

## Online Supplementary Material

Table S1

*Loadings of the BFI-2-S Items in a Random Intercept EFA with Oblimin Rotation (Study 2)*

Domain, facet, and item text	Extra- version	Agree- ableness	Conscien- tiousness	Negative Emotionality	Open- Mindedness
<b>Extraversion</b>					
<i>Sociability</i>					
Is outgoing, sociable.	<b>.70/ .76</b>	.18/ .09	-.03/-.02	.00/ .01	-.03/ .07
Tends to be quiet.	<b>-.72/-.74</b>	.00/ .03	.14/ .09	-.04/-.08	.07/ .03
<i>Assertiveness</i>					
Is dominant, acts as a leader.	<b>.59/ .58</b>	-.24/-.19	.17/ .11	-.02/-.03	.15/ .09
Prefers to have others take charge.	<b>-.47/-.40</b>	.15/ .18	-.15/-.15	.08/ .11	-.18/-.20
<i>Energy Level</i>					
Is full of energy.	<b>.55/ .64</b>	.14/ .14	.08/ .03	-.15/-.04	-.01/-.12
Is less active than other people.	<b>-.34/-.41</b>	-.04/ .01	-.19/-.20	.17/ .14	-.12/-.14
<b>Agreeableness</b>					
<i>Compassion</i>					
Is compassionate, has a soft heart.	.11/-.04	<b>.58/ .55</b>	.00/ .11	.27/ .23	.11/ .19
Can be cold and uncaring.	-.08/-.09	<b>-.66/-.73</b>	-.03/ .01	.00/-.07	.02/-.02
<i>Respectfulness</i>					
Is respectful, treats others with respect.	.02/-.14	<b>.51/ .47</b>	.12/ .19	-.03/-.07	.09/ .14
Is sometimes rude to others.	.16/ .19	<b>-.65/-.54</b>	-.07/ .00	.13/ .23	-.04/-.05
<i>Trust</i>					
Assumes the best about people.	.11/ .18	<b>.51/ .57</b>	-.07/-.04	-.06/-.10	-.02/-.14
Tends to find fault with others.	.00/-.03	<b>-.51/-.57</b>	.01/ .06	.22/ .15	.03/ .05
<b>Conscientiousness</b>					
<i>Organization</i>					
Keeps things neat and tidy.	.01/ .00	-.01/-.03	<b>.74/ .71</b>	.07/ .08	-.07/-.03
Tends to be disorganized.	.04/ .04	.01/ .01	<b>-.83/-.82</b>	-.02/ .01	.04/ .05
<i>Productiveness</i>					
Is persistent, works until the task is finished.	.05/ .07	.03/-.02	<b>.51/ .43</b>	-.07/-.06	.10/ .08
Has difficulty getting started on tasks.	-.09/-.07	.02/ .01	<b>-.50/-.44</b>	.13/ .16	-.02/ .10
<i>Responsibility</i>					
Is reliable, can always be counted on.	.05/ .02	.21/ .21	<b>.40/ .37</b>	-.10/-.10	.04/ .17
Can be somewhat careless.	.09/-.05	-.22/-.14	<b>-.49/-.42</b>	.05/ .02	-.04/-.11
<b>Negative Emotionality</b>					
<i>Anxiety</i>					
Worries a lot.	-.08/-.12	.03/-.01	.05/ .02	<b>.66/ .59</b>	.01/-.06
Is relaxed, handles stress well.	.05/ .03	.03/-.07	-.02/ .01	<b>-.69/-.66</b>	.03/ .02
<i>Depression</i>					
Tends to feel depressed, blue.	-.20/-.23	-.10/-.18	-.10/-.16	<b>.57/ .45</b>	.06/ .08
Feels secure, comfortable with self.	.25/ .29	.01/ .13	.14/ .14	<b>-.48/-.41</b>	.03/-.04

*Emotional Volatility*

Is temperamental, gets emotional easily.	.16/ .13	.01/-.05	-.01/ .00	<b>.73/ .72</b>	-.04/-.06
Is emotionally stable, not easily upset.	-.03/-.05	.01/ .00	-.02/-.01	<b>-.80/-.83</b>	-.01/-.03

