**Supplemental Material**

**Not intended, still embarrassed: social anxiety is related to increased levels of embarrassment in response to unintentional social norm violations**

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**Supplemental Methods**

**Participants**

Participants were recruited via flyers, in-class announcements and by word of mouth and tested between November 2014 and December 2015 (adults: November - December 2014; adolescents: June 2015 - December 2015). Adolescents were recruited at a secondary school in the Netherlands; adults were students from Leiden University, Faculty of Social and Behavioral Sciences. After performing the experiment, participants were debriefed about the aim of the study and they received a compensation for partaking in the experiment (adults: study credits; adolescents: chocolate bar).

Ninety-four participants signed up for the current experiment; four participants were excluded from participation because they did not meet the selection criteria (*n* = 3: present medication use; *n* = 1: present physical disorder). Furthermore, data from three participants were excluded from the analyses because they performed a version of the SNPT-R that did not match their age. Therefore, the total sample size of the present study was 87 participants.

**Supplemental Results**

**ANCOVAs including group as between-subjects factor**

The results of the ANCOVAs (summarized in STable 1 and STable 2) including group as a between-subject factor show that the effects of SA-Z on the ratings of inappropriateness and embarrassment, as well as the interactions between SA-Z and condition, are comparable to the effects reported in the main text of the paper. Furthermore, the significant effects of group (both on the ratings of inappropriateness as well as on the ratings of embarrassment) and the interactions between group and condition, are in line with the results reported previously [1]. However, neither the SA-Z x group x condition interactions, nor the SA-Z x group interactions, reached significance. We take these findings as an indication that the effects of SA-Z, as described in the paper, are not influenced by group.

**Supplemental Table 1**

**ANCOVA Condition x group, with SA-Z as covariate – inappropriateness ratings**

In line with Bas-Hoogendam et al. (2017) [1], group is based on the version of the SNPT-R: group 1: boys < 18 years of age; group 2: girls < 18 years of age; group 3: men ≥ 18 years of age; group 4: women ≥ 18 years of age.

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| **Within-subjects effects** | **F** | **p** | **Partial η2** |
| Main effect condition | F(1.6, 127.9) = 2065.3 | **p < 0.001** | 0.96 |
| Interaction condition x SA-Z | F(1.6, 127.9) = 4.3 | **p = 0.022** | 0.05 |
| Interaction condition x group | F(4.9, 127.9) = 3.3 | **p = 0.008** | 0.11 |
| Interaction condition x group x SA-Z | F(4.9, 127.9) = 0.8 | P = 0.53 | 0.03 |

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| **Between-subjects effects** | **F** | **p** | **Partial η2** |
| Main effect SA-z | F(1, 78) = 7.5 | **p = 0.008** | 0.09 |
| Main effect group | F(3, 78) = 4.2 | **p = 0.008** | 0.14 |
| Interaction SA-z x group | F(3, 78) = 0.1 | p = 0.94 | 0.005 |

**Supplemental Table 2**

**ANCOVA Condition x group, with SA-Z as covariate – embarrassment ratings**

In line with Bas-Hoogendam et al. (2017) [1], group is based on the version of the SNPT-R: group 1: boys < 18 years of age; group 2: girls < 18 years of age; group 3: men ≥ 18 years of age; group 4: women ≥ 18 years of age.

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| **Within-subjects effects** | **F** | **p** | **Partial η2** |
| Main effect condition | F(1.6, 127.7) = 837.6 | **p < 0.001** | 0.92 |
| Interaction condition x SA-Z | F(1.6, 127.7) = 5.9 | **p = 0.006** | 0.07 |
| Interaction condition x group | F(4.9, 127.7) = 2.7 | **p = 0.03** | 0.09 |
| Interaction condition x group x SA-Z | F(4.9, 127.7) = 1.8 | P = 0.11 | 0.07 |

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| **Between-subjects effects** | **F** | **p** | **Partial η2** |
| Main effect SA-z | F(1, 78) = 10.7 | **p = 0.002** | 0.12 |
| Main effect group | F(3, 78) = 7.5 | **p < 0.001** | 0.22 |
| Interaction SA-z x group | F(3, 78) = 0.9 | p = 0.42 | 0.04 |

**References**

[1] Bas-Hoogendam JM, van Steenbergen H, Kreuk T, van der Wee NJA, Westenberg PM. How embarrassing! The behavioral and neural correlates of processing social norm violations. PLoS One 2017;12:e0176326. doi:10.1371/journal.pone.0176326.