody>
</table>

Histogram of staxi_s
3.29 \textit{staxi\_t}: STAXI (state-trait anger expression inventory): Trait anger

Format = numeric.

\begin{tabular}{ccccccc}
\hline
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
10 & 15 & 18 & 18.59 & 21 & 34 \\
\hline
\end{tabular}

\textbf{Histogram of staxi\_t}
3.30 \texttt{staxi\_ai}: STAXI (state-trait anger expression inventory): Anger-in

Format = numeric.

\begin{tabular}{ccccccc}
\textbf{Min.} & \textbf{1st Qu.} & \textbf{Median} & \textbf{Mean} & \textbf{3rd Qu.} & \textbf{Max.} \\
8 & 14 & 16 & 16.84 & 20 & 29 \\
\end{tabular}

Histogram of \texttt{staxi\_ai}
3.31 \texttt{staxi\_ao}: STAXI (state-trait anger expression inventory): 
\textbf{Anger-out}

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
\hline
 & Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
\texttt{staxi\_ao} & 8 & 10 & 12 & 12.47 & 14 & 29 \\
\hline
\end{tabular}
\end{center}

\textbf{Histogram of \texttt{staxi\_ao}}

\begin{center}
\begin{tikzpicture}
\begin{axis}[
    title={Histogram of \texttt{staxi\_ao}},
    xlabel={\texttt{staxi\_ao}},
    ylabel={Density},
    xmin=10, xmax=30,
    ymin=0.00, ymax=0.15
]
\addplot [histogram, fill=gray!30] table [y index=0] {data.csv};
\end{axis}
\end{tikzpicture}
\end{center}
3.32 \textit{staxi\_ac}: STAXI (state-trait anger expression inventory):

\textbf{Anger-control}

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
\hline
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
9 & 21 & 23 & 23.34 & 26 & 32 \\
\hline
\end{tabular}
\end{center}
3.33 *bis_bi*: BIS/BAS (behavioral inhibition scale): Behavioral inhibition system

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>18</td>
<td>20</td>
<td>20.03</td>
<td>23</td>
<td>28</td>
</tr>
</tbody>
</table>

**Histogram of bis_bi**
3.34 **bas_dr**: BIS/BAS (behavioral inhibition scale): Behavioral activation system drive

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>11</td>
<td>12</td>
<td>12.21</td>
<td>14</td>
<td>16</td>
</tr>
</tbody>
</table>

**Histogram of bas_dr**

![Histogram of bas_dr](image-url)
3.35 bas_fu: BIS/BAS (behavioral inhibition scale): Behavioral activation system fun seeking

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>bas_fu</td>
<td>6</td>
<td>11</td>
<td>12</td>
<td>11.84</td>
<td>13</td>
<td>16</td>
</tr>
</tbody>
</table>

Histogram of bas_fu
3.36 bas_re: BIS/BAS (behavioral inhibition scale): Behavioral activation system reward responsiveness

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
<td>15</td>
<td>17</td>
<td>16.65</td>
<td>18</td>
<td>20</td>
</tr>
</tbody>
</table>

Histogram of bas_re
3.37 bis11_at: BIS11 (Barrat impulsiveness scale): Attentional impulsivity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
<td>14</td>
<td>16</td>
<td>16.29</td>
<td>18</td>
<td>26</td>
</tr>
</tbody>
</table>

Histogram of bis11_at
3.38 bis11_mt: BIS11 (Barrat impulsiveness scale): Motor impulsivity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13</td>
<td>20</td>
<td>22</td>
<td>22.53</td>
<td>25</td>
<td>39</td>
</tr>
</tbody>
</table>

Histogram of bis11_mt
3.39 **bis11_np**: BIS11 (Barrat impulsiveness scale): Non-planning impulsivity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>bis11_np</td>
<td>12</td>
<td>20</td>
<td>23</td>
<td>23.22</td>
<td>26</td>
<td>33</td>
</tr>
</tbody>
</table>

Histogram of bis11_np
3.40 `dosp_et`: DOSPERT (domain-specific risk taking): Ethical

