

ANEKS 3

Model 1

Linear Regression

Model Summary – literacy_score

Model	R	R ²	Adjusted R ²	RMSE	R ² Change	F Change	df1	df2	p
M ₀	0.000	0.000	0.000	6.511	0.000		0	399	
M ₁	0.568	0.322	0.267	5.574	0.322	5.850	30	369	< .001

Note. M₁ includes dyslexia, arh_9_fhd, met_7_employment, met_0_sex, age, met_4_home, met_5_education, met_11_finances, met_12_finances_worry, met_13_motheredu, met_14_wwwshopping, met_15_wwwsocial, met_16_maths, met_17_health, met_19_sight, met_20_sleeptoday, met_21_sleepmonth, arh_0_ARHQ_learnreading, arh_1_ARHQ_readingskill, arh_2_ARHQ_learnsPELLing, arh_3_booksat14, arh_4_readbooks, arh_5_readtexts, arh_6_readassed, arh_7_readhelp, arh_10_socialtrust, arh_11_locuscontrol

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
M ₁	Regression	5451.633	30	181.721	5.850	< .001
	Residual	11462.804	369	31.065		
	Total	16914.438	399			

Note. M₁ includes dyslexia, arh_9_fhd, met_7_employment, met_0_sex, age, met_4_home, met_5_education, met_11_finances, met_12_finances_worry, met_13_motheredu, met_14_wwwshopping, met_15_wwwsocial, met_16_maths, met_17_health, met_19_sight, met_20_sleeptoday, met_21_sleepmonth, arh_0_ARHQ_learnreading, arh_1_ARHQ_readingskill, arh_2_ARHQ_learnsPELLing, arh_3_booksat14, arh_4_readbooks, arh_5_readtexts, arh_6_readassed, arh_7_readhelp, arh_10_socialtrust, arh_11_locuscontrol

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized ^a	t	p
M ₀	(Intercept)	31.162	0.326		95.724	< .001
M ₁	(Intercept)	20.006	3.281		6.097	< .001
	dyslexia (1)	0.678	1.080		0.628	0.531
	arh_9_fhd (1)	-1.117	0.915		-1.220	0.223
	met_7_employment (1)	-0.798	0.825		-0.967	0.334
	met_7_employment (2)	-1.703	2.659		-0.640	0.522
	met_7_employment (3)	-0.606	1.045		-0.580	0.562
	met_7_employment (4)	-1.330	1.242		-1.071	0.285
	met_0_sex (1)	-1.020	0.603		-1.692	0.091
	age	-0.043	0.030	-0.084	-1.441	0.150
	met_4_home	-0.337	0.266	-0.066	-1.268	0.205
	met_5_education	1.441	0.249	0.320	5.782	< .001
	met_11_finances	-0.156	0.496	-0.018	-0.315	0.753
	met_12_finances_worry	0.252	0.415	0.034	0.608	0.544
	met_13_motheredu	-0.196	0.315	-0.034	-0.623	0.533
	met_14_wwwshopping	0.002	0.270	4.768×10 ⁻⁴	0.009	0.993
	met_15_wwwsocial	-0.046	0.344	-0.008	-0.135	0.893
	met_16_maths	-0.150	0.293	-0.027	-0.514	0.607
	met_17_health	-0.221	0.419	-0.028	-0.528	0.598
	met_19_sight	0.321	0.384	0.042	0.838	0.403
	met_20_sleeptoday	0.284	0.310	0.049	0.916	0.360
	met_21_sleepmonth	-0.189	0.384	-0.026	-0.492	0.623
	arh_0_ARHQ_learnreading	0.065	0.527	0.009	0.124	0.902
	arh_1_ARHQ_readingskill	-0.463	0.558	-0.060	-0.829	0.407
	arh_2_ARHQ_learnsPELLing	0.527	0.364	0.088	1.449	0.148
	arh_3_booksat14	0.859	0.266	0.178	3.236	0.001
	arh_4_readbooks	-0.411	0.260	-0.081	-1.582	0.115
	arh_5_readtexts	0.602	0.353	0.089	1.703	0.089
	arh_6_readassed	1.078	0.436	0.127	2.472	0.014
	arh_7_readhelp	1.381	0.395	0.187	3.496	< .001
	arh_10_socialtrust	-0.030	0.268	-0.005	-0.112	0.911
	arh_11_locuscontrol	-0.319	0.232	-0.063	-1.376	0.170

^a Standardized coefficients can only be computed for continuous predictors.

Descriptives

	N	Mean	SD	SE
literacy_score	400	31.163	6.511	0.326
age	400	43.008	12.681	0.634
met_4_home	400	1.317	1.271	0.064
met_5_education	400	3.252	1.445	0.072
met_11_finances	400	2.010	0.739	0.037
met_12_finances_worry	400	1.150	0.866	0.043
met_13_motheredu	400	1.573	1.119	0.056
met_14_wwwshopping	400	2.625	1.341	0.067
met_15_wwwsocial	400	3.300	1.176	0.059
met_16_maths	400	2.473	1.159	0.058
met_17_health	400	1.175	0.810	0.040
met_19_sight	400	1.190	0.861	0.043
met_20_sleeptoday	400	2.660	1.117	0.056
met_21_sleepmonth	400	2.790	0.899	0.045
arh_0_ARHQ_learnreading	400	0.740	0.902	0.045
arh_1_ARHQ_readingskill	400	0.848	0.840	0.042
arh_2_ARHQ_learnspelling	400	1.177	1.086	0.054
arh_3_booksat14	400	1.640	1.351	0.068
arh_4_readbooks	400	1.837	1.283	0.064
arh_5_readtexts	400	3.395	0.960	0.048
arh_6_readassed	400	3.228	0.770	0.038
arh_7_readhelp	400	3.285	0.881	0.044
arh_10_socialtrust	400	2.757	1.092	0.055
arh_11_locuscontrol	400	1.350	1.281	0.064