**Preliminary Results**

**Coding**

Appropriateness is always coded as: 0 (totally inappropriate), 1 (very inappropriate), 2 (somewhat inappropriate), 3 (somewhat appropriate), 4 (very appropriate), and 5 (totally appropriate).

**How (in)appropriate is to break the different norms?**

All of the norm-breaking action are seen as inappropriate with scores substantially lower than the neutral point (2.5). Yet, there is also variation according to the specific norm (Figure 1; Table 1). Insulting the family member of someone is seen as the most inappropriate, followed by stealing, interrupting others, messaging on one’s mobile phone during class, and finally excluding someone from a WhatsApp group as the least inappropriate.

**Figure 1. Appropriateness rating for the five norm-breaking behaviours**

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*Note:* x-axis runs from 0 (totally inappropriate) to 5 (totally appropriate). Black line represents mean value.

**Are there differences in friend and non-friend (in)appropriateness of norm breaking?**

Generally, no. For most behaviours we do not find differences between friends and non-friends. We only find a difference for the WhatsApp group exclusion with the excluding behaviour of friends being viewed more appropriately than the behaviour of non-friends.

**Table 1. Appropriateness ratings for the five norm breaking scenarios**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Norm** | **Overall mean (SD)** | **Friends mean (SD)** | **Non-friends mean (SD)** | **Difference between friends and non-friends** |
| Stealing | 0.93 (1.10) | 0.90 (1.09) | 0.96 (1.10) | p=0.571 |
| Messaging on phone | 1.41 (1.16) | 1.42 (1.19) | 1.39 (1.13) | p=0.718 |
| Interrupting others | 1.18 (1.13) | 1.23 (1.13) | 1.12 (1.13) | p=0.279 |
| Insulting family | 0.58 (1.09) | 0.55 (1.10) | 0.61 (1.09) | p=0.536 |
| Excluding from WhatsApp group | 1.63 (1.40) | 1.99 (1.47) | 1.28 (1.24) | p<0.001 |

**Figure 2. Appropriateness rating for the five norm-breaking behaviours by friend and non-friend**

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**How (in)appropriate are the various punishments?**

Surprisingly, doing nothing is considered to be the most inappropriate (Table 2). While making an angry remark or avoiding the target are both considered marginally appropriate. Gossiping about the target is marginally inappropriate.

**Table 2. Punishment type appropriateness**

|  |  |
| --- | --- |
| **Punishment kind** | **Mean (SD)** |
| Doing nothing | 2.10 (0.74) |
| Making an angry remark | 2.76 (0.90) |
| Avoiding | 2.58 (0.99) |
| Talking about | 2.25 (0.73) |

**Table 3. Punishment type appropriateness in response to norm-breaking scenarios**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Norm breaking scenario** | **Doing nothing (SD)** | **Angry remark (SD)** | **Avoiding (SD)** | **Talking about (SD)** |
| Stealing | 1.66 (1.11) | 3.02 (1.18) | 3.15 (1.45) | 2.61 (1.10) |
| Messaging on phone | 2.58 (1.31) | 2.36 (1.14) | 2.20 (1.48) | 1.91 (1.17) |
| Interrupting others | 2.07 (1.00) | 2.81 (1.26) | 2.22 (1.41) | 2.19 (1.12) |
| Insulting family | 1.97 (1.17) | 2.85 (1.63) | 2.78 (1.35) | 2.23 (1.25) |
| Excluding from WhatsApp group | 2.24 (1.10) | 2.81 (1.31) | 2.56 (1.36) | 2.29 (1.05) |

**Figure 3. Punishment type appropriateness in response to norm-breaking scenarios**

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**How (in)appropriate are the various punishments when broken down across friends and non-friends?**

**Table 4. Appropriateness of punishments for stealing**

|  |  |  |  |
| --- | --- | --- | --- |
| **Punishment type** | **Friend mean (SD)** | **Non-friend mean (SD)** | **Difference** |
| Doing nothing | 1.68 (1.10) | 1.63 (1.13) | p=0.680 |
| Making an angry remark | 3.01 (1.23) | 3.03 (1.13) | p=0.850 |
| Avoiding | 3.11 (1.49) | 3.19 (1.41) | p=0.578 |
| Talking about | 2.53 (1.18) | 2.70 (1.02) | p=0.086 |

**Table 5. Appropriateness of punishments for messaging with mobile phone**

|  |  |  |  |
| --- | --- | --- | --- |
| **Punishment type** | **Friend mean (SD)** | **Non-friend mean (SD)** | **Difference** |
| Doing nothing | 2.49 (1.30) | 2.68 (1.32) | p=0.106 |
| Making an angry remark | 2.32 (1.10) | 2.39 (1.18) | p=0.532 |
| Avoiding | 2.20 (1.48) | 2.20 (1.48) | p=0.966 |
| Talking about | 1.82 (1.19) | 2.00 (1.13) | p=0.082 |

**Table 6. Appropriateness of punishments for interrupting others**

|  |  |  |  |
| --- | --- | --- | --- |
| **Punishment type** | **Friend mean (SD)** | **Non-friend mean (SD)** | **Difference** |
| Doing nothing | 2.04 (1.03) | 2.11 (0.97) | p=0.410 |
| Making an angry remark | 2.84 (1.26) | 2.78 (1.26) | p=0.564 |
| Avoiding | 2.24 (1.42) | 2.20 (1.41) | p=0.807 |
| Talking about | 2.13 (1.11) | 2.25 (1.12) | p=0.230 |

**Table 7. Appropriateness of punishments for insulting family members**

|  |  |  |  |
| --- | --- | --- | --- |
| **Punishment type** | **Friend mean (SD)** | **Non-friend mean (SD)** | **Difference** |
| Doing nothing | 1.94 (1.15) | 1.99 (1.18) | p=0.609 |
| Making an angry remark | 2.81 (1.64) | 2.88 (1.62) | p=0.618 |
| Avoiding | 2.81 (1.39) | 2.75 (1.32) | p=0.601 |
| Talking about | 2.26 (1.25) | 2.19 (1.25) | p=0.526 |

**Table 8. Appropriateness of punishments for excluding others from a WhatsApp group**

|  |  |  |  |
| --- | --- | --- | --- |
| **Punishment type** | **Friend mean (SD)** | **Non-friend mean (SD)** | **Difference** |
| Doing nothing | 2.34 (1.08) | 2.13 (1.11) | p=0.038 |
| Making an angry remark | 2.90 (1.24) | 2.73 (1.37) | p=0.146 |
| Avoiding | 2.63 (1.33) | 2.48 (1.38) | p=0.239 |
| Talking about | 2.40 (1.04) | 2.18 (1.04) | p=0.017 |

**To do:**

* Physical punishment in response to stealing.
* Emotional responses.
* Network statistics