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>dosp_et</td>
<td>6</td>
<td>10</td>
<td>14</td>
<td>15.3</td>
<td>20</td>
<td>29</td>
</tr>
</tbody>
</table>

Histogram of `dosp_et`
3.41 \textit{dosp\_fi}: DOSPERT (domain-specific risk taking): Financial

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>10</td>
<td>15</td>
<td>15.35</td>
<td>20</td>
<td>34</td>
</tr>
</tbody>
</table>

Histogram of \textit{dosp\_fi}
3.42 dosp_he: DOSPERT (domain-specific risk taking): Health/safety

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>dosp_he</td>
<td>6</td>
<td>16</td>
<td>21</td>
<td>20.9</td>
<td>26</td>
<td>41</td>
</tr>
</tbody>
</table>

Histogram of dosp_he
3.43 \textit{dosp\_re}: DOSPERT (domain-specific risk taking): Recreational

Format = numeric.

\begin{tabular}{cccccc}
\hline
Min & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
6 & 19 & 25 & 24.72 & 31 & 42 \\
\hline
\end{tabular}

\noindent Histogram of \textit{dosp\_re}

\noindent Density

\noindent 0.00 0.01 0.02 0.03 0.04

\noindent 10 20 30 40

\noindent \textit{dosp\_re}
3.44 dosp_sp: DOSPERT (domain-specific risk taking): Social

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>dosp_sp</td>
<td>13</td>
<td>26</td>
<td>30</td>
<td>29.72</td>
<td>34</td>
<td>42</td>
</tr>
</tbody>
</table>

Histogram of dosp_sp
3.45 `pnr_bel`: PNR (personal norm of reciprocity): Belief in reciprocity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pnr_bel</td>
<td>13</td>
<td>33</td>
<td>37</td>
<td>37.01</td>
<td>41</td>
<td>52</td>
</tr>
</tbody>
</table>

Histogram of `pnr_bel`
3.46 $\text{pnr\_pos}$: PNR (personal norm of reciprocity): Propensity for positive reciprocity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>pnr_pos</td>
<td>29</td>
<td>45</td>
<td>50</td>
<td>48.81</td>
<td>53</td>
<td>63</td>
</tr>
</tbody>
</table>

Histogram of pnr\_pos
3.47 \textit{pnr\_neg}: PNR (personal norm of reciprocity): Propensity for negative reciprocity

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
\hline
 & Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
pnr\_neg & 11 & 25 & 32 & 31.61 & 37 & 57 \\
\hline
\end{tabular}
\end{center}

\textbf{Histogram of pnr\_neg}

\begin{center}
\begin{tikzpicture}
\begin{axis}[
    title={Histogram of pnr\_neg},
    xlabel={pnr\_neg},
    ylabel={Density},
    xmin=10, xmax=60,
    ymin=0, ymax=0.04
]
\addplot[bar width=10pt,bar shift=0pt,fill=white] table [x index=0, y index=1] {data.csv};
\end{axis}
\end{tikzpicture}
\end{center}
3.48 neo_nr: NEO-FFI (Big5): Neuroticism

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>28</td>
<td>40</td>
<td>44</td>
<td>45.15</td>
<td>51</td>
<td>62</td>
</tr>
</tbody>
</table>

Histogram of neo_nr
3.49 neo_ex: NEO-FFI (Big5): Extraversion

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>47</td>
<td>52</td>
<td>52.32</td>
<td>58</td>
<td>65</td>
</tr>
</tbody>
</table>
3.50 neo_op: NEO-FFI (Big5): Openness

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>neo_op</td>
<td>38</td>
<td>51</td>
<td>57</td>
<td>56.13</td>
<td>61</td>
<td>70</td>
</tr>
</tbody>
</table>

Histogram of neo_op

![Histogram of neo_op](image_url)
3.51 neo_ag: NEO-FFI (Big5): Agreeableness

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>neo_ag</td>
<td>38</td>
<td>52</td>
<td>56</td>
<td>55.88</td>
<td>60</td>
<td>71</td>
</tr>
</tbody>
</table>

