

Analysis Report

This report is structured as follows.

Contents

Cross-Tabulations	2
Age Groups	3
Marital Status	6
Education	8
Number of Children	11
Socioeconomic	15
Occupation	16
Provider of Consulting	19
Source of Information	20

Cross-Tabulations

This test is used when one wishes to explore the relationship between two categorical variables. Each of these variables can have two or more categories. This test compares the observed frequencies or proportions of cases that occur in each of the categories, with the values that would be expected if there was no association between the two variables being measured. It is based on a cross-tabulation table, with cases classified according to the categories in each variable (e.g. male/female; smoker/non-smoker) (Pallant, 2010).

In cross-tabulated data, each cell contains the values for a specific row–column combination (e.g., sales of a specific product in a specific age group). Thus, the chi-square value is a measure of association between the row and column categories. Higher levels of association, just like higher levels of similarity, should be represented as closer together in the perceptual map than those with lower levels of association (Hair et al., 2014).

The tables in the following sections display the results of the correspondence analysis. In each table, the ‘%’ column represents the percentage of respondents of the specific group (e.g. ‘Age Groups’) that answered a specific category (e.g. ‘Yes’ to using a condom). The chi-square test evaluates if the differences in these proportions of responses are significantly different for each group under analysis (column χ^2). If the corresponding p-value (column p) is less than 0.05, this means that the corresponding question under analysis is significantly related to pertaining to different age groups. Thus, the differences on the proportions for each age group are statistically significant.

The different proportions were also compared using SPSS’s Z-test, which evaluates each answer category separately, while the Chi-Square only evaluates the distribution of answers across all categories of a single question. The result of the Z-test is shown as a subscript letter next to each count column. If the letters diverge within an unique line, that means that the corresponding categories of that particular question present significantly different proportions of that particular answer (either the ‘Yes’ or ‘No’ answers, for example). Each section below shows the results for a given category.

Age Groups

		1-Age						χ^2	p
		18-25 years old.		26-35 years old.		36-45 year old.			
		Count	%	Count	%	Count	%		
Contraceptive Method: Oral contraceptives.	No	203 _a	81.53%	45 _b	45.92%	27 _c	27.27%	101.360	0.000*
	Yes	46 _a	18.47%	53 _b	54.08%	72 _c	72.73%		
Contraceptive Method: Intrauterine Device/System	No	247 _a	99.20%	85 _b	86.73%	68 _c	68.69%	72.466	0.000*
	Yes	2 _a	0.80%	13 _b	13.27%	31 _c	31.31%		
Contraceptive Method: Natural method (withdrawal before ejaculation. calendar based method .breastfeeding)	No	243 _a	97.59%	67 _b	68.37%	64 _b	64.65%	79.049	0.000*
	Yes	6 _a	2.41%	31 _b	31.63%	35 _b	35.35%		
Contraceptive Method: Male condom	No	243 _a	97.59%	74 _b	75.51%	66 _b	66.67%	66.965	0.000*
	Yes	6 _a	2.41%	24 _b	24.49%	33 _b	33.33%		
Contraceptive Method: Female Condom	No	248 _a	99.60%	97 _a	98.98%	99 ¹	100.00%	1.176	0.555
	Yes	1 _a	0.40%	1 _a	1.02%	0 ¹	0.00%		
Contraceptive Method: Hormonal injection	No	249 ¹	100.00%	98 ¹	100.00%	97 _a	97.98%	7.042	0.030*
	Yes	0 ¹	0.00%	0 ¹	0.00%	2 _a	2.02%		
Contraceptive Method: Hormonal Implant	No	247 _a	99.20%	92 _b	93.88%	97 _{a.b}	97.98%	9.106	0.011*
	Yes	2 _a	0.80%	6 _b	6.12%	2 _{a.b}	2.02%		
Contraceptive Method: Contraceptive patch	No	244 _a	97.99%	91 _a	92.86%	92 _a	92.93%	7.011	0.030*
	Yes	5 _a	2.01%	7 _a	7.14%	7 _a	7.07%		
Contraceptive Method: Vaginal ring	No	249 ¹	100.00%	96 _a	97.96%	99 ¹	100.00%	7.134	0.028*
	Yes	0 ¹	0.00%	2 _a	2.04%	0 ¹	0.00%		
Contraceptive Method: Cervical cap	No	249 ¹	100.00%	98 ¹	100.00%	99 ¹	100.00%	-	-
Contraceptive Method: female sterilization	No	249 ¹	100.00%	98 ¹	100.00%	98 _a	98.99%	3.513	0.173