## Open-Mindedness

*Aesthetic Sensitivity*

Is fascinated by art, music, or literature.	-.06/-.12	.05/ .06	-.05/-.01	.09/ .11	<b>.53/ .61</b>
Has few artistic interests.	.06/ .07	.02/-.06	.04/ .03	-.02/-.05	<b>-.58/-.66</b>

*Intellectual Curiosity*

Is complex, a deep thinker.	-.01/ .01	-.06/-.06	.06/ .14	.16/ .07	<b>.49/ .46</b>
Has little interest in abstract ideas.	.06/ .01	-.03/ .00	.11/ .00	.09/ .04	<b>-.59/-.62</b>

*Creative Imagination*

Is original, comes up with new ideas.	.15/ .23	.04/-.03	.04/-.04	-.05/-.14	<b>.57/ .51</b>
Has little creativity.	.00/-.10	-.04/ .01	.02/ .04	.02/ .07	<b>-.71/-.72</b>

## Factor intercorrelations

Agreeableness	.10/ .06				
Conscientiousness	.21/ .13	.17/ .18			
Negative Emotionality	-.22/-.23	-.23/-.24	-.26/-.24		
Open-Mindedness	.17/ .10	.12/ .14	.04/ .10	-.10/-.02	

*Note.* BFI-2 items copyright 2015 by Oliver P. John and Christopher J. Soto. Reprinted with permission. EFA = Exploratory factor analysis. Random intercept EFA constrains each item to load on an acquiescence method factor, in addition to the substantive factors. Loadings left of the forward slash are from the Internet validation sample ( $N = 2,000$ ). Loadings right of the forward slash are from the university validation sample ( $N = 423$ ). Gamma = 0. The average loading on the acquiescence method factor was .14 (range = .13 to .23) in the Internet sample and .15 (range = .12 to .24) in the university sample. Absolute loadings and correlations  $\geq .30$  are bolded.

Table S2

*Loadings of the BFI-2-S Items in a PCA with Varimax Rotation (Study 2)*

Domain, facet, and item text	Extra- version	Agree- ableness	Conscien- tiousness	Negative Emotionality	Open- Mindedness
<b>Extraversion</b>					
<i>Sociability</i>					
Is outgoing, sociable.	<b>.74/ .80</b>	.26/ .15	.01/ .00	-.07/-.07	.00/ .08
Tends to be quiet.	<b>-.73/-.76</b>	-.03/ .02	.12/ .14	.02/ .01	.05/ .01
<i>Assertiveness</i>					
Is dominant, acts as a leader.	<b>.71/ .70</b>	-.17/-.15	.22/ .16	-.04/-.03	.15/ .09
Prefers to have others take charge.	<b>-.57/-.50</b>	.12/ .19	-.21/-.22	.14/ .16	-.19/-.23
<i>Energy Level</i>					
Is full of energy.	<b>.66/ .71</b>	.23/ .19	.14/ .08	-.20/-.10	.00/-.13
Is less active than other people.	<b>-.44/-.46</b>	-.08/-.02	-.27/-.24	.26/ .26	-.13/-.17
<b>Agreeableness</b>					
<i>Compassion</i>					
Is compassionate, has a soft heart.	.14/-.01	<b>.66/ .63</b>	.03/ .16	.26/ .25	.14/ .22
Can be cold and uncaring.	-.05/-.07	<b>-.70/-.74</b>	-.11/-.04	.10/ .05	.00/-.07
<i>Respectfulness</i>					
Is respectful, treats others with respect.	.08/-.09	<b>.61/ .58</b>	.20/ .32	-.04/-.04	.10/ .16
Is sometimes rude to others.	.18/ .21	<b>-.68/-.59</b>	-.15/-.04	.22/ .33	-.07/-.09
<i>Trust</i>					
Assumes the best about people.	.14/ .22	<b>.63/ .66</b>	-.03/ .03	-.10/-.17	-.01/-.14
Tends to find fault with others.	.02/-.02	<b>-.59/-.65</b>	-.06/ .05	<b>.32/ .26</b>	.01/ .01
<b>Conscientiousness</b>					
<i>Organization</i>					
Keeps things neat and tidy.	.09/ .02	.03/ .02	<b>.74/ .73</b>	.02/ .02	-.10/-.02
Tends to be disorganized.	-.04/ .02	-.02/-.03	<b>-.80/-.77</b>	.07/ .12	.07/ .02
<i>Productiveness</i>					
Is persistent, works until the task is finished.	.15/ .16	.07/ .02	<b>.66/ .62</b>	-.08/-.03	.08/ .07
Has difficulty getting started on tasks.	-.14/-.08	.01/ .01	<b>-.62/-.54</b>	.20/ .25	.00/ .13
<i>Responsibility</i>					
Is reliable, can always be counted on.	.14/ .09	.29/ .31	<b>.54/ .54</b>	-.11/-.08	.03/ .18
Can be somewhat careless.	.10/-.05	-.22/-.15	<b>-.61/-.50</b>	.14/ .13	-.03/-.15
<b>Negative Emotionality</b>					
<i>Anxiety</i>					
Worries a lot.	-.12/-.15	-.02/-.05	-.02/-.01	<b>.75/ .73</b>	-.01/-.08
Is relaxed, handles stress well.	.15/ .11	.12/ .01	.08/ .09	<b>-.70/-.71</b>	.04/ .01
<i>Depression</i>					
Tends to feel depressed, blue.	-.25/-.27	-.16/-.23	-.20/-.25	<b>.66/ .56</b>	.05/ .07
Feels secure, comfortable with self.	<b>.36/ .38</b>	.10/ .21	.24/ .23	<b>-.54/-.48</b>	.03/-.04
<i>Emotional Volatility</i>					
Is temperamental, gets emotional easily.	.10/ .08	-.05/-.11	-.11/-.09	<b>.76/ .76</b>	-.05/-.06
Is emotionally stable, not easily upset.	.07/ .06	.11/ .10	.10/ .12	<b>-.77/-.77</b>	.01/-.05

