Supplementary Data

Table S1

*Items measuring benign envy, malicious envy, intensity of negative affect, and deservingness in Study 1*

|  |  |
| --- | --- |
| Scale | Items |
| Benign Envy | I tried harder to also obtain X. |
|  | I felt inspired to also obtain X. |
|  | I wished to also have X. |
|  | I desired X. |
|  | I admired the Person. |
|  | I liked the Person. |
|  | I wanted to be like the Person. |
| Malicious Envy | I felt coldness towards the Person. |
|  | I wished that the Person would fail at something. |
|  | I would have liked to damage X. |
|  | I would have liked to hurt the Person. |
|  | I wished that the Person would no longer have X. |
|  | I would have liked to take X away from the Person. |
|  | I had negative thoughts about the Person. |
| Intensity of Negative  | It hurt not to have X. |
| Affect | That the Person had X and I lacked it elicited strong negative feelings in me. |
|  | It felt frustrating that I did not have X. |
| Deservingness | The Person didn't deserve X. (r) |
|  | It felt undeserved that the Person had X and I hadn't. (r) |
|  | That the Person was in possession of X felt unfair. (r) |

*Note.* Person refers to the envied person. X refers to the envied person’s advantage. Items marked with an r are reversed coded. Answers were given on scales from 1 (*does not apply at all*) to 7 (*applies very much*).

Table S2

*Correlations of all Measures in Study 1*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 Benign Envya | - |  |  |  |  |  |  |
| 2 Malicious Envya | -.29\* | - |  |  |  |  |  |
| 3 Intensity of Negative Affecta | .25\* | .36\* | - |  |  |  |  |
| 4 Deservingnessa | .33\* | -.71\* | -.40\* | - |  |  |  |
| 5 Pride Occurrenceb | -.03 | -.07 | -.09 | .05 | - |  |  |
| 6 Authentic Pridec | .14 | -.08 | .19\* | .09 | -.18\* | - |  |
| 7 Hubristic Pridec | -.23\* | .63\* | .22\* | -.50\* | -.19\* | .08 | - |

*N* = 122

*Note.* Spearman Correlations. a Answers were given on a scale from 1 (*does not apply at all*) to 7 (*applies very much*). b Did you notice or hear of any occurrence of pride on the side of the person you envied in relation to his/her advantage? 1 – yes, 2 – no c Answers were given on a scale from 1 (*not at all*) to 5 (*extremely*) \* *p* < .05

Table S3

*Correlations of all Measures in Study 2*

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1 | 2 | 3 |
| 1 General Envy | - |  |  |
| 2 Benign Envy | .27\* | - |  |
| 3 Malicious Envy | .44\* | .18\* | - |

*N* = 120

*Note.* Spearman Correlations. Answers were given on a scale from 1 (*not at all*) to 7 (*very much*). \* *p* < .05

Table S4

*Items measuring benign envy, malicious envy, and intensity of negative affect in Study 3*

|  |  |
| --- | --- |
| Scale | Items |
| Benign Envy | Ich strenge mich mehr an, um in der nächsten Klausur ebenfalls eine gute Note zu bekommen. (I try harder to also obtain a good grade in the next exam.) |
|  | Tina/Tim inspiriert mich dazu, in der nächsten Klausur ebenfalls eine gute Note zu bekommen. (Tina/Tim inspires me to also obtain a good grade in the next exam.) |
|  | Tina/Tim motiviert mich dazu ihr nachzueifern. (Tina/Tim motivates me to emulate her/him.) |
|  | Tinas/Tims Erfolg ermutigt mich. (Tina’s/Tim’s success encourages me.) |
|  | Ich möchte wie Tina/Tim sein. (I want to be like Tina/Tim.) |
| Malicious Envy | Ich wünsche mir, dass Tina/Tim bei einer anderen Sache scheitert. (I wish that Tina/Tim would fail at something.) |
|  | Ich würde gerne über Tina/Tim lästern. (I would like to gossip about Tina/Tim.) |
|  | Ich würde Tina/Tim gerne weh tun. (I would like to hurt Tina/Tim.) |
|  | Ich wünsche mir, dass Tina/Tim die gute Note nicht mehr hat. (I wish that Tina/Tim would no longer have a good grade.) |
|  | Ich würde Tina/Tim die gute Note gerne wegnehmen. (I would like to take the good grade away from Tina/Tim.) |
| Intensity of Negative Affect | Es tut weh nicht so eine gute Note zu haben. (It hurts not to have a good grade.) |
|  | Dass Tina/Tim so eine gute Note hat und ich nicht verursacht starke negative Gefühle in mir. (That Hillary/Joe has a good grade and I lack it, elicits strong negative feelings in me.) |
|  | Es ist frustrierend, dass ich nicht so eine gute Note habe. (It feels frustrating that I do not have a good grade.) |