		1-Age						χ^2	p
		18-25 years old.		26-35 years old.		36-45 year old.			
		Count	%	Count	%	Count	%		
		Yes	0 ¹	0.00%	0 ¹	0.00%	1 _a		
Contraceptive Method: sponge	No	249 ¹	100.00%	98 ¹	100.00%	99 ¹	100.00%	-	-
Contraceptive Method: sponge	No	249 ¹	100.00%	98 ¹	100.00%	99 ¹	100.00%	-	-
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Abdominal Pain.	No	165 _a	66.27%	74 _{a.b}	75.51%	83 _b	83.84%	11.585	0.003*
	Yes	84 _a	33.73%	24 _{a.b}	24.49%	16 _b	16.16%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Headache.	No	161 _a	64.66%	43 _b	43.88%	41 _b	41.41%	21.660	0.000*
	Yes	88 _a	35.34%	55 _b	56.12%	58 _b	58.59%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Nausea	No	151 _a	60.64%	61 _a	62.24%	66 _a	66.67%	1.095	0.578
	Yes	98 _a	39.36%	37 _a	37.76%	33 _a	33.33%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Depression	No	120 _a	48.19%	39 _a	39.80%	39 _a	39.39%	3.298	0.192
	Yes	129 _a	51.81%	59 _a	60.20%	60 _a	60.61%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Blood clots	No	198 _a	79.52%	70 _a	71.43%	73 _a	73.74%	3.080	0.214
	Yes	51 _a	20.48%	28 _a	28.57%	26 _a	26.26%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). I do not know.	No	203 _a	81.53%	84 _a	85.71%	87 _a	87.88%	2.432	0.296
	Yes	46 _a	18.47%	14 _a	14.29%	12 _a	12.12%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Sever bleeding	No	225 _a	90.36%	90 _a	91.84%	84 _a	84.85%	3.035	0.219
	Yes	24 _a	9.64%	8 _a	8.16%	15 _a	15.15%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Infrtinity	No	192 _a	77.11%	87 _b	88.78%	84 _{a.b}	84.85%	7.325	0.026*
	Yes	57 _a	22.89%	11 _b	11.22%	15 _{a.b}	15.15%		
	No	122 _a	49.00%	40 _a	40.82%	37 _a	37.37%	4.607	0.100

		1-Age						χ^2	p
		18-25 years old.		26-35 years old.		36-45 year old.			
		Count	%	Count	%	Count	%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer).	Yes	127 _a	51.00%	58 _a	59.18%	62 _a	62.63%		
weight gain									
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Side effect	No	87 _a	34.94%	38 _a	38.78%	38 _a	38.38%	0.631	0.729
	Yes	162 _a	65.06%	60 _a	61.22%	61 _a	61.62%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Medical reasons	No	126 _a	50.60%	41a.b	41.84%	35 _b	35.35%	7.252	0.027
	Yes	123 _a	49.40%	57a.b	58.16%	64 _b	64.65%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Difficult to access	No	241 _a	96.79%	96 _a	97.96%	99 ¹	100.00%	3.359	0.186
	Yes	8 _a	3.21%	2 _a	2.04%	0 ¹	0.00%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Religion reasons	No	236 _a	94.78%	97 _a	98.98%	95 _a	95.96%	3.204	0.202
	Yes	13 _a	5.22%	1 _a	1.02%	4 _a	4.04%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Financial reasons	No	236 _a	94.78%	97 _a	98.98%	96 _a	96.97%	3.596	0.166
	Yes	13 _a	5.22%	1 _a	1.02%	3 _a	3.03%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Infertility	No	193 _a	77.51%	84 _a	85.71%	87 _a	87.88%	6.482	0.039
	Yes	56 _a	22.49%	14 _a	14.29%	12 _a	12.12%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) other	No	239 _a	95.98%	92 _a	93.88%	98 _a	98.99%	3.575	0.167
	Yes	10 _a	4.02%	6 _a	6.12%	1 _a	1.01%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.

