

Frequencies

Notes

Output Created		05-FEB-2026 14:43:17
Comments		
Input	Data	C: \\Users\\017518813\\Downloads\\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=intnrnetuse intnlly happy /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.08

Statistics

		frequency of internet use over past 12 months	r would feel lonely without internet?	general happiness
N	Valid	1629	1533	3281
	Missing	1680	1776	28

Frequency Table

frequency of internet use over past 12 months

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	almost all the time	788	23.8	48.4	48.4
	several times a day	578	17.5	35.5	83.9
	once a day	85	2.6	5.2	89.1
	several times a week	50	1.5	3.1	92.1
	several times a month	32	1.0	2.0	94.1
	less often	32	1.0	2.0	96.1
	never	64	1.9	3.9	100.0
	Total	1629	49.2	100.0	
Missing	iap	1667	50.4		
	no answer	3	.1		
	can't choose	4	.1		
	skipped on web	6	.2		
	Total	1680	50.8		
Total		3309	100.0		

r would feel lonely without internet?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	strongly agree	88	2.7	5.7	5.7
	agree	239	7.2	15.6	21.3
	neither agree nor disagree	352	10.6	23.0	44.3
	disagree	516	15.6	33.7	78.0
	strongly disagree	338	10.2	22.0	100.0
	Total	1533	46.3	100.0	
Missing	iap	1732	52.3		
	no answer	2	.1		
	can't choose	33	1.0		
	skipped on web	9	.3		
	Total	1776	53.7		
Total		3309	100.0		

general happiness

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	very happy	684	20.7	20.8	20.8
	pretty happy	1892	57.2	57.7	78.5
	not too happy	705	21.3	21.5	100.0
	Total	3281	99.2	100.0	
Missing	no answer	3	.1		
	don't know	13	.4		
	skipped on web	12	.4		
	Total	28	.8		
Total		3309	100.0		

Frequencies

Notes

Output Created		05-FEB-2026 14:57:20
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=intnrnetuse_r intlnly_r intskill_r /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.04

Statistics

		Frequency of internet use (reversed: higher = more use)	Would feel lonely without internet (reversed: higher = more lonely)	Internet skill (reversed: higher = more skilled)
N	Valid	1629	1533	1544
	Missing	1680	1776	1765

Frequency Table

Frequency of internet use (reversed: higher = more use)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	64	1.9	3.9	3.9
	2.00	32	1.0	2.0	5.9
	3.00	32	1.0	2.0	7.9
	4.00	50	1.5	3.1	10.9
	5.00	85	2.6	5.2	16.1
	6.00	578	17.5	35.5	51.6
	7.00	788	23.8	48.4	100.0
	Total	1629	49.2	100.0	
Missing	System	1680	50.8		
Total		3309	100.0		

Would feel lonely without internet (reversed: higher = more lonely)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	338	10.2	22.0	22.0
	2.00	516	15.6	33.7	55.7
	3.00	352	10.6	23.0	78.7
	4.00	239	7.2	15.6	94.3
	5.00	88	2.7	5.7	100.0
	Total	1533	46.3	100.0	
Missing	System	1776	53.7		
Total		3309	100.0		

Internet skill (reversed: higher = more skilled)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00	21	.6	1.4	1.4
	2.00	39	1.2	2.5	3.9
	3.00	210	6.3	13.6	17.5
	4.00	442	13.4	28.6	46.1
	5.00	832	25.1	53.9	100.0
	Total	1544	46.7	100.0	
Missing	System	1765	53.3		
Total		3309	100.0		

Correlations

Notes

Output Created		05-FEB-2026 15:05:53
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=intskill_r intlnly_r intrnetuse_r /PRINT=TWOTAIL NOSIG FULL /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.06

Correlations

		Internet skill (reversed: higher = more skilled)	Would feel lonely without internet (reversed: higher = more lonely)	Frequency of internet use (reversed: higher = more use)
Internet skill (reversed: higher = more skilled)	Pearson Correlation	1	.131**	.415**
	Sig. (2-tailed)		<.001	<.001
	N	1544	1519	1542
Would feel lonely without internet (reversed: higher = more lonely)	Pearson Correlation	.131**	1	.117**
	Sig. (2-tailed)	<.001		<.001
	N	1519	1533	1530
Frequency of internet use (reversed: higher = more use)	Pearson Correlation	.415**	.117**	1
	Sig. (2-tailed)	<.001	<.001	
	N	1542	1530	1629

