Analysis Report

This report is designed to investigate the patterns of a dataset and is structured as follows.

Contents

Descriptives

The table below shows the Means, standard deviations, skewness of each variable under study, along with the sample size (N). Skewness and Kurtosis can be used to examine the normality of variables (variables that follow a normal distribution). Both values should remain between -1 and 1 to indicate normality (Hair et al., 2014). As can be seen in the table below, most values are within these thresholds, which indicates no substantial departs from normality. Only two variables show values slightly outside this range.

Descriptive Statistics

	N	Mean	Std. Deviation	Skewness	Kurtosis
I am aware of this brand.	188	3.68	1.125	-0.664	-0.303
I can recognize this brand among competing brands.	188	3.74	1.152	-0.854	0.007
I know what this brand looks like.	188	3.80	1.089	-0.982	0.457
The person has a good match with the brand.	188	3.94	0.879	-0.985	1.224
The compatibility between the person and the brand is high.	188	3.86	0.951	-0.953	0.873
The alignment between the person and the brand is high.	188	3.88	0.866	-0.610	0.121
The person and the brand/product have a high fit.	188	3.88	0.832	-0.622	0.344
I will recommend the product to other people.	188	3.58	1.170	-0.630	-0.468
I will say positive things about the product to other people.	188	3.69	1.019	-0.607	-0.154
I will encourage friends and relatives to buy the product.	188	3.54	1.190	-0.580	-0.521
This person makes me feel comfortable as if I am with a friend I see this person as a natural, down-to-earth person	185	3.96	0.896	-0.878	0.669
I look forward to watching this person in his/her next video.	185	3.88	0.913	-0.628	-0.096
If this person appeared in a video on another channel, I would watch or read his/her post.	185	3.92	0.902	-0.737	0.349
This person seems to understand the kind of things I want to know.	185	3.84	0.968	-1.024	1.152
If I saw a story about this person in a newspaper or magazine, I would read it.	185	4.04	0.846	-1.063	1.500
I miss seeing this person when he/she is ill or on vacation.	184	3.46	1.205	-0.522	-0.666
I want to meet this person in real life.	184	3.74	1.060	-0.659	-0.160
I feel sorry for this person when he/she makes a mistake.	184	3.66	0.985	-0.552	-0.160
I find this person attractive.	184	3.85	1.024	-0.803	0.419
I will wait for the product to be promoted again	177	3.53	1.103	-0.618	-0.312
I will buy the product from the promoted brand's website or store	177	3.55	1.138	-0.682	-0.198
I will wait for the product to be promoted by other influencers	179	3.28	1.272	-0.390	-0.921
In the medium term (less than 1 year)	179	3.47	1.177	-0.639	-0.385

In the long term (more than 1 year)	178	3.46	1.135	-0.637	-0.325
What is the probability that you will purchase online from the same person again?	176	61.41	26.303	-0.477	-0.579

Besides the variables that were measured on continuous scales, two additional variables were categorical. The following tables show the descriptive statistics of these variables.

Was it a sponsored Ad?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	I don't know	16	8.5%	8.6%	8.6%
	No	36	19.1%	19.3%	27.8%
	Yes	135	71.8%	72.2%	100.0%
	Total	187	99.5%	100.0%	
Missing		1	0.5%		
Total		188	100.0%		

You were born between 1996 and 2002

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	No	75	39.9%	39.9%	39.9%
	Yes	113	60.1%	60.1%	100.0%
	Total	188	100.0%	100.0%	

Most of the sample (71.8%) saw a sponsored Ad and was born between 1996 and 2002 (60.1%).