Histogram of neo_ag
3.52 neo_cn: NEO-FFI (Big5): Conscientiousness

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>50</td>
<td>55</td>
<td>54.87</td>
<td>60</td>
<td>70</td>
</tr>
</tbody>
</table>

Histogram of neo_cn
3.53 ecr_bang: ECR-RD (experiences in close relationships): Anxious about close relationships

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18</td>
<td>41</td>
<td>54</td>
<td>54.63</td>
<td>68</td>
<td>106</td>
</tr>
</tbody>
</table>

Histogram of ecr_bang
3.54  **ecr_bver**: ECR-RD (experiences in close relationships): Avoid close relationships

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ecr_bver</td>
<td>18</td>
<td>32</td>
<td>43</td>
<td>45.48</td>
<td>58</td>
<td>98</td>
</tr>
</tbody>
</table>

**Histogram of ecr_bver**

![Histogram of ecr_bver](image)
3.55 bdi: BDI II (Beck depression inventory): Depression severity

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>bdi</td>
<td>0</td>
<td>2</td>
<td>5</td>
<td>6.564</td>
<td>9</td>
<td>27</td>
</tr>
</tbody>
</table>

Histogram of bdi
3.56 \textit{sssv\_ta}: SSSV (sensation-seeking scale 5): Thrill and adventure seeking

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>35</td>
<td>43</td>
<td>42.34</td>
<td>50</td>
<td>60</td>
</tr>
</tbody>
</table>

Histogram of \textit{sssv\_ta}
3.57 \textit{sssv\_di}: SSSV (sensation-seeking scale 5): Disinhibition

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
\textbf{Min.} & \textbf{1st Qu.} & \textbf{Median} & \textbf{Mean} & \textbf{3rd Qu.} & \textbf{Max.} \\
12 & 30 & 36 & 35.16 & 41 & 57 \\
\end{tabular}
\end{center}

\begin{center}
\textbf{Histogram of sssv\_di}
\end{center}

\begin{center}
\begin{tikzpicture}
\begin{axis}[
    title={Histogram of sssv\_di},
    xlabel={sssv\_di},
    ylabel={Density},
    xmin=10, xmax=60,
    ymin=0.00, ymax=0.04,
    xtick={10,20,30,40,50,60},
    ytick={0.00,0.01,0.02,0.03,0.04},
]
\end{axis}
\end{tikzpicture}
\end{center}
3.58 \textit{sssv\_ex}: SSSV (sensation-seeking scale 5): Experience seeking

Format = numeric.

\begin{table}[h]
\centering
\begin{tabular}{ccccccc}
\hline
 & Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. \\
\hline
sssv\_ex & 19 & 34 & 39 & 38.98 & 43 & 58 \\
\hline
\end{tabular}
\end{table}

Histogram of \textit{sssv\_ex}
3.59 sssv_bd: SSSV (sensation-seeking scale 5): Boredom susceptibility

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13</td>
<td>27</td>
<td>32</td>
<td>31.47</td>
<td>36</td>
<td>47</td>
</tr>
</tbody>
</table>

Histogram of sssv_bd

![Histogram of sssv_bd](image-url)
3.60 mdbf: MDMQ (multidimensional mood state questionnaire): Current mood, arousal and anxiety state

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max</th>
</tr>
</thead>
</table>

Histogram of mdbf
3.61 pss: PSS (personal distress scale): Current perception of stress

Format = numeric.

<table>
<thead>
<tr>
<th></th>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
<td>pss</td>
<td>10</td>
<td>24</td>
<td>28</td>
<td>27.42</td>
<td>31</td>
<td>40</td>
</tr>
</tbody>
</table>

Histogram of pss

![Histogram of pss](image)
3.62 nopun_trans: P1’s transfer [CHF] (NPT; no-punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>6.074</td>
<td>10</td>
<td>10</td>
<td>534</td>
</tr>
</tbody>
</table>

