

Bidimensional structure and measurement equivalence of the Patient Health

Questionnaire-9: Sex-sensitive assessment of depressive symptoms in three representative

German cohort studies

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Additional Table 2. ANOVA of overall depressive symptoms, somatic, and cognitive-affective depressive symptoms stratified by cohorts or sex

Overall depressive symptoms						
<i>Group comparisons</i>		Mean	SD	N	p	Effect size
Cohort	GHS	4.09	3.56	14732	<.0001	0.009
	KORA	3.36	3.30	3064		
	SHIP	3.18	3.33	1708		
Sex	women	4.35	3.63	9813	<.0001	0.017
	men	3.43	3.29	9691		
<i>Pairwise comparisons</i>		Mean diff	SD	LB	UB	
Cohort	GHS-KORA	0.21	0.02	0.17	0.25	
	GHS-SHIP	0.26	0.03	0.21	0.31	
	KORA-SHIP	0.05	0.03	-0.01	0.11	
Sex	women-men	0.26	0.01	0.24	0.29	
Somatic subscale						
<i>Group comparisons</i>		Mean	SD	N	p	Effect size
Cohort	GHS	2.42	2.01	14360	<.0001	0.009
	KORA	2.03	1.95	3066		
	SHIP	1.89	1.87	1711		
Sex	women	2.61	2.07	9594	<.0001	0.022
	men	2.02	1.86	9543		
<i>Pairwise comparisons</i>		Mean diff	SD	LB	UB	
Cohort	GHS-KORA	0.20	0.02	0.16	0.23	
	GHS-SHIP	0.27	0.03	0.22	0.32	
	KORA-SHIP	0.07	0.03	0.01	0.13	
Sex	women-men	0.30	0.01	0.27	0.33	
Cognitive-affective subscale						
<i>Group comparisons</i>		Mean	SD	N	p	Effect size
Cohort	GHS	1.68	1.95	14300	<.0001	0.007
	KORA	1.33	1.74	3064		
	SHIP	1.30	1.80	1711		
Sex	women	1.76	1.97	9570	<.0001	0.008
	men	1.41	1.82	9505		
<i>Pairwise comparisons</i>		Mean diff	SD	LB	UB	
Cohort	GHS-KORA	0.18	0.02	0.14	0.22	
	GHS-SHIP	0.20	0.03	0.15	0.25	
	KORA-SHIP	0.02	0.03	-0.04	0.08	
Sex	women-men	0.18	0.01	0.15	0.21	

Note: Mean diff = standardized mean differences, SD = standard deviation, LB = Lower bound & UB = Upper bound of 95% confidence interval, effect size = partial eta squared (η_p^2), GHS = Gutenberg Health Study, KORA = Cooperative Health Research in the Augsburg Region, SHIP = Study of Health in Pomerania.