2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Marital Status

		7-Marital status:				χ^2	p
		Married.		Unmarried			
		Count	Column N %	Count	Column N %		
Contraceptive Method: Oral contraceptives.	No	63 _a	32.14%	212 _b	84.80%	128.860	0.000*
	Yes	133 _a	67.86%	38 _b	15.20%		
Contraceptive Method: Intrauterine Device/System	No	150 _a	76.53%	250 ¹	100.00%	65.421	0.000*
	Yes	46 _a	23.47%	0 ¹	0.00%		
Contraceptive Method: Natural method (withdrawal before ejaculation. calendar based method .breastfeeding)	No	126 _a	64.29%	248 _b	99.20%	98.931	0.000*
	Yes	70 _a	35.71%	2 _b	0.80%		
Contraceptive Method: Male condom	No	135 _a	68.88%	248 _b	99.20%	83.276	0.000*
	Yes	61 _a	31.12%	2 _b	0.80%		
Contraceptive Method: Female Condom	No	194 _a	98.98%	250 ¹	100.00%	2.563	0.109
	Yes	2 _a	1.02%	0 ¹	0.00%		
Contraceptive Method: Hormonal injection	No	194 _a	98.98%	250 ¹	100.00%	2.563	0.109
	Yes	2 _a	1.02%	0 ¹	0.00%		
Contraceptive Method: Hormonal Implant	No	186 _a	94.90%	250 ¹	100.00%	13.048	0.000*.
	Yes	10 _a	5.10%	0 ¹	0.00%		
Contraceptive Method: Contraceptive patch	No	178 _a	90.82%	249 _b	99.60%	20.783	0.000*
	Yes	18 _a	9.18%	1 _b	0.40%		
Contraceptive Method: Vaginal ring	No	194 _a	98.98%	250 ¹	100.00%	2.563	0.109
	Yes	2 _a	1.02%	0 ¹	0.00%		
Contraceptive Method: Cervical cap	No	196 ¹	100.00%	250 ¹	100.00%	-	-

		7-Marital status:				χ^2	p
		Married.		Unmarried			
		Count	Column N %	Count	Column N %		
Contraceptive Method: female sterilization	No	195 _a	99.49%	250 ¹	100.00%	1.278	0.258
	Yes	1 _a	0.51%	0 ¹	0.00%		
Contraceptive Method: sponge	No	196 ¹	100.00%	250 ¹	100.00%	-	-
Contraceptive Method: male sterilization	No	196 ¹	100.00%	250 ¹	100.00%	-	-
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Abdominal Pain.	No	156 _a	79.59%	166 _b	66.40%	9.525	0.002*
	Yes	40 _a	20.41%	84 _b	33.60%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Headache.	No	85 _a	43.37%	160 _b	64.00%	18.892	0.000*
	Yes	111 _a	56.63%	90 _b	36.00%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Nausea	No	128 _a	65.31%	150 _a	60.00%	1.317	0.251
	Yes	68 _a	34.69%	100 _a	40.00%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Depression	No	84 _a	42.86%	114 _a	45.60%	0.335	0.563
	Yes	112 _a	57.14%	136 _a	54.40%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Blood clots	No	145 _a	73.98%	196 _a	78.40%	1.193	0.275
	Yes	51 _a	26.02%	54 _a	21.60%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). I do not know.	No	167 _a	85.20%	207 _a	82.80%	0.469	0.493
	Yes	29 _a	14.80%	43 _a	17.20%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Sever bleeding	No	174 _a	88.78%	225 _a	90.00%	0.175	0.676
	Yes	22 _a	11.22%	25 _a	10.00%		
	No	168 _a	85.71%	195 _b	78.00%	4.317	0.038*

10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Infrtinity	7-Marital status:				χ^2	p
	Married.		Unmarried			
	Count	Column N %	Count	Column N %		
	Yes	28 _a	14.29%	55 _b		

Infrtinity

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.
2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Education

		4-Education Level:						χ^2	p
		High school.		Higher education.		Middle school or lower.			
		Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: Oral contraceptives.	No	68 _a	69.39%	205 _a	60.12%	2 _a	28.57%	6.061	0.048*
	Yes	30 _a	30.61%	136 _a	39.88%	5 _a	71.43%		
Contraceptive Method: Intrauterine Device/System	No	86 _a	87.76%	308 _a	90.32%	6 _a	85.71%	0.664	0.718
	Yes	12 _a	12.24%	33 _a	9.68%	1 _a	14.29%		
Contraceptive Method: Natural method (withdrawal before ejaculation. calendar based method .breastfeeding)	No	88 _a	89.80%	280 _a	82.11%	6 _a	85.71%	3.339	0.188
	Yes	10 _a	10.20%	61 _a	17.89%	1 _a	14.29%		
Contraceptive Method: Male condom	No	89 _a	90.82%	288 _a	84.46%	6 _a	85.71%	2.538	0.281
	Yes	9 _a	9.18%	53 _a	15.54%	1 _a	14.29%		
Contraceptive Method: Female Condom	No	98 ¹	100.00%	340 _a	99.71%	6 _b	85.71%	30.649	0.000*