Missing Value analysis

This section aims at analysing the amount of missing data present in the sample. The figure below shows a summary of missing values. Only 18 participants (9.6%) showed blank responses to at least one variable. 15 of the 25 variables had complete answers for all participants, while 10 variables showed missing values. In terms of all the cells present in the data, 98.02% of them were filled.
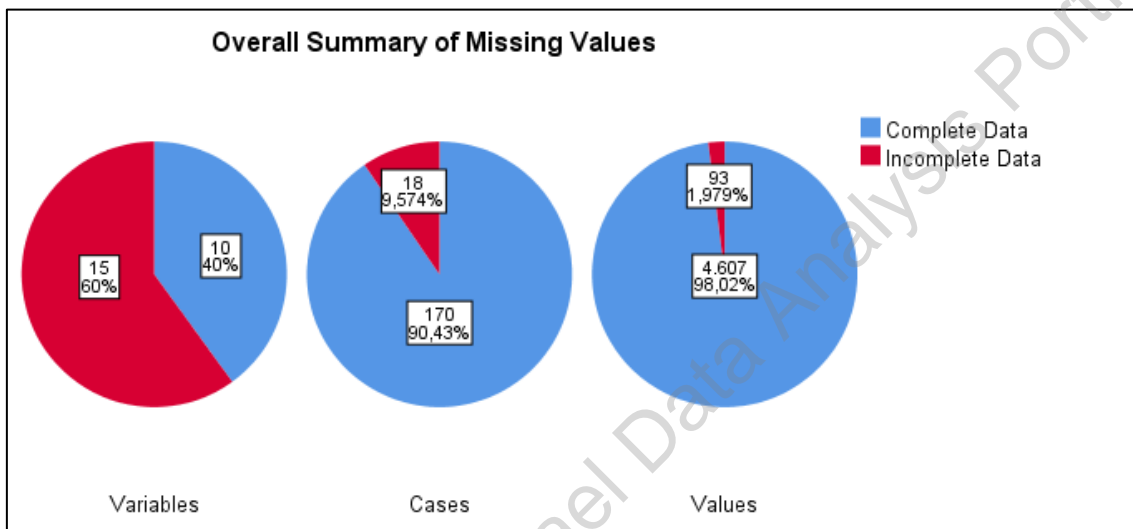
The table below shows the patterns of missing data per variable. The variable with the greatest number of missing cases was 'RB3_1' (6.4% of missing cases). Only one other variable (RP2) showed more than 5% of missing cases. With this small amount of missing values, it is very unlikely that there will be any distortion on the results if any imputation method is used, such as replacing the blank values by the mean of the variables (Fowler, 2009).

Univariate Statistics

	N	Mean	Std. Deviation	Missing	
				Count	Percent
BA1	188	3.68	1.125	0	0.0%
BA2	188	3.74	1.152	0	0.0%
BA3	188	3.80	1.089	0	0.0%
IBC1	188	3.94	0.879	0	0.0%
IBC2	188	3.86	0.951	0	0.0%
IBC3	188	3.88	0.866	0	0.0%

IBC4	188	3.88	0.832	0	0.0%
WOM1	188	3.58	1.170	0	0.0%
WOM2	188	3.69	1.019	0	0.0%
WOM3	188	3.54	1.190	0	0.0%
IFR1	185	3.96	0.896	3	1.6%
IFR2	185	3.88	0.913	3	1.6%
IFR3	185	3.92	0.902	3	1.6%
IFR4	185	3.84	0.968	3	1.6%
IFR5	185	4.04	0.846	3	1.6%
IFR6	184	3.46	1.205	4	2.1%
IFR7	184	3.74	1.060	4	2.1%
IFR8	184	3.66	0.985	4	2.1%
IFR9	184	3.85	1.024	4	2.1%
OPI1	177	3.53	1.103	11	5.9%
OPI2	177	3.55	1.138	11	5.9%
OPI3	179	3.28	1.272	9	4.8%
RP1	179	3.47	1.177	9	4.8%
RP2	178	3.46	1.135	10	5.3%
RB3_1	176	61.41	26.303	12	6.4%

Outlier analysis

An additional assumption of many statistical methods is that there are no significant multivariate outliers in the data, which might distort the models. A pragmatic approach to identify outliers is suggested by Hair et al. (2014): Mahalanobis distances. These are calculated for the variables to be entered on the multiple regression analysis and their results are divided by the number of variables. When sample sizes are large (100+), coefficients above 3.5 or 4.0 can be considered outliers (Hair et al., 2014). In this study, the highest value was 3.56. Since the sample size for the Mahalanobis calculation was 173, it can be concluded that there are no extreme values in the data that would need to be deleted.

