

Supplemental Materials for

**Well-Being and Resources of Minors With Refugee Background in Comparison to Minors With Migration or Native Background**

**ESM 1**

**ESM 1.1 Reliability of the Subscales of the QARCA**

*Cronbach’s Alpha of the Subscales of the QARCA for the Total Sample and for the Subsamples RM, NM and MM separately*

Scales (Example items)	Total	RM	NM	MM
Optimism ("Even if I have problems, I see the positive side")	.83	.79	.84	.84
Self-efficacy ("I can reach a lot with my ability")	.88	.85	.89	.88
Empathy ("I try hard to understand others")	.83	.78	.82	.84
Self-esteem ("I am proud of myself")	.87	.77	.88	.87
Sense of coherence ("I think my life makes sense")	.80	.78	.80	.79
Self-control ("I can concentrate well on my tasks")	.74	.78	.71	.75
Parental support („My parents can comfort me well“)	.91	.88	.91	.90
Authoritative parenting („My parents are warmhearted, but they also set limits form me“)	.79	.82	.77	.79
Integration into peer group ("I think others of my age like me")	.83	.76	.62	.83
School integration ("My classmates are nice to me")	.89	.89	.90	.90

*Note.* QARCA = Questionnaire to Assess Resources for Children and Adolescents. RM = refugee minors, MM = immigrant minors, NM = native minors.

**ESM 1.2 Correlations**

*Correlations (Pearson) for Study Variables*

Variable	<i>n</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Well-being		-																		
Demographics																				
2. Gender <sup>a</sup>	1602	.17*	-																	
3. Age	1602	-.22*	.04	-																
4. Migration background <sup>b</sup>	1602	-.06	-.01	.04	-															
5. Native <sup>c</sup>	1602	.17*	.00	-.05	-.76*	-														
Social resources																				
6. Parental support	1563	.47*	-.01	-.18*	-.03	.17*	-													
7. Authoritative parenting	1563	.33*	.02	-.13*	-.02	.14*	.70*	-												
8. Integration into peer group	1572	.44*	-.03	-.07*	.00	.16*	.51*	.49*	-											
9. School integration	1573	.46*	-.03	-.23*	-.06	.09*	.47*	.46*	.60*	-										
Personal resources																				
10. Optimism	1585	.54*	.12*	-.14*	-.02	.09*	.49*	.46*	.48*	.52*	-									
11. Self-efficacy	1568	.41*	.08*	-.11*	-.01	.05	.42*	.42*	.46*	.47*	.69*	-								
12. Empathy	1573	.16*	-.13*	-.03	.02	.09*	.33*	.38*	.42*	.37*	.43*	.45*	-							

13. Sense of coherence	1564	.49*	.12*	-.07*	.01	.11*	.50*	.49*	.51*	.47*	.74*	.70*	.50*	-						
14. Self-esteem	1569	.56*	.15*	-.25*	-.06	.04	.48*	.41*	.44*	.50*	.72*	.60*	.25*	.61*	-					
15. Self-control	1572	.44*	.09*	-.20*	-.06	.09*	.47*	.47*	.43*	.52*	.63*	.60*	.47*	.63*	.57*	-				
16. Religious identity	1573	.12*	-.01	-.08*	.08*	-.24*	.15*	.13*	.12*	.20*	.22*	.18*	.16*	.17*	.24*	.19*	-			
17. Religious practice	1598	.08*	.01	-.14*	.00	-.02	.12*	.13*	.07*	.10*	.15*	.11*	.11*	.12*	.17*	.17*	.57*	-		
Multicultural resources																				
18. Ethnic identity	836	.07	-.05	-.05	.20*	-.27*	.17*	.15*	.17*	.15*	.20*	.14*	.16*	.14*	.19*	.09*	.42*	.14*	-	
19. Bilingualism	1525	-.10*	.00	.14*	.35*	-.49*	-.06	-.04	-.06	-.04	.01	.04	.01	-.01	.01	-.01	.24*	.09*	.22*	-

Note. <sup>a</sup> 0 = female, 1 = male. <sup>b</sup> 0 = refugee or native minors, 1 = immigrant minors. <sup>c</sup> 0 = refugee or immigrant minors, 1 = native minors.

\* $p < .01$ .