		4-Education Level:						χ^2	p
		High school.		Higher education.		Middle school or lower.			
		Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: Hormonal injection	Yes	0 ¹	0.00%	1 _a	0.29%	1 _b	14.29%	0.619	0.734
	No	98 ¹	100.00%	339 _a	99.41%	7 ¹	100.00%		
	Yes	0 ¹	0.00%	2 _a	0.59%	0 ¹	0.00%		
Contraceptive Method: Hormonal Implant	No	98 ¹	100.00%	331 _a	97.07%	7 ¹	100.00%	3.150	0.207
	Yes	0 ¹	0.00%	10 _a	2.93%	0 ¹	0.00%		
	No	94 _a	95.92%	328 _a	96.19%	5 _b	71.43%		
Contraceptive Method: Contraceptive patch	Yes	4 _a	4.08%	13 _a	3.81%	2 _b	28.57%	10.319	0.006*
	No	98 ¹	100.00%	339 _a	99.41%	7 ¹	100.00%		
Contraceptive Method: Vaginal ring	Yes	0 ¹	0.00%	2 _a	0.59%	0 ¹	0.00%	0.619	0.734
	No	98 ¹	100.00%	341 ¹	100.00%	7 ¹	100.00%		
Contraceptive Method: Cervical cap	No	98 ¹	100.00%	341 ¹	100.00%	6 _a	85.71%	62.855	0.000*
Contraceptive Method: female sterilization	Yes	0 ¹	0.00%	0 ¹	0.00%	1 _a	14.29%		
Contraceptive Method: sponge	No	98 ¹	100.00%	341 ¹	100.00%	7 ¹	100.00%	-	-
Contraceptive Method: male sterilization	No	98 ¹	100.00%	341 ¹	100.00%	7 ¹	100.00%	-	-
14-Do you have previous knowledge about emergency contraceptive (Plan B)?	No	65 _a	66.33%	207 _a	60.70%	2 _a	28.57%	7.696	0.103
	Not sure.	14 _a	14.29%	35 _a	10.26%	1 _a	14.29%		
	Yes	19 _a	19.39%	99 _a	29.03%	4 _a	57.14%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Side effect	No	41 _a	41.84%	119 _a	34.90%	3 _a	42.86%	1.703	0.427
	Yes	57 _a	58.16%	222 _a	65.10%	4 _a	57.14%		

		4-Education Level:						χ^2	p
		High school.		Higher education.		Middle school or lower.			
		Count	Column N %	Count	Column N %	Count	Column N %		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Medical reasons	No	36 _a	36.73%	162 _a	47.51%	4 _a	57.14%	3.968	0.137
	Yes	62 _a	63.27%	179 _a	52.49%	3 _a	42.86%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Difficult to access	No	95 _a	96.94%	334 _a	97.95%	7 ¹	100.00%	0.516	0.772
	Yes	3 _a	3.06%	7 _a	2.05%	0 ¹	0.00%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Religion reasons	No	92 _a	93.88%	330 _a	96.77%	6 _a	85.71%	3.578	0.167
	Yes	6 _a	6.12%	11 _a	3.23%	1 _a	14.29%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Financial reasons	No	94 _a	95.92%	328 _a	96.19%	7 ¹	100.00%	0.297	0.862
	Yes	4 _a	4.08%	13 _a	3.81%	0 ¹	0.00%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Infertility	No	77 _a	78.57%	280 _a	82.11%	7 ¹	100.00%	2.238	0.327
	Yes	21 _a	21.43%	61 _a	17.89%	0 ¹	0.00%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) other	No	93 _a	94.90%	329 _a	96.48%	7 ¹	100.00%	0.802	0.670
	Yes	5 _a	5.10%	12 _a	3.52%	0 ¹	0.00%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.