Histogram of nopun_trans
3.63 `nopun_belief`: Player’s belief about their counterpart’s transfer/back-transfer [CHF] (NPT; no-punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
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<th>Mean</th>
<th>3rd Qu.</th>
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<tbody>
<tr>
<td>nopun_belief</td>
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<td>0</td>
<td>10</td>
<td>8.277</td>
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Histogram of `nopun_belief`
3.64 *nopun_b_trans0*: P2’s back-transfer if P1’s transfer would be 0

CHF [CHF] (NPT; no-punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
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<th>NA’s</th>
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<tbody>
<tr>
<td>nopun_b_trans0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.2715</td>
<td>0</td>
<td>20</td>
<td>540</td>
</tr>
</tbody>
</table>

Histogram of *nopun_b_trans0*
3.65 *nopun_b_trans10*: P2’s back-transfer if P1’s transfer would be 10 CHF [CHF] (NPT; no-punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>15</td>
<td>11.3</td>
<td>20</td>
<td>50</td>
<td>540</td>
</tr>
</tbody>
</table>

Histogram of *nopun_b_trans10*

![Histogram of nopun_b_trans10](image)
3.66 nopun_rt: Reaction time of players [seconds] (NPT; no-punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>Mean</th>
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<th>NA's</th>
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<tr>
<td>nopun_rt</td>
<td>1.466</td>
<td>3.1</td>
<td>4.617</td>
<td>6.664</td>
<td>7.784</td>
<td>58.06</td>
<td>306</td>
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</tbody>
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Histogram of nopun_rt
3.67 wipun_trans: P1’s transfer [CHF] (PT; punishment treatment)

Format = numeric.

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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>4.74</td>
<td>10</td>
<td>10</td>
<td>228</td>
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</table>

Histogram of wipun_trans
3.68  **wipun_b_trans0**: P2’s back-transfer if P1’s transfer would be 0

CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
</tr>
</thead>
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<td>0</td>
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<td>0</td>
<td>20</td>
<td>540</td>
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</tbody>
</table>

**Histogram of wipun_b_trans0**

![Histogram of wipun_b_trans0](image)
3.69 wipun\_b\_trans10: P2’s back-transfer if P1’s transfer would be 10 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
<thead>
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<th>Mean</th>
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<th>NA’s</th>
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<td>14.81</td>
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<td>50</td>
<td>540</td>
</tr>
</tbody>
</table>

Histogram of wipun\_b\_trans10
3.70 pun0: P1’s punishment amount if P2’s back-transfer would be 0
CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1</td>
<td>3.013</td>
<td>5</td>
<td>10</td>
<td>534</td>
</tr>
</tbody>
</table>

Histogram of pun0
3.71 pun5: P1’s punishment amount if P2’s back-transfer would be 5 CHF [CHF] (PT; punishment treatment)

Format = numeric.

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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
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</thead>
<tbody>
<tr>
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<td>0</td>
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<td>2.407</td>
<td>4</td>
<td>10</td>
<td>534</td>
</tr>
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</table>

Histogram of pun5
3.72 pun10: P1’s punishment amount if P2’s back-transfer would be 10 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
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<th>Mean</th>
<th>3rd Qu.</th>
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<th>NA’s</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1.815</td>
<td>2.25</td>
<td>10</td>
<td>534</td>
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</table>

Histogram of pun10
3.73 pun15: P1’s punishment amount if P2’s back-transfer would be 15 CHF [CHF] (PT; punishment treatment)

Format = numeric.

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<th>Mean</th>
<th>3rd Qu.</th>
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<th>NA’s</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1.27</td>
<td>2</td>
<td>10</td>
<td>534</td>
</tr>
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</table>

Histogram of pun15
3.74 pun20: P1’s punishment amount if P2’s back-transfer would be 20 CHF [CHF] (PT; punishment treatment)

Format = numeric.

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<th>Mean</th>
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<tr>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0.5889</td>
<td>0</td>
<td>10</td>
<td>534</td>
</tr>
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</table>

Histogram of pun20
3.75 pun25: P1’s punishment amount if P2’s back-transfer would be 25 CHF [CHF] (PT; punishment treatment)

Format = numeric.

