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Evaluating the psychometric quality of the Big Five Inventory (BFI-K) in a heterogeneous sample

Appendix B

Table B-1

Norms for the BFI-K (T-scores with a mean of 50 and a standard deviation of 10) for the total sample, males and females

	Total Sample (N=5163)					Gender									
						Male (n = 2382)					Female (n = 2781)				
	E	A	C	N	O	E	A	C	N	O	E	A	C	N	O
4	12	16	<1	16	-	12	15	<12	17	-	11	16	<1	15	-
5	16	20	5	21	<13	16	20	<12	21	<13	15	20	3	20	<15
6	19	25	10	25	<13	20	25	12	26	<13	18	24	8	24	<15
7	23	29	15	30	13	24	29	16	30	13	22	29	13	28	<15
8	27	33	19	34	16	28	34	21	35	17	26	33	18	33	15
9	31	38	24	38	20	32	39	25	40	20	30	37	22	37	18
10	35	42	29	43	23	36	43	30	44	24	34	42	27	41	22
11	39	47	34	47	27	40	48	35	49	28	38	46	32	46	26
12	43	53	38	51	30	44	52	39	53	31	42	50	37	50	29
13	46	56	43	56	34	48	57	44	58	35	45	55	42	54	33
14	50	60	48	60	37	51	62	49	62	39	49	59	47	58	36
15	54	65	52	64	41	55	66	53	67	42	53	63	52	63	40
16	58	69	57	69	44	60	71	58	71	46	57	68	56	67	43
17	62	74	62	73	48	63	76	63	76	50	61	72	61	71	47
18	66	78	67	78	51	67	80	67	81	53	65	76	66	76	50
19	70	83	71	82	55	71	>80	72	85	57	69	81	71	80	53

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20	74	87	76	87	58	75	>80	77	90	60	72	85	76	84	57
21	-	-	-	-	62	-	-	-	-	64	-	-	-	-	60
22	-	-	-	-	66	-	-	-	-	68	-	-	-	-	64
23	-	-	-	-	70	-	-	-	-	71	-	-	-	-	68
24	-	-	-	-	72	-	-	-	-	75	-	-	-	-	71
25	-	-	-	-	76	-	-	-	-	79	-	-	-	-	74

Note: The minimal sum score of the scale Openness to Experience is 5.

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Table B-2

Norms for the BFI-K (T-scores with a mean of 50 and a standard deviation of 10) for different levels of education

	Lowest educational degree (<i>n</i> = 565)					Middle educational degree (<i>n</i> = 1653)					Highest educational degree (<i>n</i> = 2945)				
	E	A	C	N	O	E	A	C	N	O	E	A	C	N	O
4	<19	<21	<12	16	-	<16	15	<3	<22	-	13	13	3	16	-
5	<19	21	<12	20	<15	16	20	3	22	<18	17	17	<8	20	<12
6	19	26	12	25	<15	20	24	<13	26	<18	21	22	8	25	<12
7	23	30	16	29	<15	23	28	13	30	<18	25	27	13	29	12
8	27	34	21	34	15	27	33	18	34	18	28	32	18	34	15
9	30	39	25	38	19	31	37	23	39	22	32	37	23	38	19
10	34	43	30	42	23	35	42	28	43	25	36	42	28	43	22
11	38	47	34	47	26	39	46	33	47	28	40	46	33	47	25
12	42	52	39	51	30	43	51	38	51	32	43	51	38	52	29
13	46	56	43	56	34	46	55	42	55	35	47	56	43	56	32
14	50	61	48	60	37	50	59	47	60	39	51	61	49	61	36
15	54	65	52	65	41	54	64	52	64	42	55	66	54	65	39
16	58	69	57	69	45	58	68	57	68	45	58	70	59	70	43
17	62	74	61	73	48	62	73	62	72	49	62	75	64	74	46
18	66	78	66	78	52	66	77	67	76	52	66	80	69	79	50
19	70	>78	70	82	56	69	82	72	81	56	70	>80	74	83	53
20	74	>78	75	>82	59	73	86	77	85	59	73	>80	79	88	56

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	Lowest educational degree (<i>n</i> = 565)	Middle educational degree (<i>n</i> = 1653)	Highest educational degree (<i>n</i> = 2945)
21	63	62	60
22	67	66	63
23	70	69	67
24	74	73	70
25	78	76	74

Note: The minimal sum score of the scale Openness to Experience is 5.

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Table B-3

Norms for the BFI-K (T-scores with a mean of 50 and a standard deviation of 10) for different age groups

	18-29 years (<i>n</i> = 2491)					30-44 years (<i>n</i> = 1826)					45-59 years (<i>n</i> = 733)					> 60 years (<i>n</i> = 133)				
	E	A	C	N	O	E	A	C	N	O	E	A	C	N	O	E	A	C	N	O
4	16	18	5	14	-	<15	<19	<7	<21	-	<16	12	<8	19	-	<24	<29	<17	<33	-
5	20	23	<13	19	<16	15	19	7	21	<21	16	<22	<8	<27	<15	<24	<29	<17	<33	<22
6	23	27	13	23	<16	19	24	11	26	<21	20	22	8	27	<15	<24	<29	<17	<33	<22
7	27	32	18	27	16	23	28	16	30	<21	24	27	<18	31	15	<24	29	<17	<33	<22
8	30	36	22	32	19	27	33	20	35	<21	28	31	18	36	<25	24	33	17	33	<22
9	34	40	26	36	22	30	38	25	39	21	31	36	23	40	<25	28	38	<27	37	<22
10	38	45	31	40	25	34	42	30	44	24	35	41	28	44	25	33	42	27	42	<22
11	41	49	35	45	29	38	47	34	48	28	39	46	33	48	29	37	46	32	47	22
12	45	54	39	49	32	42	51	39	52	31	43	50	37	53	32	41	50	37	51	26
13	48	58	44	53	35	46	56	43	57	35	47	55	42	57	35	46	55	43	56	30

Kovaleva, A., Beierlein, C., Kemper, C. J., & Rammstedt, B. (2012). Evaluating the psychometric quality of the Big Five Inventory (BFI-K) in a heterogeneous sample. Manuscript submitted for publication.

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14	52	63	48	58	38	49	61	48	61	38	51	60	47	61	39	50	59	48	60	34
15	55	67	52	62	41	53	65	53	66	41	54	65	52	65	42	54	63	53	65	39
16	59	71	57	66	44	57	70	57	70	45	58	69	57	70	45	59	67	58	70	43
17	62	76	61	71	48	61	75	62	75	48	62	74	62	74	49	63	72	63	>70	47
18	66	80	65	75	51	64	79	66	79	52	66	79	67	78	52	67	>72	68	79	51
19	69	<89	70	79	54	68	84	71	84	55	70	>79	72	83	56	72	>72	>68	>79	55
20	73	89	74	84	57	72	>84	76	>84	59	74	>79	76	>83	59	76	>72	>68	>79	59
21				60					62					62						63
22				64					66					66						67
23				67					69					69						71
24				70					73					72						>80
25				73					76					76						80

Note: The minimal sum score of the scale Openness to Experience is 5.