2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Number of Children

		How many children.						χ^2	p
		1–3.		More than 3.		None.			
		Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: Oral contraceptives.	No	32 _a	36.36%	19 _a	24.05%	12 _a	41.38%	4.225	0.121
	Yes	56 _a	63.64%	60 _a	75.95%	17 _a	58.62%		
Contraceptive Method: Intrauterine Device/System	No	72 _a	81.82%	49 _b	62.03%	29 ¹	100.00%	19.517	0.000*
	Yes	16 _a	18.18%	30 _b	37.97%	0 ¹	0.00%		
Contraceptive Method: Natural method (withdrawal before ejaculation. calendar based method .breastfeeding)	No	55 _{a.b}	62.50%	46 _a	58.23%	25 _b	86.21%	7.455	0.024*
	Yes	33 _{a.b}	37.50%	33 _a	41.77%	4 _b	13.79%		
Contraceptive Method: Male condom	No	63 _a	71.59%	48 _a	60.76%	24 _a	82.76%	5.338	0.069
	Yes	25 _a	28.41%	31 _a	39.24%	5 _a	17.24%		
Contraceptive Method: Female Condom	No	86 _a	97.73%	79 ¹	100.00%	29 ¹	100.00%	2.480	0.289
	Yes	2 _a	2.27%	0 ¹	0.00%	0 ¹	0.00%		
Contraceptive Method: Hormonal injection	No	88 ¹	100.00%	77 _a	97.47%	29 ¹	100.00%	2.993	0.224
	Yes	0 ¹	0.00%	2 _a	2.53%	0 ¹	0.00%		
Contraceptive Method: Hormonal Implant	No	80 _a	90.91%	78 _a	98.73%	28 _a	96.55%	5.457	0.065
	Yes	8 _a	9.09%	1 _a	1.27%	1 _a	3.45%		
Contraceptive Method: Contraceptive patch	No	75 _a	85.23%	74 _a	93.67%	29 ¹	100.00%	7.000	0.030*
	Yes	13 _a	14.77%	5 _a	6.33%	0 ¹	0.00%		
Contraceptive Method: Vaginal ring	No	87 _a	98.86%	78 _a	98.73%	29 ¹	100.00%	0.358	0.836
	Yes	1 _a	1.14%	1 _a	1.27%	0 ¹	0.00%		
Contraceptive Method: Cervical cap	No	88 ¹	100.00%	79 ¹	100.00%	29 ¹	100.00%	-	-

		How many children.						χ^2	p
		1–3.		More than 3.		None.			
		Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: female sterilization	No	88 ¹	100.00%	78 _a	98.73%	29 ¹	100.00%	1.489	0.475
	Yes	0 ¹	0.00%	1 _a	1.27%	0 ¹	0.00%		
Contraceptive Method: sponge	No	88 ¹	100.00%	79 ¹	100.00%	29 ¹	100.00%	-	-
Contraceptive Method: male sterilization	No	88 ¹	100.00%	79 ¹	100.00%	29 ¹	100.00%	-	-
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Abdominal Pain.	No	71 _a	80.68%	62 _a	78.48%	23 _a	79.31%	0.126	0.939
	Yes	17 _a	19.32%	17 _a	21.52%	6 _a	20.69%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Headache.	No	35 _a	39.77%	35 _a	44.30%	15 _a	51.72%	1.316	0.518
	Yes	53 _a	60.23%	44 _a	55.70%	14 _a	48.28%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Nausea	No	55 _a	62.50%	55 _a	69.62%	18 _a	62.07%	1.089	0.580
	Yes	33 _a	37.50%	24 _a	30.38%	11 _a	37.93%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Depression	No	41 _a	46.59%	29 _a	36.71%	14 _a	48.28%	2.068	0.356
	Yes	47 _a	53.41%	50 _a	63.29%	15 _a	51.72%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Blood clots	No	63 _a	71.59%	59 _a	74.68%	23 _a	79.31%	0.709	0.701
	Yes	25 _a	28.41%	20 _a	25.32%	6 _a	20.69%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). I do not know.	No	75 _a	85.23%	71 _a	89.87%	21 _a	72.41%	5.129	0.077
	Yes	13 _a	14.77%	8 _a	10.13%	8 _a	27.59%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Sever bleeding	No	78 _a	88.64%	68 _a	86.08%	28 _a	96.55%	2.339	0.310
	Yes	10 _a	11.36%	11 _a	13.92%	1 _a	3.45%		
	No	78 _a	88.64%	67 _a	84.81%	23 _a	79.31%	1.638	0.441