Exploratory Factor Analysis

Factor analysis (FA) is a technique used to identify underlying factors present in the pattern of correlations among a set of measures. Where there is a large set of measures, factor analysis can determine whether there are subsets of items forming separate scales (Blaikie, 2008). This procedure can yield very useful results, making a further analysis

more profound and easier to interpret. What should be noted, however, is that the technique makes no reference to the conceptual meaning of a factor. This should be assessed by the researcher when looking at the empirical associations given by FA (Babbie, 1990). When the goal of the analysis is to look at the patterns of correlations among the variables, then the appropriate technique is Principal Component Analysis (PCA) (Tabachnick and Fidell, 2014).

Principal Component Analysis was performed on each scale to examine the factor structure underlying the data. Two assumptions were tested before proceeding to the analysis: the sampling adequacy and the test of Sphericity. Pallant (2010) states that the *Kaiser-Meyer-Olkin* (KMO) measure of sampling adequacy should be higher than 0.600, while *Barlett's* test of sphericity should indicate a significant value ($p < .05$). The test indicated no violation of these assumptions, since KMO's coefficient was 0.906 and *Barlett's* test was highly significant ($p < .001$) (table below).

KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		0.906
Bartlett's Test of Sphericity	Approx. Chi-Square	2370.662
	df	276
	Sig.	0.000

A possible number of factors on the data structure was examined using the 'Eigenvalue higher than 1' criteria suggested by Hair et al. (2014). The table below shows the output of SPSS with respect to eigenvalues. The four components showed eigenvalues larger than 1.000, which suggests that a solution with 4 components would be suitable.

Total Variance Explained

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings			Rotation Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	9.682	40.340	40.340	9.682	40.340	40.340	4.733	19.721	19.721
2	1.831	7.630	47.970	1.831	7.630	47.970	3.216	13.399	33.119
3	1.681	7.003	54.973	1.681	7.003	54.973	3.038	12.657	45.777
4	1.488	6.198	61.171	1.488	6.198	61.171	2.700	11.250	57.027
5	0.989	4.120	65.291	0.989	4.120	65.291	1.716	7.151	64.177
6	0.868	3.618	68.909	0.868	3.618	68.909	1.135	4.731	68.909
7	0.765	3.187	72.095						
8	0.733	3.056	75.152						

9	0.715	2.978	78.129
10	0.697	2.903	81.033
11	0.569	2.371	83.404
12	0.489	2.039	85.443
13	0.435	1.814	87.257
14	0.408	1.701	88.958
15	0.378	1.576	90.535
16	0.348	1.451	91.986
17	0.324	1.351	93.337
18	0.310	1.293	94.629
19	0.265	1.104	95.733
20	0.238	0.994	96.727
21	0.224	0.932	97.659
22	0.214	0.891	98.551
23	0.182	0.757	99.307
24	0.166	0.693	100.000

Extraction Method: Principal Component Analysis.

Following the indication from the eigenvalue criteria, an initial factor solution with four components was generated. The table below shows the factor loadings after a Varimax factor rotation. Factor loadings higher than 0.400 are highlighted.

Rotated Component Matrix[a]

	Component			
	1	2	3	4
BA1	0.207	0.138	0.169	**0.834**
BA2	0.220	0.192	0.148	**0.826**
BA3	0.183	0.157	0.138	**0.849**
IBC1	0.204	0.204	**0.708**	0.111
IBC2	0.198	0.226	**0.761**	0.066
IBC3	0.185	0.163	**0.787**	0.104
IBC4	0.154	0.143	**0.766**	0.170
WOM1	**0.741**	0.118	0.340	0.223
WOM2	**0.617**	0.177	**0.419**	0.172
WOM3	**0.754**	0.159	0.217	0.158
IFR1	0.174	**0.524**	0.247	0.166
IFR2	0.338	**0.603**	0.150	0.217
IFR3	0.128	**0.586**	**0.413**	0.171
IFR4	0.378	**0.496**	0.203	0.242
IFR5	0.083	**0.512**	0.333	0.166
IFR6	**0.438**	**0.640**	0.028	0.051
IFR7	0.161	**0.748**	0.129	0.005
IFR8	0.205	**0.612**	0.086	0.006
IFR9	0.178	**0.614**	0.105	0.172
OPI1	**0.640**	0.367	0.066	0.327
OPI2	**0.673**	0.203	0.220	0.211
OPI3	**0.687**	0.360	0.112	0.134
RP1	**0.751**	0.304	0.118	0.094
RP2	**0.768**	0.219	0.075	0.026

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.
a. Rotation converged in 7 iterations.