** . Correlation is significant at the 0.01 level (2-tailed).

Pearson Correlations

Highly Positive : (None)

Positive : (Internet skill (reversed: higher = more skilled) <---> Would feel lonely without internet (reversed: higher = more lonely)), (Internet skill (reversed: higher = more skilled) <--->

Frequency of internet use (reversed: higher = more use)), (Would feel lonely without internet (reversed: higher = more lonely) <---> Frequency of internet use (reversed: higher = more use))

No Linear Correlation : (None)

Negative : (None)

Highly Negative : (None)

Note: Curated Help is calculated based on actual cell values, not the formatted values.

Descriptives

Notes

Output Created		05-FEB-2026 15:12:07
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=dig_engage /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.04

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Digital Engagement Index (use + skill + emotional reliance)	1633	1.00	7.00	4.2299	.97555
Valid N (listwise)	1633				

Correlations

Notes

Output Created		05-FEB-2026 15:15:35
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each pair of variables are based on all the cases with valid data for that pair.
Syntax		CORRELATIONS /VARIABLES=dig_engage happy /PRINT=TWOTAIL NOSIG FULL /MISSING=PAIRWISE.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.06

Correlations

		Digital Engagement Index (use + skill + emotional reliance)	general happiness
Digital Engagement Index (use + skill + emotional reliance)	Pearson Correlation	1	-.010
	Sig. (2-tailed)		.694
	N	1633	1622
general happiness	Pearson Correlation	-.010	1
	Sig. (2-tailed)	.694	
	N	1622	3281

Pearson Correlations

Highly Positive : (None)

Positive : (None)

No Linear Correlation : (None)

Negative : (Digital Engagement Index (use + skill + emotional reliance) <---> general happiness)

Highly Negative : (None)

Note: Curated Help is calculated based on actual cell values, not the formatted values.

Regression

Notes

Output Created		05-FEB-2026 15:20:04
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT happy /METHOD=ENTER age sex educ income /METHOD=ENTER dig_engage.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.09
	Memory Required	37328 bytes
	Additional Memory Required for Residual Plots	0 bytes

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	total family income, respondents sex, age of respondent, highest year of school completed ^b	.	Enter
2	Digital Engagement Index (use + skill + emotional reliance) ^b	.	Enter

a. Dependent Variable: general happiness

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.116 ^a	.014	.011	.615
2	.116 ^b	.014	.010	.615

a. Predictors: (Constant), total family income, respondents sex, age of respondent, highest year of school completed

b. Predictors: (Constant), total family income, respondents sex, age of respondent, highest year of school completed, Digital Engagement Index (use + skill + emotional reliance)

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7.278	4	1.819	4.811	<.001 ^b
	Residual	529.809	1401	.378		
	Total	537.087	1405			
2	Regression	7.280	5	1.456	3.847	.002 ^c
	Residual	529.807	1400	.378		
	Total	537.087	1405			

a. Dependent Variable: general happiness

b. Predictors: (Constant), total family income, respondents sex, age of respondent, highest year of school completed

c. Predictors: (Constant), total family income, respondents sex, age of respondent, highest year of school completed, Digital Engagement Index (use + skill + emotional reliance)

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	2.454	.122		20.087	<.001
	age of respondent	-.003	.001	-.071	-2.663	.008
	respondents sex	-.071	.033	-.057	-2.147	.032
	highest year of school completed	-.012	.006	-.053	-1.932	.054
	total family income	-.009	.007	-.033	-1.195	.232
2	(Constant)	2.460	.142		17.313	<.001
	age of respondent	-.003	.001	-.072	-2.508	.012
	respondents sex	-.071	.033	-.057	-2.134	.033
	highest year of school completed	-.012	.006	-.053	-1.869	.062
	total family income	-.009	.007	-.033	-1.186	.236
	Digital Engagement Index (use + skill + emotional reliance)	-.001	.020	-.002	-.072	.943

a. Dependent Variable: general happiness

Excluded Variables^a

Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics Tolerance
1	Digital Engagement Index (use + skill + emotional reliance)	-.002 ^b	-.072	.943	-.002	.819

a. Dependent Variable: general happiness

b. Predictors in the Model: (Constant), total family income, respondents sex, age of respondent, highest year of school completed