		How many children.						χ^2	p
		1-3.		More than 3.		None.			
		Count	Column N %	Count	Column N %	Count	Column N %		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Infertility	Yes	10 _a	11.36%	12 _a	15.19%	6 _a	20.69%	1.647	0.439
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). weight gain	No	42 _a	47.73%	30 _a	37.97%	12 _a	41.38%		
	Yes	46 _a	52.27%	49 _a	62.03%	17 _a	58.62%		
14-Do you have previous knowledge about emergency contraceptive (Plan B)?	No	50 _a	56.82%	43 _a	54.43%	14 _a	48.28%	1.137	0.888
	Not sure.	12 _a	13.64%	13 _a	16.46%	4 _a	13.79%		
	Yes	26 _a	29.55%	23 _a	29.11%	11 _a	37.93%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Side effect	No	39 _a	44.32%	31 _a	39.24%	11 _a	37.93%	0.604	0.739
	Yes	49 _a	55.68%	48 _a	60.76%	18 _a	62.07%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Medical reasons	No	33 _a	37.50%	28 _a	35.44%	21 _b	72.41%	13.150	0.001*
	Yes	55 _a	62.50%	51 _a	64.56%	8 _b	27.59%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Difficult to access	No	87 _a	98.86%	79 ¹	100.00%	29 ¹	100.00%	1.234	0.540
	Yes	1 _a	1.14%	0 ¹	0.00%	0 ¹	0.00%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Religion reasons	No	86 _a	97.73%	76 _a	96.20%	28 _a	96.55%	0.343	0.842
	Yes	2 _a	2.27%	3 _a	3.80%	1 _a	3.45%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Financial reasons	No	86 _a	97.73%	76 _a	96.20%	28 _a	96.55%	0.343	0.842
	Yes	2 _a	2.27%	3 _a	3.80%	1 _a	3.45%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Infertility	No	76 _a	86.36%	72 _a	91.14%	19 _b	65.52%	11.217	0.004*
	Yes	12 _a	13.64%	7 _a	8.86%	10 _b	34.48%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) other	No	84 _a	95.45%	78 _a	98.73%	26 _a	89.66%	4.554	0.103
	Yes	4 _a	4.55%	1 _a	1.27%	3 _a	10.34%		

		How many children.						χ^2	p
		1–3.		More than 3.		None.			
		Count	Column N %	Count	Column N %	Count	Column N %		
Have you and your husband discussed family planning (birth control)?	Agree.	35 _a	39.77%	32 _a	40.51%	6 _a	20.69%	13.492	0.036*
	Disagree or Strongly disagree.	2 _a	2.27%	10 _b	12.66%	2a.b	6.90%		
	Neutral.	13 _a	14.77%	11 _a	13.92%	3 _a	10.34%		
	Strongly agree.	38a.b	43.18%	26 _a	32.91%	18 _b	62.07%		
Length of your family planning (Birth control) method?	2 years or less	20 _a	22.73%	12 _a	15.19%	8 _a	27.59%	41.960	0.000*
	3-4 Years.	43 _a	48.86%	37 _a	46.84%	4 _b	13.79%		
	Five and more.	8 _a	9.09%	20 _b	25.32%	0 ¹	0.00%		
	I did Not use.	17 _a	19.32%	10 _a	12.66%	17 _b	58.62%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.

2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Socioeconomic

		Monthly Income								χ^2	p
		Less than 2 thousands per month		2-5 thousands per month		6-12 thousands per month		13 thousands per month or more			
		Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Side effect	No	74 _a	38.54%	30 _a	29.70%	38 _a	45.24%	21 _a	30.43%	6.217	0.102
	Yes	118 _a	61.46%	71 _a	70.30%	46 _a	54.76%	48 _a	69.57%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Medical reasons	No	89 _a	46.35%	54 _a	53.47%	34 _a	40.48%	25 _a	36.23%	5.882	0.117
	Yes	103 _a	53.65%	47 _a	46.53%	50 _a	59.52%	44 _a	63.77%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Difficult to access	No	186 _a	96.88%	99 _a	98.02%	83 _a	98.81%	68 _a	98.55%	1.336	0.721
	Yes	6 _a	3.13%	2 _a	1.98%	1 _a	1.19%	1 _a	1.45%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Religion reasons	No	180 _a	93.75%	99 _a	98.02%	83 _a	98.81%	66 _a	95.65%	5.306	0.151
	Yes	12 _a	6.25%	2 _a	1.98%	1 _a	1.19%	3 _a	4.35%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Financial reasons	No	184 _a	95.83%	95 _a	94.06%	83 _a	98.81%	67 _a	97.10%	3.046	0.385
	Yes	8 _a	4.17%	6 _a	5.94%	1 _a	1.19%	2 _a	2.90%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) Infertility	No	144 _a	75.00%	87 _{a.b}	86.14%	76 _b	90.48%	57 _{a.b}	82.61%	11.417	0.010*
	Yes	48 _a	25.00%	14 _{a.b}	13.86%	8 _b	9.52%	12 _{a.b}	17.39%		
13-If you are not willing to take contraceptives. what are the possible reasons? (You can choose more than one answer) other	No	183 _a	95.31%	98 _a	97.03%	80 _a	95.24%	68 _a	98.55%	1.854	0.603
	Yes	9 _a	4.69%	3 _a	2.97%	4 _a	4.76%	1 _a	1.45%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.1

Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Occupation

		6-Occupation:								χ^2	p
		Health sector work		Non- Health sector		Student.		Unemployed.			
		Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: Oral contraceptives.	No	24 _a	58.54%	35 _a	41.67%	156 _b	86.19%	60 _a	42.86%	81.371	0.000*
	Yes	17 _a	41.46%	49 _a	58.33%	25 _b	13.81%	80 _a	57.14%		
Contraceptive Method: Intrauterine Device/System	No	40 _{a.b}	97.56%	70 _{a.c}	83.33%	180 _b	99.45%	110 _c	78.57%	43.755	0.000*
	Yes	1 _{a.b}	2.44%	14 _{a.c}	16.67%	1 _b	0.55%	30 _c	21.43%		
Contraceptive Method: Natural method (withdrawal before ejaculation. calendar based method .breastfeeding)	No	36 _{a.c.d}	87.80%	61 _{a.b}	72.62%	176 _c	97.24%	101 _{b.d}	72.14%	46.438	0.000*
	Yes	5 _{a.c.d}	12.20%	23 _{a.b}	27.38%	5 _c	2.76%	39 _{b.d}	27.86%		
Contraceptive Method: Male condom	No	36 _a	87.80%	60 _a	71.43%	177 _b	97.79%	110 _a	78.57%	41.918	0.000*
	Yes	5 _a	12.20%	24 _a	28.57%	4 _b	2.21%	30 _a	21.43%		
Contraceptive Method: Female Condom	No	41 ¹	100.00%	83 _a	98.81%	181 ¹	100.00%	139 _a	99.29%	2.258	0.521
	Yes	0 ¹	0.00%	1 _a	1.19%	0 ¹	0.00%	1 _a	0.71%		
Contraceptive Method: Hormonal injection	No	41 ¹	100.00%	82 _a	97.62%	181 ¹	100.00%	140 ¹	100.00%	8.658	0.034*
	Yes	0 ¹	0.00%	2 _a	2.38%	0 ¹	0.00%	0 ¹	0.00%		
Contraceptive Method: Hormonal Implant	No	40 _a	97.56%	81 _a	96.43%	180 _a	99.45%	135 _a	96.43%	4.171	0.244
	Yes	1 _a	2.44%	3 _a	3.57%	1 _a	0.55%	5 _a	3.57%		
Contraceptive Method: Contraceptive patch	No	40 _a	97.56%	79 _a	94.05%	178 _a	98.34%	130 _a	92.86%	6.782	0.079
	Yes	1 _a	2.44%	5 _a	5.95%	3 _a	1.66%	10 _a	7.14%		
Contraceptive Method: Vaginal ring	No	41 ¹	100.00%	83 _a	98.81%	181 ¹	100.00%	139 _a	99.29%	2.258	0.521
	Yes	0 ¹	0.00%	1 _a	1.19%	0 ¹	0.00%	1 _a	0.71%		
Contraceptive Method: Cervical cap	No	41 ¹	100.00%	84 ¹	100.00%	181 ¹	100.00%	140 ¹	1.000	-	-

		6-Occupation:								χ^2	p
		Health sector work		Non- Health sector		Student.		Unemployed.			
		Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %		
Contraceptive Method: female sterilization	No	41 ¹	100.00%	84 ¹	100.00%	181 ¹	100.00%	139 _a	99.29%	2.191	0.534
	Yes	0 ¹	0.00%	0 ¹	0.00%	0 ¹	0.00%	1 _a	0.71%		
Contraceptive Method: sponge	No	41 ¹	100.00%	84 ¹	100.00%	181 ¹	100.00%	140 ¹	1.000	-	-
Contraceptive Method: male sterilization	No	41 ¹	100.00%	84 ¹	100.00%	181 ¹	100.00%	140 ¹	1.000	-	-
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Abdominal Pain.	No	30 _a	73.17%	67 _a	79.76%	117 _a	64.64%	108 _a	77.14%	9.269	0.026*
	Yes	11 _a	26.83%	17 _a	20.24%	64 _a	35.36%	32 _a	22.86%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Headache.	No	18a.b	43.90%	36 _a	42.86%	118 _b	65.19%	73a.b	52.14%	15.100	0.002*
	Yes	23a.b	56.10%	48 _a	57.14%	63 _b	34.81%	67a.b	47.86%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Nausea	No	20 _a	48.78%	54 _a	64.29%	112 _a	61.88%	92 _a	65.71%	4.041	0.257
	Yes	21 _a	51.22%	30 _a	35.71%	69 _a	38.12%	48 _a	34.29%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Depressiono	No	10 _a	24.39%	34a.b	40.48%	92 _b	50.83%	62a.b	44.29%	10.205	0.017*
	Yes	31 _a	75.61%	50a.b	59.52%	89 _b	49.17%	78a.b	55.71%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer). Blood clots	No	24 _a	58.54%	64a.b	76.19%	137a.b	75.69%	116 _b	82.86%	10.563	0.014*
	Yes	17 _a	41.46%	20a.b	23.81%	44a.b	24.31%	24 _b	17.14%		
10-In your opinion what are the side effects of contraceptives? (You can choose more than one	No	40 _a	97.56%	70 _a	83.33%	148 _a	81.77%	116 _a	82.86%	6.392	0.094
	Yes	1 _a	2.44%	14 _a	16.67%	33 _a	18.23%	24 _a	17.14%		