## Open-Mindedness

*Aesthetic Sensitivity*

Is fascinated by art, music, or literature.	.00/-.10	.09/ .11	-.06/-.01	.09/ .13	<b>.64/ .68</b>
Has few artistic interests.	.04/ .07	.02/-.08	.03/ .04	.04/ .00	<b>-.67/-.72</b>

*Intellectual Curiosity*

Is complex, a deep thinker.	.09/ .07	-.03/-.02	.08/ .22	.21/ .12	<b>.56/ .54</b>
Has little interest in abstract ideas.	.03/-.03	-.05/-.04	.09/-.05	.16/ .05	<b>-.68/-.72</b>

*Creative Imagination*

Is original, comes up with new ideas.	.27/ <b>.32</b>	.10/ .04	.10/ .02	-.09/-.16	<b>.62/ .55</b>
Has little creativity.	-.06/-.14	-.07/-.03	-.02/ .01	.10/ .13	<b>-.75/-.76</b>

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Table S3

*Loadings of the BFI-2-XS Items in a Random Intercept EFA with Oblimin Rotation (Study 2)*

Domain and item text	Extra- version	Agree- ableness	Conscien- tiousness	Negative Emotionality	Open- Mindedness
<b>Extraversion</b>					
Tends to be quiet.	<b>-.69/-.77</b>	-.02/ .00	.13/ .08	.02/-.05	.04/-.02
Is dominant, acts as a leader.	<b>.56/ .58</b>	-.17/-.18	.21/ .14	.02/-.04	.14/ .12
Is full of energy.	<b>.53/ .58</b>	.19/ .17	.09/ .05	-.19/-.08	-.02/-.10
<b>Agreeableness</b>					
Is compassionate, has a soft heart.	.11/-.04	<b>.59/ .49</b>	.02/ .18	.22/ .27	.06/ .18
Is sometimes rude to others.	.20/ .21	<b>-.57/-.49</b>	-.08/ .04	.17/ .24	-.04/-.06
Assumes the best about people.	.08/ .16	<b>.52/ .57</b>	-.06/-.02	-.10/-.12	-.01/-.10
<b>Conscientiousness</b>					
Tends to be disorganized.	.06/ .02	.01/ .03	<b>-.76/-.72</b>	-.03/ .00	.03/ .02
Has difficulty getting started on tasks.	-.08/-.05	.01/ .01	<b>-.54/-.45</b>	.10/ .16	.01/ .12
Is reliable, can always be counted on.	.05/-.02	.18/ .16	<b>.44/ .38</b>	-.07/-.11	.02/ .22
<b>Negative Emotionality</b>					
Worries a lot.	-.04/-.07	.04/-.04	.05/ .03	<b>.68/ .58</b>	-.03/-.06
Tends to feel depressed, blue.	-.14/-.18	-.06/-.15	-.09/-.21	<b>.64/ .47</b>	.03/ .06
Is emotionally stable, not easily upset.	-.06/-.06	-.01/-.01	.01/ .04	<b>-.73/-.75</b>	.03/ .03
<b>Open-Mindedness</b>					
Is fascinated by art, music, or literature.	.06/-.02	.01/ .04	.08/ .01	.07/ .06	<b>-.65/-.72</b>