Logistic Regression

Notes

Output Created		05-FEB-2026 15:22:16
Comments		
Input	Data	C: \\Users\\017518813\\Downloads\\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES diagnosd /METHOD=ENTER dig_engage age sex educ income /CRITERIA=PIN(.05) POUT(.10) ITERATE(20) CUT(.5).
Resources	Processor Time	00:00:00.13
	Elapsed Time	00:00:00.14

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	1397	42.2
	Missing Cases	1912	57.8
	Total	3309	100.0
Unselected Cases		0	.0
Total		3309	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
yes	0
no	1

Block 0: Beginning Block

Classification Table^{a,b}

Observed			Predicted		Percentage Correct
			ever diagnosed with mh problem	no	
Step 0	ever diagnosed with mh problem	yes	0	345	.0
		no	0	1052	100.0
	Overall Percentage				75.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.115	.062	322.934	1	<.001	3.049

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Digital Engagement Index (use + skill + emotional reliance)	23.156	1	<.001
		age of respondent	26.355	1	<.001
		respondents sex	11.987	1	<.001
		highest year of school completed	7.813	1	.005
		total family income	2.041	1	.153
	Overall Statistics		55.690	5	<.001

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	59.238	5	<.001
	Block	59.238	5	<.001
	Model	59.238	5	<.001

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	1502.519 ^a	.042	.062

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table^a

Observed			Predicted		Percentage Correct
			ever diagnosed with mh problem yes	no	
Step 1	ever diagnosed with mh problem	yes	2	343	.6
		no	2	1050	99.8
	Overall Percentage				75.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a	Digital Engagement Index (use + skill + emotional reliance)	-.246	.086	8.170	1	.004	.782
	age of respondent	.015	.004	13.959	1	<.001	1.015
	respondents sex	-.419	.131	10.247	1	.001	.657
	highest year of school completed	-.065	.025	7.095	1	.008	.937
	total family income	.050	.027	3.518	1	.061	1.051
	Constant	2.520	.584	18.602	1	<.001	12.428

a. Variable(s) entered on step 1: Digital Engagement Index (use + skill + emotional reliance), age of respondent, respondents sex, highest year of school completed, total family income.

Logistic Regression

Notes

Output Created		05-FEB-2026 15:47:59
Comments		
Input	Data	C:\Users\017518813\Downloads\GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES diagnosd /METHOD=ENTER dig_engage age sex educ income /CRITERIA=PIN(.05) POUT(.10) ITERATE(20) CUT(.5).
Resources	Processor Time	00:00:00.19
	Elapsed Time	00:00:00.27

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	1397	42.2
	Missing Cases	1912	57.8
	Total	3309	100.0
Unselected Cases		0	.0
Total		3309	100.0

a. If weight is in effect, see classification table for the total number of cases.

**Dependent Variable
Encoding**

Original Value	Internal Value
yes	0
no	1

Block 0: Beginning Block

Classification Table^{a,b}

Observed			Predicted r ever diagnosed with mh problem		Percentage Correct
			yes	no	
Step 0	r ever diagnosed with mh problem	yes	0	345	.0
		no	0	1052	100.0
	Overall Percentage				75.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.115	.062	322.934	1	<.001	3.049

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Digital Engagement Index (use + skill + emotional reliance)	23.156	1	<.001
		age of respondent	26.355	1	<.001
		respondents sex	11.987	1	<.001
		highest year of school completed	7.813	1	.005
		total family income	2.041	1	.153
	Overall Statistics		55.690	5	<.001

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	59.238	5	<.001
	Block	59.238	5	<.001
	Model	59.238	5	<.001

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	1502.519 ^a	.042	.062

a. Estimation terminated at iteration number 5
because parameter estimates changed by less
than .001.

Classification Table^a

Observed			Predicted		Percentage Correct
			ever diagnosed with mh problem yes	no	
Step 1	r ever diagnosed with mh problem	yes	2	343	.6
		no	2	1050	99.8
	Overall Percentage				75.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a	Digital Engagement Index (use + skill + emotional reliance)	-.246	.086	8.170	1	.004	.782
	age of respondent	.015	.004	13.959	1	<.001	1.015
	respondents sex	-.419	.131	10.247	1	.001	.657
	highest year of school completed	-.065	.025	7.095	1	.008	.937
	total family income	.050	.027	3.518	1	.061	1.051
	Constant	2.520	.584	18.602	1	<.001	12.428

a. Variable(s) entered on step 1: Digital Engagement Index (use + skill + emotional reliance), age of respondent, respondents sex, highest year of school completed, total family income.

