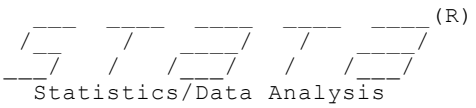
```
                                                  ___  ____  ____  ____  ____(R)
                                                 /__    /   ____/   /   ____/
                                                ___/   /   /___/   /   /___/
                                                  Statistics/Data Analysis
```



```
. by UNITANAL, sort : summarize PURECU AISALLAM CANTCU AISTEMP AISLESP PRESENT NOGASTOX PREC
> IO SEX AGE
```

-> UNITANAL = 0

Variable	Obs	Mean	Std. Dev.	Min	Max
PURECU	79	7.417722	.7943324	5	8
AISALLAM	79	5.189873	1.459504	4	8
CANTCU	79	6.316456	.7933102	4	8
AISTEMP	79	5.708861	1.252197	4	8
AISLESP	79	4.126582	1.72736	3	8
PRESENT	79	6.936709	.4624842	5	8
NOGASTOX	79	2.772152	2.576767	1	8
PRECIO	79	3.379747	2.08968	2	8
SEX	79	.7594937	.4301219	0	1
AGE	79	42.96203	11.95123	23	65

-> UNITANAL = 1

Variable	Obs	Mean	Std. Dev.	Min	Max
PURECU	127	7.472441	.7748709	5	8
AISALLAM	127	5.149606	1.436921	4	8
CANTCU	127	5.874016	1.068987	4	8
AISTEMP	127	6.440945	.9482946	4	8
AISLESP	127	2.755906	2.372851	1	8
PRESENT	127	6.984252	.4361493	4	8
NOGASTOX	127	3.716535	1.50606	3	8
PRECIO	127	2.582677	1.482388	2	8
SEX	127	.8818898	.3240168	0	1
AGE	127	46.13386	12.94884	28	75

-> UNITANAL = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
PURECU	201	6.950249	1.423907	1	8
AISALLAM	201	4.910448	1.908387	1	8
CANTCU	201	5.422886	2.008799	1	8
AISTEMP	201	4.631841	2.205398	1	8
AISLESP	201	4.39801	2.090645	1	8
PRESENT	201	3.034826	1.869166	1	8
NOGASTOX	201	3.542289	1.802624	1	8
PRECIO	201	3.109453	2.101894	1	8
SEX	201	.6616915	.4743154	0	1
AGE	201	42.87562	12.04489	22	78

```
. pwmean PURECU, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over          : UNITANAL
```

	Number of Comparisons
UNITANAL	3

PURECU	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**.0547194**	**.164179**	**0.33**	**0.739**	**-.2680323**	**.3774712**
2 vs 0	**-.4674728**	**.1521482**	**-3.07**	**0.002**	**-.7665737**	**-.1683718**
2 vs 1	**-.5221922**	**.1298782**	**-4.02**	**0.000**	**-.7909865**	**-.2533979**

. pwmean AISALLAM, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISALLAM	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**-.0402671**	**.2422488**	**-0.17**	**0.868**	**-.5164927**	**.4359585**
2 vs 0	**-.2794257**	**.2244972**	**-1.24**	**0.243**	**-.7440421**	**.1851908**
2 vs 1	**-.2391585**	**.1916375**	**-1.25**	**0.213**	**-.6158897**	**.1375726**

. pwmean CANTCU, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

CANTCU	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**-.4424399**	**.2254526**	**-1.96**	**0.050**	**-.8856467**	**.0007668**
2 vs 0	**-.8935701**	**.2089318**	**-4.28**	**0.000**	**-1.325973**	**-.4611677**
2 vs 1	**-.4511302**	**.1783504**	**-2.53**	**0.012**	**-.8017409**	**-.1005195**

. pwmean AISTEMP, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISTEMP	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**.7320841**	**.2478146**	**2.95**	**0.003**	**.2449169**	**1.219251**
2 vs 0	**-1.07702**	**.2296552**	**-4.69**	**0.000**	**-1.528488**	**-.6255516**
2 vs 1	**-1.809104**	**.1960405**	**-9.23**	**0.000**	**-2.214827**	**-1.403381**

. pwmean AISLESP, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISLESP	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**-1.370677**	**.3038257**	**-4.51**	**0.000**	**-1.967953**	**-.7734001**
2 vs 0	**.2714277**	**.2815618**	**0.96**	**0.336**	**-.2820815**	**.8249368**
2 vs 1	**1.642104**	**.2403495**	**6.83**	**0.000**	**1.14468**	**2.139529**

. pwmean PRESENT, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

PRESENT	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**.0475431**	**.1938517**	**0.25**	**0.806**	**-.3335409**	**.4286272**
2 vs 0	**-3.901883**	**.1796466**	**-21.72**	**0.000**	**-4.255042**	**-3.548724**
2 vs 1	**-3.949426**	**.1533517**	**-25.75**	**0.000**	**-4.266801**	**-3.632051**