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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.3704</td>
<td>0</td>
<td>10</td>
<td>534</td>
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</table>

Histogram of pun25
3.76 pun30: P1’s punishment amount if P2’s back-transfer would be 30 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
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<th>Mean</th>
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<th>NA’s</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>0</td>
<td>0</td>
<td>0.3056</td>
<td>0</td>
<td>10</td>
<td>534</td>
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</table>

Histogram of pun30
3.77 *pun35*: P1’s punishment amount if P2’s back-transfer would be 35 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>0</td>
<td>0.2704</td>
<td>0</td>
<td>10</td>
<td>534</td>
</tr>
</tbody>
</table>

Histogram of pun35
3.78 \textit{pun40}: P1’s punishment amount if P2’s back-transfer would be 40 CHF [CHF] (PT; punishment treatment)

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. & NA’s \\
0 & 0 & 0 & 0.2574 & 0 & 10 & 534 \\
\end{tabular}
\end{center}

\textbf{Histogram of pun40}
3.79 pun45: P1’s punishment amount if P2’s back-transfer would be 45 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
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<th>Min.</th>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>0</td>
<td>0.2407</td>
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<td>10</td>
<td>534</td>
</tr>
</tbody>
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Histogram of pun45
3.80 pun50: P1’s punishment amount if P2’s back-transfer would be 50 CHF [CHF] (PT; punishment treatment)

Format = numeric.

<table>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
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</thead>
<tbody>
<tr>
<td>pun50</td>
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<td>0</td>
<td>0</td>
<td>0.2741</td>
<td>0</td>
<td>10</td>
<td>534</td>
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Histogram of pun50
3.81 belief_pre: Player’s belief about their counterpart’s transfer/back-transfer [CHF] (PT; punishment treatment)

Format = numeric.

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<tr>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>5</td>
<td>10</td>
<td>10.23</td>
<td>15</td>
<td>50</td>
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</table>

Histogram of belief_pre
3.82 belief_pos: P1’s belief about P2’s back-transfer [CHF] after P1 has used strategy-method for punishment amount (PT; punishment treatment)

Format = numeric.

<table>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
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</thead>
<tbody>
<tr>
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<td>5</td>
<td>15</td>
<td>12.94</td>
<td>20</td>
<td>50</td>
<td>534</td>
</tr>
</tbody>
</table>

Histogram of belief_pos

![Histogram of belief_pos](image-url)
3.83 \textit{wipun\_rt}: Reaction time of players [seconds] (PT; punishment treatment)

Format = numeric.

\begin{center}
\begin{tabular}{ccccccc}
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. & NA's \\
1.997 & 3.787 & 5.335 & 8.608 & 9.999 & 58.81 & 306 \\
\end{tabular}
\end{center}

\begin{center}
\textbf{Histogram of wipun\_rt}
\end{center}

![Histogram of wipun_r](image_url)
3.84 nobin_belief: Player’s belief about their counterpart’s back-transfer/punishment amount [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
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<tr>
<td>nobin_belief</td>
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<td>50</td>
</tr>
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</table>

Histogram of nobin_belief
3.85 nobin_rt: Reaction time of players [seconds] (NBT; punishment treatment)

Format = numeric.

<table>
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<tr>
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<th>1st Qu.</th>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA’s</th>
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<tbody>
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<td>7.277</td>
<td>14.93</td>
<td>18.58</td>
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Histogram of nobin_rt
3.86 nobin_trans: P1’s transfer [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>6</td>
<td>5.785</td>
<td>10</td>
<td>10</td>
<td>534</td>
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</tbody>
</table>

Histogram of nobin_trans

![Histogram of nobin_trans](image)
3.87 \( b_{\text{trans0}} \): P2's back-transfer if P1's transfer would be 0 CHF [CHF]
(NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
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</thead>
<tbody>
<tr>
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<td>0</td>
<td>0.1049</td>
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<td>540</td>
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</table>

Histogram of \( b_{\text{trans0}} \)
3.88 $b_{\text{trans1}}$: P2’s back-transfer if P1’s transfer would be 1 CHF [CHF]
(NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
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<th>NA’s</th>
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</thead>
<tbody>
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<td>0</td>
<td>0</td>
<td>0.9195</td>
<td>1</td>
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<td>540</td>
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</table>

Histogram of $b_{\text{trans1}}$
3.89 b_trans2: P2’s back-transfer if P1’s transfer would be 2 CHF [CHF]
(NBT; non-binary treatment)

Format = numeric.