Has little interest in abstract ideas.	-.02/-.07	.05/ .07	-.01/ .00	.12/ .14	<b>.54/ .54</b>
Is original, comes up with new ideas.	.16/ .22	.05/ .06	.08/-.08	-.05/-.16	<b>.50/ .46</b>
<b>Factor intercorrelations</b>					
Agreeableness	.04/ .02				
Conscientiousness	.20/ .07	.17/ .22			
Negative Emotionality	-.22/-.23	-.19/-.24	<b>-.31/-.27</b>		
Open-Mindedness	.13/ .03	.16/ .12	.01/ .07	-.09/ .01	

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Table S4

*Loadings of the BFI-2-XS Items in a PCA with Varimax Rotation (Study 2)*

Domain and item text	Extra- version	Agree- ableness	Conscien- tiousness	Negative Emotionality	Open- Mindedness
<b>Extraversion</b>					
Tends to be quiet.	<b>-.77/-.78</b>	-.01/ .06	.11/ .10	.10/ .09	.05/-.03
Is dominant, acts as a leader.	<b>.73/ .74</b>	-.12/-.09	.25/ .15	-.01/ .00	.17/ .15
Is full of energy.	<b>.65/ .72</b>	.28/ .28	.19/ .07	-.26/-.16	.03/-.11
<b>Agreeableness</b>					
Is compassionate, has a soft heart.	.11/-.05	<b>.75/ .73</b>	.05/ .16	.23/ .26	.12/ .23
Is sometimes rude to others.	.29/ <b>.33</b>	<b>-.63/-.51</b>	-.18/ .02	.28/ <b>.45</b>	-.08/-.07
Assumes the best about people.	.10/ .20	<b>.73/ .72</b>	-.03/-.02	-.15/-.29	.01/-.12
<b>Conscientiousness</b>					
Tends to be disorganized.	.02/ .03	.03/-.02	<b>-.82/-.82</b>	.07/ .07	.05/ .00
Has difficulty getting started on tasks.	-.11/-.08	.04/ .03	<b>-.72/-.68</b>	.19/ .24	.01/ .15
Is reliable, can always be counted on.	.12/ .05	<b>.30/ .36</b>	<b>.62/ .53</b>	-.08/-.10	.04/ .29
<b>Negative Emotionality</b>					
Worries a lot.	-.08/-.08	.03/ .05	-.03/-.05	<b>.81/ .78</b>	-.04/-.07
Tends to feel depressed, blue.	-.20/-.23	-.09/-.17	-.22/-. <b>32</b>	<b>.74/ .61</b>	.01/ .07
Is emotionally stable, not easily upset.	.03/ .04	.08/ .07	.12/ .15	<b>-.76/-.74</b>	.06/ .03
<b>Open-Mindedness</b>					
Is fascinated by art, music, or literature.	.08/ .00	.02/ .07	.09/-.06	.15/ .08	<b>-.75/-.79</b>
Has little interest in abstract ideas.	-.01/-.10	.08/ .12	-.03/-.03	.13/ .17	<b>.75/ .73</b>
Is original, comes up with new ideas.	.26/ .29	.11/ .09	.12/-.09	-.08/-.23	<b>.67/ .62</b>

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