

ONLINE SUPPLEMENTAL MATERIAL C:

Item analyses of the S8\* with the score.items function from the “psych” R package (Revelle, 2014)

(Unstandardized) Alpha:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.89	.86	.78	.62	.80	.86	.80	.85

Average item correlation:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.74	.68	.54	.35	.57	.67	.57	.66

Guttman Lambda 6\* reliability:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.88	.85	.79	.60	.80	.84	.78	.84

Scale intercorrelations

Scale	Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
Duty	<b>.90</b>	.40	.20	-.11	-.42	.49	.13	-.13
Intellect	.35	<b>.86</b>	.05	.05	.09	.21	.25	.22
Adversity	.16	.04	<b>.78</b>	.23	-.21	.56	.47	.18
Mating	-.08	.03	.16	<b>.62</b>	.36	.16	.42	.50
pOsitivity	-.35	.07	-.16	.25	<b>.80</b>	-.49	.07	.61
Negativity	.43	.18	.46	.12	-.40	<b>.86</b>	.38	.01
Deception	.11	.21	.37	.30	.06	.31	<b>.80</b>	.39
Sociality	-.11	.19	.15	.36	.51	.01	.32	<b>.85</b>

Note. Raw correlations below the diagonal; alpha on the diagonal; corrected correlations above the diagonal (corrected for attenuation).

**Item by scale correlations: Corrected for item overlap and scale reliability**

S8* Items	Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
<i>Duty</i>								
A job needs to be done.	<b>.89</b>	.28	.12	-.10	-.38	.40	.09	-.15
Task-oriented thinking is required.	<b>.81</b>	.49	.15	-.16	-.25	.38	.08	-.05
*I have to fulfill my duties.	<b>.86</b>	.28	.23	-.03	-.44	.51	.18	-.14
<i>Intellect</i>								
The Situation contains intellectual stimuli.	.28	<b>.88</b>	-.01	.06	.17	.12	.16	.22
There is the opportunity to demonstrate intellectual capacities.	.31	<b>.81</b>	.03	.09	.17	.13	.27	.30
*Information needs to be deeply processed.	.41	<b>.75</b>	.11	-.03	-.13	.27	.19	.03
<i>Adversity</i>								
I am being criticized.	.19	.08	<b>.76</b>	.17	-.11	.45	.37	.21
I am being blamed for something.	.10	-.03	<b>.86</b>	.20	-.19	.40	.38	.11
I am being threatened by someone or something.	.15	.07	<b>.61</b>	.16	-.20	.41	.30	.04
<i>Mating</i>								
Potential sexual or romantic partners are present.	-.12	-.01	.08	<b>.57</b>	.25	.07	.19	.32
Physical attractiveness is relevant.	.00	.04	.20	<b>.56</b>	.19	.14	.34	.31
*The situation is sexually charged.	-.07	.07	.17	<b>.73</b>	.21	.09	.30	.26
<i>pOsitivity</i>								
The situation is pleasant.	-.40	.10	-.29	.19	<b>.81</b>	-.52	-.06	.40
The situation is playful.	-.20	.03	-.02	.38	<b>.59</b>	-.16	.18	.41
*The situation is joyous and exuberant.	-.35	.07	-.16	.25	<b>.86</b>	-.43	.04	.58
<i>Negativity</i>								
The situation could elicit stress.	.51	.21	.45	.12	-.38	<b>.84</b>	.35	.06
The situation could elicit feelings of tension.	.32	.17	.42	.18	-.33	<b>.81</b>	.34	.05
The situation could entail frustration.	.37	.14	.49	.10	-.49	<b>.77</b>	.25	-.08
<i>Deception</i>								
It is possible to deceive someone.	.14	.25	.38	.31	.04	.32	<b>.81</b>	.30
Someone in this situation could be deceptive.	.13	.11	.44	.30	-.06	.36	<b>.68</b>	.18
*Not dealing with others in an honest way is possible.	.04	.21	.26	.36	.16	.21	<b>.76</b>	.39
<i>Sociality</i>								
Close personal relationships are important or can develop.	-.19	.14	.10	.58	.54	-.04	.25	<b>.78</b>
Others show many communicative signals.	-.09	.22	.14	.32	.52	-.01	.39	<b>.79</b>
*Communication with other people is important or desired.	-.04	.19	.20	.32	.44	.08	.33	<b>.85</b>

Note. \* = additionally generated item for this study.