The solution suggest that one factor would be composed by WOM, OPI and RP indicators, a second factor would be formed by IFR indicators, a third factor would be formed by IBC and, finally, items representing BA would form the last factor. This solution suggests that BA and IBC are factors that are substantially uncorrelated with other factors, while other factors (such as WOM, OPI and RP) are correlated.

In order to test a solution with six components (factors), which would match the theoretically expected number of factors of the study, a second solution was executed and is shown in the table below.

Rotated Component Matrix[a]

	Component					
	1	2	3	4	5	6
BA1	0.199	0.176	0.090	**0.840**	0.127	-0.025
BA2	0.209	0.142	0.186	**0.827**	0.041	0.090
BA3	0.174	0.133	0.132	**0.851**	0.060	0.074
IBC1	0.192	**0.714**	0.157	0.116	0.138	0.035
IBC2	0.191	**0.728**	0.154	0.067	0.049	0.389
IBC3	0.171	**0.801**	0.138	0.110	0.126	-0.047
IBC4	0.141	**0.769**	0.119	0.174	0.081	0.045
WOM1	**0.728**	0.361	0.169	0.228	0.007	-0.077
WOM2	**0.603**	**0.446**	0.217	0.177	0.067	-0.132
WOM3	**0.737**	0.253	0.261	0.161	0.000	-0.216
IFR1	0.146	0.277	**0.665**	0.158	0.055	-0.180
IFR2	0.319	0.135	**0.675**	0.207	0.019	0.248
IFR3	0.120	0.368	**0.487**	0.168	0.159	**0.513**
IFR4	0.361	0.180	**0.556**	0.233	-0.029	0.319
IFR5	0.098	0.310	0.138	0.186	**0.606**	0.317
IFR6	**0.429**	0.039	**0.575**	0.055	0.312	0.030
IFR7	0.148	0.139	**0.692**	0.006	0.341	0.019
IFR8	0.219	0.110	0.234	0.033	**0.805**	-0.103
IFR9	0.176	0.099	**0.458**	0.178	0.384	0.159
OPI1	**0.637**	0.082	0.271	0.338	0.282	-0.027
OPI2	**0.679**	0.203	0.052	0.223	0.193	0.274
OPI3	**0.687**	0.131	0.233	0.149	0.334	-0.041
RP1	**0.748**	0.108	0.264	0.099	0.087	0.223
RP2	**0.775**	0.043	0.122	0.032	0.067	**0.413**

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.
a. Rotation converged in 9 iterations.

Similar to what was observed in the four-factor solution, items related to BA, IBC and IFR are loading on single factors (which would be expected), while items related to WOM, OPI and RP are still forming a unique construct/factor due to being correlated. The two additional factors (factors 5 and 6) have few sparse items with loadings higher than 0.400, which do not tell much about other factors that might be present in the data.

Correlation

The correlation matrix is shown in the last page of this document. It contains Pearson's correlation coefficient (r), statistical significance (p) and sample size (N). The following thresholds for statistical association can be considered when examining Pearson's coefficients:

- Small (weak) r=.10 to .29
- Medium (moderate) r=.30 to .49
- large (strong) r=.50 to 1.0

References

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Tabachnick, B.G., Fidell, L.S., 2014. Using multivariate statistics / Barbara G. Tabachnick, Linda S. Fidell.

