

ONLINE SUPPLEMENTAL MATERIAL B:

Item analyses of the RSQ-8* with the score.items function from the “psych” R package (Revelle, 2014)

(Unstandardized) Alpha:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.80	.83	.77	.71	.81	.90	.80	.88

Average item correlation:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.45	.50	.40	.33	.46	.64	.44	.60

Guttman Lambda 6* reliability:

Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
.86	.87	.84	.79	.85	.91	.82	.90

Scale intercorrelations

Scale	Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
Duty	.80	.47	.46	-.05	-.23	.48	.29	.05
Intellect	.38	.83	.14	.16	.26	.17	.35	.39
Adversity	.36	.11	.77	.21	-.38	.85	.66	.07
Mating	-.04	.12	.16	.71	.36	.13	.44	.63
pOsitivity	-.19	.21	-.30	.27	.81	-.54	-.07	.67
Negativity	.41	.15	.70	.10	-.46	.90	.56	-.03
Deception	.23	.28	.52	.33	-.05	.48	.80	.32
Sociality	.05	.34	.06	.50	.57	-.02	.27	.88

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

Items	Duty	Intellect	Adversity	Mating	pOsitivity	Negativity	Deception	Sociality
<i>Duty</i>								
A job needs to be done.	.83	.18	.28	-.14	-.35	.36	.13	-.18
I am being counted on.	.44	.31	.17	.21	.24	.12	.25	.47
Minor details are important.	.52	.50	.30	.05	.04	.31	.19	.18
Task-oriented thinking is required.	.83	.38	.32	-.17	-.22	.33	.13	-.08
*I have to fulfill my duties.	.82	.18	.40	-.08	-.41	.48	.23	-.18
<i>Intellect</i>								
The Situation contains intellectual stimuli.	.37	.86	.05	.04	.19	.10	.16	.21
There is the opportunity to demonstrate intellectual capacities.	.41	.81	.10	.09	.20	.11	.25	.30
There is the opportunity to express unusual ideas and points of views.	.18	.69	.01	.31	.47	-.01	.25	.55
The situation evokes values regarding life styles or politics.	.16	.52	.08	.14	.17	.12	.34	.30
*Information needs to be deeply processed.	.47	.72	.22	-.06	-.13	.28	.22	.01
<i>Adversity</i>								
I am being criticized.	.24	.09	.75	.18	-.12	.47	.48	.16
I am being blamed for something.	.11	-.02	.77	.17	-.22	.44	.49	.06
I am being threatened by someone or something.	.16	.07	.65	.14	-.22	.46	.43	.02
I am being dominated or bossed around.	.24	-.02	.71	.15	-.20	.49	.41	.08
*Troubles thwart me.	.52	.24	.62	.06	-.37	.76	.37	-.04
<i>Mating</i>								
Potential sexual or romantic partners are present.	-.07	.06	.08	.71	.22	.08	.18	.38
The situation contains stimuli that could be construed sexually.	-.05	.12	.16	.74	.19	.11	.33	.26
Physical attractiveness is relevant.	.09	.13	.18	.51	.15	.13	.36	.29
Members of the other sex are present.	-.06	.06	.08	.54	.28	.01	.21	.54
*The situation is sexually charged.	-.01	.11	.16	.71	.15	.11	.29	.24
<i>pOsitivity</i>								
The situation is pleasant.	-.27	.20	-.41	.20	.82	-.56	-.16	.43
The situation is playful.	-.08	.14	-.06	.36	.59	-.19	.14	.41
The situation is humorous.	-.16	.26	-.18	.32	.82	-.32	.05	.67
The situation is simple and clear-cut.	-.01	.05	-.33	-.06	.29	-.32	-.26	.06
*The situation is joyous and exuberant.	-.21	.19	-.27	.28	.89	-.45	-.06	.60
<i>Negativity</i>								
The situation elicits feelings of anxiety.	.34	.22	.68	.10	-.42	.79	.44	.02
The situation could elicit stress.	.52	.17	.63	.10	-.37	.81	.47	.01
The situation could elicit feelings of tension.	.36	.18	.58	.14	-.33	.80	.47	.03

The situation could entail frustration.	.35	.09	.66	.06	-.49	.83	.40	-.11
* The situation is unpleasant.	.26	.00	.70	.09	-.53	.79	.43	-.07
<i>Deception</i>								
It is possible to deceive someone.	.22	.32	.37	.29	.01	.32	.78	.25
A person or activity could be undermined.	.21	.20	.46	.25	-.09	.44	.59	.19
The situation could elicit feelings of hostility.	.19	.15	.61	.20	-.23	.57	.59	.07
Someone in this situation could be deceptive.	.16	.14	.44	.28	-.09	.36	.71	.14
*Not dealing with others in an honest way is possible.	.14	.30	.25	.36	.14	.20	.70	.37
<i>Sociality</i>								
Social interaction is possible.	.05	.33	.04	.53	.52	.00	.31	.84
Close personal relationships are important or can develop.	.01	.29	.06	.54	.52	-.03	.23	.79
Others show many communicative signals.	.08	.34	.08	.41	.54	-.03	.34	.79
A reassuring other person is present.	-.10	.21	-.07	.47	.52	-.13	.04	.65
*Communication with other people is important or desired.	.17	.33	.17	.38	.46	.09	.33	.86

Note. Bold items selected for the S8*.

* = additionally generated item for this study.