		6-Occupation:								χ^2	p
		Health sector work		Non- Health sector		Student.		Unemployed.			
		Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %		
answer).											
I do not know.											
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer).	No	39 _a	95.12%	77 _a	91.67%	158 _a	87.29%	125 _a	89.29%	2.734	0.434
	Yes	2 _a	4.88%	7 _a	8.33%	23 _a	12.71%	15 _a	10.71%		
Sever bleeding											
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer).	No	36a.b	87.80%	77 _a	91.67%	135 _b	74.59%	115a.b	82.14%	12.556	0.006*
	Yes	5a.b	12.20%	7 _a	8.33%	46 _b	25.41%	25a.b	17.86%		
Infrtinity											
10-In your opinion what are the side effects of contraceptives? (You can choose more than one answer).	No	6 _a	14.63%	28a.c	33.33%	93 _b	51.38%	72b.c	51.43%	25.224	0.000*
	Yes	35 _a	85.37%	56a.c	66.67%	88 _b	48.62%	68b.c	48.57%		
weight gain											

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.

2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Provider of Consulting

		Provider of instruction and counseling :										χ^2	p
		Both.		Neither.		Other		Pharmacist.		Physician.			
		Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %	Count	Column N %		
Were all your concerns answered?	Agree.	11 _a	64.71%	6 _b	17.14%	5 _{a.b}	62.50%	7 _a	70.00%	54 _a	43.20%	81.171	0.000*
	Did Not receive consolations.	0 ¹	0.00%	3 _a	8.57%	0 ¹	0.00%	0 ¹	0.00%	0 ¹	0.00%		
	Did Not receive consultation.	0 ¹	0.00%	11 _a	31.43%	1 _a	12.50%	0 ¹	0.00%	1 _b	0.80%		
	Disagree or Strongly disagree.	0 ¹	0.00%	6 _a	17.14%	0 ¹	0.00%	1 _a	10.00%	7 _a	5.60%		
	Neutral.	2 _a	11.76%	5 _a	14.29%	2 _a	25.00%	1 _a	10.00%	21 _a	16.80%		
	Strongly agree.	4 _a	23.53%	4 _a	11.43%	0 ¹	0.00%	1 _a	10.00%	42 _a	33.60%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.²

1. This category is not used in comparisons because its column proportion is equal to zero or one.

2. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

Source of Information

		9-Source of information that you received related to contraceptive																χ^2	p
		Family.		Friends / colleagues.		Individuals with experience.		Media: (Internet. Social media. TV or Radio).		Ministry of Health.		Other.		Pharmacist.		Physician.			
		Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%		
11-In case you forget to take your daily oral contraceptive dose; do you know how to handle it?	No	38 _a	46.34%	14 _a	33.33%	9 _a	29.03%	57 _a	44.88%	4 _a	36.36%	6 _a	37.50%	5 _a	33.33%	36 _a	29.51%	29.616	0.009*
	Not sure.	28 _a	34.15%	15 _a	35.71%	8 _a	25.81%	39 _a	30.71%	4 _a	36.36%	5 _a	31.25%	2 _a	13.33%	28 _a	22.95%		
	Yes	16 _a	19.51%	13 _{a.b}	30.95%	14 _{a.b}	45.16%	31 _a	24.41%	3 _{a.b}	27.27%	5 _{a.b}	31.25%	8 _{a.b}	53.33%	58 _b	47.54%		

Note: Values in the same row and subtable not sharing the same subscript are significantly different at $p < 0.05$ in the two-sided test of equality for column proportions. Cells with no subscript are not included in the test. Tests assume equal variances.¹

1. Tests are adjusted for all pairwise comparisons within a row of each innermost subtable using the Bonferroni correction.

References

Hair, J. F., Black, W., Babin, B., & Anderson, R. (2014). *Multivariate data analysis* (Seventh). Pearson Education, Inc.

Pallant, J. (2010). *SPSS Survival Manual* (4th ed.). McGraw-Hill.

SAMPLE REPORT - Rafael Data Analysis Portfolio