<table>
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<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>2</td>
<td>1.818</td>
<td>3</td>
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<td>540</td>
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Histogram of b_trans2
3.90 b_trans3: P2’s back-transfer if P1’s transfer would be 3 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
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<td>0</td>
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<td>2.854</td>
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<td>20</td>
<td>540</td>
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</table>

Histogram of b_trans3
3.91 **b_trans4**: P2’s back-transfer if P1’s transfer would be 4 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>4</td>
<td>3.835</td>
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<td>25</td>
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</table>

**Histogram of b_trans4**

![Histogram of b_trans4](image-url)
3.92 \textit{b\textunderscore trans5}: P2's back-transfer if P1's transfer would be 5 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
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<th>NA's</th>
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<tbody>
<tr>
<td>b\textunderscore trans5</td>
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<td>5</td>
<td>4.951</td>
<td>8</td>
<td>32</td>
<td>540</td>
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Histogram of \textit{b\textunderscore trans5}
3.93 \textit{b\textsubscript{trans6}}: P2’s back-transfer if P1’s transfer would be 6 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

\begin{tabular}{rcccccc}
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. & NA’s \\
0 & 0 & 6 & 6.11 & 10 & 35 & 540 \\
\end{tabular}

\textbf{Histogram of \textit{b\textsubscript{trans6}}}
3.94 \textit{b\_trans7}: P2’s back-transfer if P1’s transfer would be 7 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>8</td>
<td>7.169</td>
<td>11</td>
<td>38</td>
<td>540</td>
</tr>
</tbody>
</table>

\textbf{Histogram of b\_trans7}
3.95  \textbf{b\textsubscript{trans8}}: P2’s back-transfer if P1’s transfer would be 8 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

\begin{tabular}{cccccccc}
\hline
Min. & 1st Qu. & Median & Mean & 3rd Qu. & Max. & NA's  \\
\hline
0 & 0 & 9 & 8.455 & 14 & 44 & 540  \\
\hline
\end{tabular}

\textbf{Histogram of b\textsubscript{trans8}}

\begin{center}
\includegraphics[width=\textwidth]{Histogram_b_trans8}
\end{center}
3.96 $b_{trans9}$: P2’s back-transfer if P1’s transfer would be 9 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max</th>
<th>NA’s</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>10</td>
<td>9.652</td>
<td>16</td>
<td>35</td>
<td>540</td>
</tr>
</tbody>
</table>

Histogram of $b_{trans9}$

![Histogram of b_trans9](image)
3.97 $b_{\text{trans10}}$: P2’s back-transfer if P1’s transfer would be 10 CHF [CHF] (NBT; non-binary treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>12</td>
<td>11.43</td>
<td>20</td>
<td>40</td>
<td>540</td>
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</table>

Histogram of $b_{\text{trans10}}$
3.98 transfp: P1’s transfer [CHF] (DT; direct feedback treatment)

Format = numeric.

<table>
<thead>
<tr>
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<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>10</td>
<td>8.945</td>
<td>10</td>
<td>10</td>
<td>306</td>
</tr>
</tbody>
</table>

Histogram of transfp
3.99 _transftrustee_: P2's back-transfer [CHF] (DT; direct feedback treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>15</td>
<td>20</td>
<td>15.33</td>
<td>20</td>
<td>50</td>
<td>540</td>
</tr>
</tbody>
</table>

Histogram of _transftrustee_
3.100 `dir_belief`: Player’s belief about their counterpart’s back-transfer/punishment amount [CHF] (DT; direct feedback treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>2</td>
<td>8.618</td>
<td>20</td>
<td>50</td>
</tr>
</tbody>
</table>

Histogram of `dir_belief`
3.101 **punish**: P1's punishment amount [CHF] (DT; direct feedback treatment)

Format = numeric.

