

Table S3: SM_Logistic_Regression_results

Binomial Logistic Regression

Legend	
(1) PERC_RISK_VACC	Perceived risk of vaccination
(2) PERC_RISK_VACC	Perceived risk of vaccination
(3) PERC_UNCERTAIN	Perceived uncertainty
(4) TRUST_VACC_DEC	Trust in vaccination decision
(5) PREV_VACC	Previous vaccination
(6) SOCIAL_MEDIA	Social media use
(7) PREV_BEHAV	Engagement in preventive behaviours

Model Fit Measures

Model	Deviance	AIC	R ² _{McF}	R ² _{CS}	R ² _N	Overall Model Test		
						χ^2	df	p
1	218	238	0.309	0.320	0.449	97.2	9	< .001

Model Coefficients - VACCINAT

Predictor	Estimate	SE	Z	p	Odds ratio	95% Confidence Interval	
						Lower	Upper
Intercept	0.6092	1.980	0.308	0.758	1.839	0.0379	89.105
(5) PREV_VACC:							
Nu – Da	0.3707	0.392	0.946	0.344	1.449	0.6722	3.123
(4) TRUST_VACC_DEC:							
scazut – ridicat	2.1901	0.619	3.540	< .001	8.936	2.6579	30.045
mediu – ridicat	1.0555	0.419	2.520	0.012	2.873	1.2645	6.529
(1) PERC_RISK_ILL	0.2333	0.146	1.600	0.110	1.263	0.9489	1.680
(1) PERC_RISK_VACC	-1.5639	0.239	-6.530	< .001	0.209	0.1309	0.335
(2) PERC_VULN	-0.0309	0.120	-0.257	0.797	0.970	0.7660	1.227
(3) PERC_UNCERTAIN	0.1504	0.209	0.720	0.471	1.162	0.7719	1.750
(6) SOCIAL_MEDIA	-0.0399	0.128	-0.312	0.755	0.961	0.7476	1.235
(7) PREV_BEHAV	0.5170	0.273	1.895	0.058	1.677	0.9824	2.863

Note. Estimates represent the log odds of "VACCINAT = Nu" vs. "VACCINAT = Da"

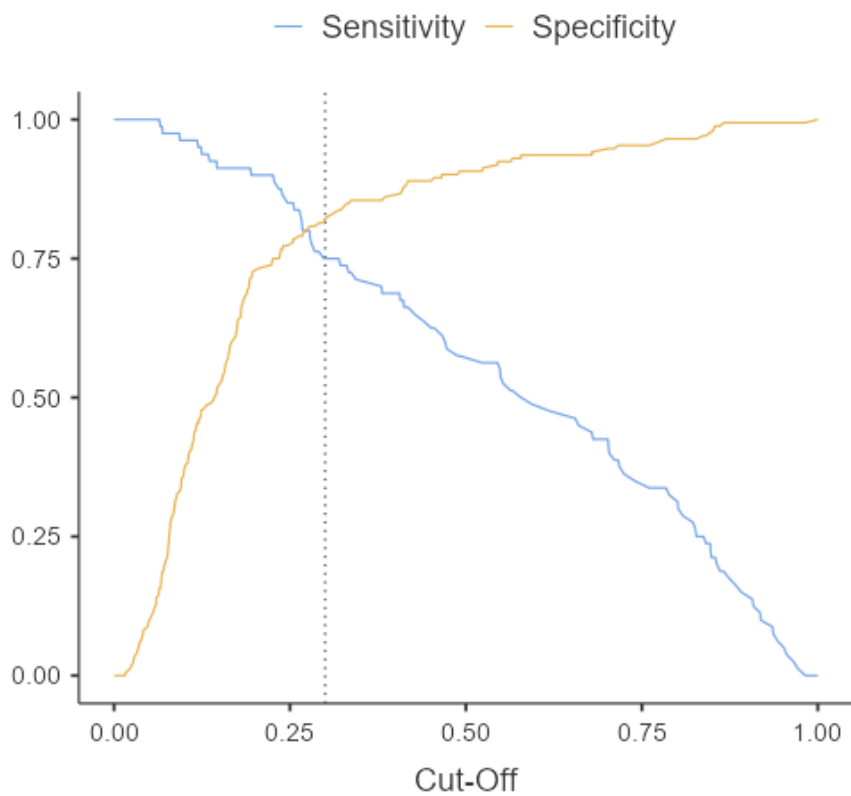
Assumption Checks

Collinearity Statistics

	VIF	Tolerance
(5) PREV_VACC	1.04	0.960
(4) TRUST_VACC_DEC	1.03	0.970
(1) PERC_RISK_ILL	1.23	0.816
(1) PERC_RISK_VACC	1.08	0.929
(2) PERC_VULN	1.24	0.807
(3) PERC_UNCERTAIN	1.01	0.986
(6) SOCIAL_MEDIA	1.03	0.967
(7) PREV_BEHAV	1.11	0.904

Prediction

Cut-Off Plot



Classification Table – ...

Observed	Predicted		
	Da	Nu	% Correct
Da	142	30	82.6
Nu	20	60	75.0

Note. The cut-off value is set to 0.3

Predictive Measures

Accuracy	Specificity	Sensitivity	AUC
0.802	0.826	0.750	0.868

Note. The cut-off value is set to 0.3

ROC Curve