*Note.* Original items were in German. In parentheses are English translations. Answers were given on scales from 1 (*does not apply at all*) to 7 (*applies very much*).

Table S5

*Correlations of all Measures in Study 3*

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1 | 2 | 3 |
| 1 Benign Envy | - |  |  |
| 2 Malicious Envy | -.15\* | - |  |
| 3 Intensity of Negative Affect | .14\* | .44\* | - |

*N* = 301

*Note.* Answers were given on a scale from 1 (*not at all*) to 7 (*very much*). \* *p* < .05

Table S6

*Items measuring benign envy, malicious envy, and intensity of negative affect in Study 4*

|  |  |
| --- | --- |
| Scale | Items |
| Benign Envy | I try harder to also obtain a good grade in the next exam. |
|  | Hillary/Joe inspires me to also obtain a good grade in the next exam. |
|  | I wish to also have a good grade. |
|  | Hillary’s/Joe’s success encourages me. |
|  | I want to be like Hillary/Joe. |
| Malicious Envy | I wish that Hillary/Joe would fail at something. |
|  | I would like to gossip about Hillary/Joe. |
|  | I would like to hurt Hillary/Joe. |
|  | I wish that Hillary/Joe would no longer have a good grade. |
|  | I would like to take the good grade away from Hillary/Joe. |
| Intensity of Negative  | It hurts not to have a good grade. |
| Affect | That Hillary/Joe has a good grade and I lack it, elicits strong negative feelings in me. |
|  | It feels frustrating that I do not have a good grade. |

*Note.* Answers were given on scales from 1 (*does not apply at all*) to 7 (*applies very much*).

Table S7

*Correlations of all Measures in Study 4*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 Benign Envy | - |  |  |  |  |  |
| 2 Malicious Envy | -.32\* | - |  |  |  |  |
| 3 Liking | .50\* | -.51\* | - |  |  |  |
| 4 Prestige | .61\* | -.33\* | .51\* | - |  |  |
| 5 Dominance | -.35\* | .47\* | -.57\* | -.38\* | - |  |
| 6 Intensity of Negative Affect | .13\* | .38\* | -.35\* | .03 | .26\* | - |

*N* = 397

*Note*. Answers were given on scales from 1 to 7. \* *p* < .05

Items measuring envy in Study 5. Items marked with an r are reversed coded. Answers were given on a scale from 1 (*does not apply at all*) to 7 (*applies very much*).

1) Hillary/Joe inspires me to also obtain a good grade in the next exam.

2) I desire a good grade.

3) I wish that Hillary/Joe would fail at something. (r)

4) I want to be like Hillary/Joe.

5) I wish that Hillary/Joe would no longer have a good grade. (r)

6) I would like to take the good grade away from Hillary/Joe. (r)

7) Hillary/Joe doesn't deserve a good grade. (r)

Table S8

*Correlations of central Measures in Study 6*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 |
| 1 Authentic Pride Alex14a | - |  |  |  |  |
| 2 Hubristic Pride Alex14a | -.19\* | - |  |  |  |
| 3 Envious Selfa | .06 | .07 | - |  |  |
| 4 Set Difficultyb | -.22\* | .41\* | .16\* | - |  |
| 5 Persistencec | .10 | .09 | .01 | -.04 | - |

*N* = 187

*Note.* Spearman Correlations. One missing value for Envious Self. a Answers were given on a scale from 1 (*does not apply at al*) to 5 (*apply very much*). b Values vary from 8 to 24. c Measured in seconds. Values vary from 0 to 420. \* *p* < .05