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>1.33</td>
<td>1</td>
<td>10</td>
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</table>

Histogram of punish

![Histogram of punish](image_url)
3.102 dir\_rt: Reaction time of players [seconds] (DT; direct feedback treatment)

Format = numeric.

<table>
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<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.513</td>
<td>3.058</td>
<td>4.111</td>
<td>5.712</td>
<td>7.082</td>
<td>87.63</td>
<td>306</td>
<td></td>
</tr>
</tbody>
</table>

Histogram of dir\_rt
3.103 punishedbyprincipal: P2: P1's punishment amount [CHF]
(DT; direct feedback treatment)

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1.324</td>
<td>1.75</td>
<td>10</td>
<td>768</td>
</tr>
</tbody>
</table>

Histogram of punishedbyprincipal
3.104 alpha_out: LBW risk parameter: Subjective value of money; measures degree of risk aversion

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.4349</td>
<td>0.7384</td>
<td>0.8352</td>
<td>0.8669</td>
<td>0.9806</td>
<td>1.541</td>
<td>492</td>
</tr>
</tbody>
</table>

Histogram of alpha_out
3.105 beta_out: LBW risk parameter: Elevation; measures the attractiveness of gambling

Format = numeric.

<table>
<thead>
<tr>
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<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.5794</td>
<td>1.019</td>
<td>1.252</td>
<td>1.32</td>
<td>1.583</td>
<td>2.469</td>
<td>492</td>
</tr>
</tbody>
</table>

Histogram of beta_out
3.106 \texttt{gamma\_out}: LBW risk parameter: Curvature; measures the weighting discriminability

Format = numeric.

\begin{tabular}{lcccccc}

<table>
<thead>
<tr>
<th>Min.</th>
<th>1st Qu.</th>
<th>Median</th>
<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0384</td>
<td>0.2906</td>
<td>0.3968</td>
<td>0.4411</td>
<td>0.5815</td>
<td>1.312</td>
<td>492</td>
</tr>
</tbody>
</table>
\end{tabular}

\textbf{Histogram of gamma\_out}

\begin{figure}
\centering
\includegraphics[width=\textwidth]{histogram}
\caption{Histogram of gamma\_out}
\end{figure}
3.107 temper_out: LBW risk parameter: Sensitivity of choice probability to the value difference of expected value lottery minus sure amount

Format = numeric.

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>1st Qu.</th>
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<th>Mean</th>
<th>3rd Qu.</th>
<th>Max.</th>
<th>NA's</th>
</tr>
</thead>
<tbody>
<tr>
<td>temper_out</td>
<td>0.1009</td>
<td>0.7226</td>
<td>1.296</td>
<td>1.652</td>
<td>1.965</td>
<td>8.367</td>
<td>492</td>
</tr>
</tbody>
</table>

Histogram of temper_out

3.108 nptptnbt: Treatment order dummy: NPT; PT; NBT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>828</td>
<td>246</td>
</tr>
</tbody>
</table>
### 3.109 nptnbtpt: Treatment order dummy: NPT; NBT; PT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>900</td>
<td>174</td>
</tr>
</tbody>
</table>

### 3.110 ptnptnbt: Treatment order dummy: PT; NPT; NBT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>894</td>
<td>180</td>
</tr>
</tbody>
</table>

### 3.111 ptnbtntp: Treatment order dummy: PT; NBT; NPT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
<th></th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>894</td>
<td>180</td>
</tr>
</tbody>
</table>

### 3.112 nbtntpnt: Treatment order dummy: NBT; NPT; PT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
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<th>No</th>
<th>Yes</th>
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</thead>
<tbody>
<tr>
<td>Count</td>
<td>918</td>
<td>156</td>
</tr>
</tbody>
</table>
3.113 nbtptnpt: Treatment order dummy: NBT; PT; NPT; DT

Labels: 0 = No, 1 = Yes. Format = haven_labelled, numeric.

<table>
<thead>
<tr>
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<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td>936</td>
<td>138</td>
</tr>
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</table>
4 Literature