Correlations

		BA1	BA2	BA3	IBC1	IBC2	IBC3	IBC4	WOM1	WOM2	WOM3	IFR1	IFR2	IFR3	IFR4	IFR5	IFR6	IFR7	IFR8	IFR9	OPI1	OPI2	OPI3	RP1	RP2	RB3_1
BA1	r	1	0.703	0.695	0.284	0.247	0.305	0.291	0.414	0.389	0.348	0.305	0.313	0.296	0.344	0.312	0.208	0.201	0.225	0.266	0.471	0.366	0.333	0.302	0.255	0.300
	p		0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.006	0.002	0.000	0.000	0.000	0.000	0.000	0.001	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
BA2	r	0.703	1	0.709	0.318	0.283	0.236	0.325	0.422	0.355	0.368	0.267	0.418	0.334	0.375	0.301	0.349	0.241	0.158	0.265	0.456	0.400	0.341	0.294	0.286	0.300
	p	0.000		0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.032	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
BA3	r	0.695	0.709	1	0.262	0.251	0.281	0.299	0.388	0.307	0.334	0.252	0.329	0.324	0.385	0.233	0.252	0.171	0.196	0.318	0.441	0.389	0.292	0.334	0.215	0.241
	p	0.000	0.000		0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.001	0.020	0.008	0.000	0.000	0.000	0.000	0.000	0.004	0.001
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IBC1	r	0.284	0.318	0.262	1	0.598	0.553	0.488	0.439	0.350	0.393	0.357	0.272	0.407	0.305	0.310	0.275	0.310	0.297	0.235	0.353	0.358	0.273	0.348	0.258	0.328
	p	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IBC2	r	0.247	0.283	0.251	0.598	1	0.557	0.580	0.407	0.396	0.286	0.302	0.348	0.511	0.407	0.326	0.293	0.250	0.228	0.308	0.285	0.424	0.273	0.385	0.335	0.282
	p	0.001	0.000	0.001	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IBC3	r	0.305	0.236	0.281	0.553	0.557	1	0.633	0.408	0.478	0.355	0.326	0.332	0.412	0.355	0.342	0.230	0.279	0.294	0.204	0.350	0.323	0.369	0.312	0.221	0.317
	p	0.000	0.001	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.003	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IBC4	r	0.291	0.325	0.299	0.488	0.580	0.633	1	0.361	0.481	0.302	0.267	0.332	0.341	0.322	0.342	0.269	0.267	0.159	0.287	0.280	0.380	0.371	0.243	0.188	0.242
	p	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.031	0.000	0.000	0.000	0.000	0.001	0.012	0.001
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
WOM1	r	0.414	0.422	0.388	0.439	0.407	0.408	0.361	1	0.716	0.751	0.340	0.387	0.390	0.443	0.318	0.437	0.314	0.261	0.312	0.548	0.547	0.596	0.610	0.589	0.584
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
WOM2	r	0.389	0.355	0.307	0.350	0.396	0.478	0.481	0.716	1	0.632	0.400	0.439	0.379	0.397	0.377	0.382	0.325	0.276	0.342	0.522	0.515	0.534	0.495	0.490	0.558
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
WOM3	r	0.348	0.368	0.334	0.393	0.286	0.355	0.302	0.751	0.632	1	0.342	0.425	0.308	0.410	0.216	0.474	0.361	0.300	0.287	0.543	0.511	0.586	0.580	0.557	0.601
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	188	188	188	188	188	188	188	188	188	188	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR1	r	0.305	0.267	0.252	0.357	0.302	0.326	0.267	0.340	0.400	0.342	1	0.426	0.399	0.418	0.289	0.365	0.384	0.291	0.338	0.396	0.292	0.336	0.389	0.168	0.308
	p	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.025	0.000
	N	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR2	r	0.313	0.418	0.329	0.272	0.348	0.332	0.332	0.387	0.439	0.425	0.426	1	0.516	0.569	0.323	0.530	0.489	0.275	0.395	0.495	0.402	0.464	0.452	0.444	0.517
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR3	r	0.296	0.334	0.324	0.407	0.511	0.412	0.341	0.390	0.379	0.308	0.399	0.516	1	0.502	0.482	0.334	0.448	0.280	0.436	0.333	0.335	0.333	0.382	0.395	0.339
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR4	r	0.344	0.375	0.385	0.305	0.407	0.355	0.322	0.443	0.397	0.410	0.418	0.569	0.502	1	0.314	0.491	0.380	0.262	0.328	0.502	0.412	0.481	0.487	0.461	0.485