**ESM 1.3 Regression: Total Sample (Hypotheses 3.1 and 3.2)**

*Regression Coefficients of Personal Resources, Social Resources and Background on Well-being*

Variable	B	SE	95% CI		$\beta$	p	sr <sup>2</sup>
			LL	UL			
<b>Step 1</b>							
Age	-.07	.01	-.09	-.06	-.23	.000	.06
Gender <sup>a</sup>	.25	.03	.18	.32	.18	.000	.04
<b>Step 2</b>							
Age	-.03	.01	-.04	-.02	-.09	.000	.01
Gender <sup>a</sup>	.15	.03	.09	.20	.11	.000	.02
Optimism	.20	.04	.13	.27	.19	.000	.02
Self-efficacy	-.05	.03	-.11	.01	-.05	.107	.00
Empathy	-.14	.03	-.20	-.09	-.13	.000	.02
Self-esteem	.18	.03	.13	.24	.20	.000	.03
Sense of coherence	.12	.04	.05	.19	.11	.001	.01
Self-control	.05	.03	-.02	.11	.04	.147	.00
Parental support	.22	.03	.16	.27	.23	.000	.04
Authoritative parenting	-.13	.03	-.19	-.08	-.13	.000	.01
Integration into peer group	.17	.03	.11	.22	.15	.000	.02
School integration	.10	.03	.05	.15	.11	.000	.01
Religious identity	-.01	.01	-.03	.02	-.01	.557	.00
Religious practice	-.01	.01	-.04	.02	-.02	.437	.00
<b>Step 3</b>							
Age	-.03	.01	-.04	-.02	-.09	.000	.01
Gender <sup>a</sup>	.15	.03	.09	.20	.11	.000	.02
Optimism	.19	.04	.12	.26	.19	.000	.02
Self-efficacy	-.04	.03	-.10	.02	-.04	.154	.00
Empathy	-.15	.03	-.20	-.10	-.14	.000	.02
Self-esteem	.20	.03	.14	.25	.21	.000	.03
Sense of coherence	.10	.04	.03	.17	.10	.003	.01
Self-control	.05	.03	-.01	.11	.04	.116	.00
Parental support	.20	.03	.14	.25	.21	.000	.03
Authoritative parenting	-.14	.03	-.19	-.08	-.13	.000	.01
Integration into peer group	.15	.03	.09	.21	.14	.000	.02
School integration	.11	.03	.06	.16	.11	.000	.01

Religious identity	.02	.01	-.01	.04	.03	.238	.00
Religious practice	-.02	.01	-.05	.00	-.04	.108	.00
Native background <sup>b</sup>	.21	.05	.12	.31	.16	.000	.01
Migration background <sup>c</sup>	.12	.05	.03	.22	.09	.010	.00

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*Note.*  $N = 1495$ . CI = confidence interval; LL = lower limit; UL = upper limit.

<sup>a</sup> 0 = female, 1 = male. <sup>b</sup> 0 = refugee or immigrant minors, 1 = native minors. <sup>c</sup> 0 = refugee or native minors, 1 = immigrant minors.

**ESM 1.4 Regression: Minors with a Migration Background (Hypotheses 4.1 and 4.2)**

*Regression Coefficients of Multicultural, Social and Personal Resources on Well-being among Minors with a Migration Background*

Variable	B	SE	95% CI		$\beta$	p	sr <sup>2</sup>
			LL	UL			
Step 1							
Age	-.07	.02	-.10	-.04	-.21	.000	.04
Gender <sup>a</sup>	.35	.07	.22	.48	.24	.000	.06
Step 2							
Age	-.07	.02	-.10	-.04	-.20	.000	.04
Gender	.35	.07	.22	.48	.24	.000	.06
Ethnic identity	.00	.04	-.06	.07	.01	.897	.00
Bilingualism <sup>b</sup>	-.01	.07	-.14	.12	-.01	.869	.00
Step 3							
Age	-.02	.01	-.05	.00	-.06	.095	.01
Gender	.21	.05	.10	.31	.14	.000	.04
Ethnic identity	-.10	.03	-.16	-.04	-.13	.001	.03
Bilingualism	-.03	.05	-.14	.07	-.02	.518	.00
Optimism	.17	.07	.04	.30	.16	.010	.02
Self-efficacy	-.05	.06	-.16	.06	-.05	.354	.00
Empathy	-.14	.05	-.23	-.05	-.13	.002	.02
Self-esteem	.18	.05	.07	.28	.18	.001	.02
Sense of coherence	.13	.07	.00	.26	.11	.057	.01
Self-control	-.01	.06	-.12	.10	-.01	.860	.00
Parental support	.28	.05	.18	.38	.29	.000	.07
Authoritative parenting	-.11	.05	-.21	.00	-.10	.040	.01
Integration into peer group	.18	.05	.08	.28	.16	.000	.03
School integration	.13	.05	.03	.22	.13	0.007	.02
Religious identity	.02	.02	-.03	.06	.03	0.471	.00
Religious practice	-.02	.03	-.07	.03	-.03	0.535	.00

Note. N = 439. CI = confidence interval; LL = lower limit; UL = upper limit.

<sup>a</sup> 0 = female, 1 = male. <sup>b</sup> 0 = no bilingualism, 1 = bilingualism.