Logistic Regression

Notes

Output Created		05-FEB-2026 15:51:33
Comments		
Input	Data	C:\Users\017518813\Downloads\GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES diagnosd /METHOD=ENTER dig_engage age sex educ income /SAVE=PRED /CRITERIA=PIN(.05) POUT(.10) ITERATE(20) CUT(.5).
Resources	Processor Time	00:00:00.19
	Elapsed Time	00:00:00.25
Variables Created or Modified	PRE_1	Predicted probability

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	1397	42.2
	Missing Cases	1912	57.8
	Total	3309	100.0
Unselected Cases		0	.0
Total		3309	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
yes	0
no	1

Block 0: Beginning Block

Classification Table^{a,b}

Observed			Predicted		Percentage Correct
			ever diagnosed with mh problem	no	
Step 0	ever diagnosed with mh problem	yes	0	345	.0
		no	0	1052	100.0
	Overall Percentage				75.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	1.115	.062	322.934	1	<.001	3.049

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Digital Engagement Index (use + skill + emotional reliance)	23.156	1	<.001
		age of respondent	26.355	1	<.001
		respondents sex	11.987	1	<.001
		highest year of school completed	7.813	1	.005
		total family income	2.041	1	.153
	Overall Statistics		55.690	5	<.001

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	59.238	5	<.001
	Block	59.238	5	<.001
	Model	59.238	5	<.001

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	1502.519^a	.042	.062

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table^a

Observed			Predicted		Percentage Correct
			ever diagnosed with mh problem yes	no	
Step 1	ever diagnosed with mh problem	yes	2	343	.6
		no	2	1050	99.8
	Overall Percentage				75.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1 ^a	Digital Engagement Index (use + skill + emotional reliance)	-.246	.086	8.170	1	.004	.782
	age of respondent	.015	.004	13.959	1	<.001	1.015
	respondents sex	-.419	.131	10.247	1	.001	.657
	highest year of school completed	-.065	.025	7.095	1	.008	.937
	total family income	.050	.027	3.518	1	.061	1.051
	Constant	2.520	.584	18.602	1	<.001	12.428

a. Variable(s) entered on step 1: Digital Engagement Index (use + skill + emotional reliance), age of respondent, respondents sex, highest year of school completed, total family income.

GGraph

Notes

Output Created		05-FEB-2026 15:56:05
Comments		
Input	Data	C: \Users\017518813\Downloads\ GSS2024.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	3309
Syntax		<pre> GGRAPH /GRAPHDATASET NAME=" graphdataset" VARIABLES=dig_engage PRE_1 MISSING=LISTWISE REPORTMISSING=NO /GRAPHSPEC SOURCE=INLINE /FITLINE TOTAL=YES SUBGROUP=NO /COLORCYCLE COLOR1 (28,205,205), COLOR2 (161,24,80), COLOR3 (33,213,210), COLOR4 (79,33,150), COLOR5(0,158,154), COLOR6(0,114,195), COLOR7 (208,176,255), COLOR8 (0,97,97), COLOR9 (250,117,166), COLOR10(0,60,115), COLOR11(169,112,255), COLOR12(209,39,101), COLOR13(108,202,255), COLOR14(110,50,201), COLOR15(1,186,182), COLOR16(118,11,57), COLOR17(17,147,232), COLOR18(0,125,121), COLOR19(255,160,194), COLOR20(137,63,252) /FRAME OUTER=NO INNER=NO /GRIDLINES XAXIS=NO YAXIS=YES /STYLE GRADIENT=NO. BEGIN GPL SOURCE: s=userSource(id ("graphdataset")) DATA: dig_engage=col (source(s), name ("dig_engage")) DATA: PRE_1=col(source(s), name("PRE_1")) GUIDE: axis(dim(1), label ("Digital Engagement Index (use + skill + emotional reliance"))) GUIDE: axis(dim(2), label ("Predicted probability of mental health diagnosis")) ELEMENT: point(position (dig_engage*PRE_1)) END GPL. </pre>

Notes

Resources	Processor Time	00:00:04.39
	Elapsed Time	00:00:01.79