		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	C21	C22	C23	C24	C25
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR5	r	0.312	0.301	0.233	0.310	0.326	0.342	0.342	0.318	0.377	0.216	0.289	0.323	0.482	0.314	1	0.326	0.335	0.410	0.310	0.297	0.340	0.333	0.264	0.263	0.248
	p	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
	N	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	184	184	184	184	177	177	179	179	178	176
IFR6	r	0.208	0.349	0.252	0.275	0.293	0.230	0.269	0.437	0.382	0.474	0.365	0.530	0.334	0.491	0.326	1	0.565	0.469	0.361	0.466	0.421	0.505	0.530	0.419	0.525
	p	0.005	0.000	0.001	0.000	0.000	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	183	184	183	176	176	178	178	177	175
IFR7	r	0.201	0.241	0.171	0.310	0.250	0.279	0.267	0.314	0.325	0.361	0.384	0.489	0.448	0.380	0.335	0.565	1	0.411	0.442	0.360	0.315	0.326	0.299	0.302	0.386
	p	0.006	0.001	0.020	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	183	184	183	183	176	176	178	178	177	175
IFR8	r	0.225	0.158	0.196	0.297	0.228	0.294	0.159	0.261	0.276	0.300	0.291	0.275	0.280	0.262	0.410	0.469	0.411	1	0.360	0.414	0.290	0.439	0.293	0.263	0.321
	p	0.002	0.032	0.008	0.000	0.002	0.000	0.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000
	N	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	183	184	183	176	176	178	178	177	175
IFR9	r	0.266	0.265	0.318	0.235	0.308	0.204	0.287	0.312	0.342	0.287	0.338	0.395	0.436	0.328	0.310	0.361	0.442	0.360	1	0.420	0.296	0.413	0.402	0.277	0.277
	p	0.000	0.000	0.000	0.001	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000
	N	184	184	184	184	184	184	184	184	184	184	184	184	184	184	184	183	183	183	184	177	177	179	179	178	176
OPI1	r	0.471	0.456	0.441	0.353	0.285	0.350	0.280	0.548	0.522	0.543	0.396	0.495	0.333	0.502	0.297	0.466	0.360	0.414	0.420	1	0.588	0.704	0.629	0.495	0.559
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000
	N	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	176	176	176	177	177	176	177	177	176	174
OPI2	r	0.366	0.400	0.389	0.358	0.424	0.323	0.380	0.547	0.515	0.511	0.292	0.402	0.335	0.412	0.340	0.421	0.315	0.290	0.296	0.588	1	0.557	0.616	0.605	0.619
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000
	N	177	177	177	177	177	177	177	177	177	177	177	177	177	177	177	176	176	176	177	176	177	177	177	176	174
OPI3	r	0.333	0.341	0.292	0.273	0.273	0.369	0.371	0.596	0.534	0.586	0.336	0.464	0.333	0.481	0.333	0.505	0.326	0.439	0.413	0.704	0.557	1	0.564	0.518	0.505
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000
	N	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	178	178	178	179	177	177	179	179	178	176
RP1	r	0.302	0.294	0.334	0.348	0.385	0.312	0.243	0.610	0.495	0.580	0.389	0.452	0.382	0.487	0.264	0.530	0.299	0.293	0.402	0.629	0.616	0.564	1	0.659	0.653
	p	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000
	N	179	179	179	179	179	179	179	179	179	179	179	179	179	179	179	178	178	178	179	177	177	179	179	178	176
RP2	r	0.255	0.286	0.215	0.258	0.335	0.221	0.188	0.589	0.490	0.557	0.168	0.444	0.395	0.461	0.263	0.419	0.302	0.263	0.277	0.495	0.605	0.518	0.659	1	0.671
	p	0.001	0.000	0.004	0.001	0.000	0.003	0.012	0.000	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
	N	178	178	178	178	178	178	178	178	178	178	178	178	178	178	178	177	177	177	178	176	176	178	178	178	175
RB3_1	r	0.300	0.300	0.241	0.328	0.282	0.317	0.242	0.584	0.558	0.601	0.308	0.517	0.339	0.485	0.248	0.525	0.386	0.321	0.277	0.559	0.619	0.505	0.653	0.671	1
	p	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	N	176	176	176	176	176	176	176	176	176	176	176	176	176	176	176	175	175	175	176	174	174	176	176	175	176

. Correlation is significant at the 0.01 level (2-tailed).
. Correlation is significant at the 0.05 level (2-tailed).