. pwmean NOGASTOX, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

NOGASTOX	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**.9443835**	**.2717989**	**3.47**	**0.001**	**.3818721**	**1.506895**
2 vs 0	**.7701367**	**.2518819**	**3.06**	**0.002**	**.2749739**	**1.265299**
2 vs 1	**-.1742469**	**.2150139**	**-0.81**	**0.418**	**-.5969326**	**.2484389**

. pwmean PURECU, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

PURECU	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Interval]
UNITANAL						
1 vs 0	**.0547194**	**.164179**	**0.33**	**1.000**	**-.3399653**	**.4494042**
2 vs 0	**-.4674728**	**.1521482**	**-3.07**	**0.007**	**-.8332356**	**-.1017099**
2 vs 1	**-.5221922**	**.1298782**	**-4.02**	**0.000**	**-.8344183**	**-.2099661**

. pwmean AISALLAM, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISALLAM	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Interval]
UNITANAL						
1 vs 0	**-.0402671**	**.2422488**	**-0.17**	**1.000**	**-.6226311**	**.5420968**
2 vs 0	**-.2794257**	**.2244972**	**-1.24**	**0.642**	**-.8191149**	**.2602635**
2 vs 1	**-.2391585**	**.1916375**	**-1.25**	**0.638**	**-.6998533**	**.2215363**

. pwmean CANTCU, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

CANTCU	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**-.4424399**	**.2254526**	**-1.96**	**0.151**	**-.984426**	**.0995461**
2 vs 0	**-.8935701**	**.2089318**	**-4.28**	**0.000**	**-1.39584**	**-.3913**
2 vs 1	**-.4511302**	**.1783504**	**-2.53**	**0.035**	**-.8798829**	**-.0223774**

. pwmean AISTEMP, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISTEMP	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**.7320841**	**.2478146**	**2.95**	**0.010**	**.1363399**	**1.327828**
2 vs 0	**-1.07702**	**.2296552**	**-4.69**	**0.000**	**-1.629109**	**-.524931**
2 vs 1	**-1.809104**	**.1960405**	**-9.23**	**0.000**	**-2.280384**	**-1.337824**

. pwmean AISLESP, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

AISLESP	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**-1.370677**	**.3038257**	**-4.51**	**0.000**	**-2.101071**	**-.6402825**
2 vs 0	**.2714277**	**.2815618**	**0.96**	**1.000**	**-.4054444**	**.9482997**
2 vs 1	**1.642104**	**.2403495**	**6.83**	**0.000**	**1.064306**	**2.219903**

. pwmean PRESENT, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

PRESENT	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**.0475431**	**.1938517**	**0.25**	**1.000**	**-.4184747**	**.5135609**
2 vs 0	**-3.901883**	**.1796466**	**-21.72**	**0.000**	**-4.333752**	**-3.470014**
2 vs 1	**-3.949426**	**.1533517**	**-25.75**	**0.000**	**-4.318082**	**-3.58077**

. pwmean NOGASTOX, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

NOGASTOX	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**.9443835**	**.2717989**	**3.47**	**0.002**	**.2909814**	**1.597786**
2 vs 0	**.7701367**	**.2518819**	**3.06**	**0.007**	**.1646149**	**1.375658**
2 vs 1	**-.1742469**	**.2150139**	**-0.81**	**1.000**	**-.6911383**	**.3426446**

. pwmean PRECIO, over(UNITANAL) mcompare(bonferroni) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

PRECIO	Contrast	Std. Err.	Bonferroni t	Bonferroni P>|t|	Bonferroni [95% Conf.	Bonferroni Interval]
UNITANAL						
1 vs 0	**-.7970697**	**.2762038**	**-2.89**	**0.012**	**-1.461061**	**-.1330782**
2 vs 0	**-.2702941**	**.255964**	**-1.06**	**0.875**	**-.8856293**	**.3450411**
2 vs 1	**.5267756**	**.2184985**	**2.41**	**0.049**	**.0015071**	**1.052044**

. pwmean PRECIO, over(UNITANAL) mcompare(duncan) effects

Pairwise comparisons of means with equal variances

over : **UNITANAL**

	Number of Comparisons
UNITANAL	**3**

PRECIO	Contrast	Std. Err.	Duncan t	Duncan P>|t|	Duncan [95% Conf.	Interval]
UNITANAL						
1 vs 0	**-.7970697**	**.2762038**	**-2.89**	**0.006**	**-1.368697**	**-.2254418**
2 vs 0	**-.2702941**	**.255964**	**-1.06**	**0.292**	**-.7734818**	**.2328936**
2 vs 1	**.5267756**	**.2184985**	**2.41**	**0.016**	**.0972395**	**.9563116**

```
. discrim lda PURECU AISALLAM CANTCU AISTEMP AISLESP PRESENT NOGASTOX PRECIO, group(UNITANAL
> )

Linear discriminant analysis
Resubstitution classification summary
```

Key
Number Percent

True UNITANAL	Classified 0	1	2	Total
0	**51**	**27**	**1**	**79**
	64.56	**34.18**	**1.27**	**100.00**
1	**46**	**79**	**2**	**127**
	36.22	**62.20**	**1.57**	**100.00**
2	**2**	**8**	**191**	**201**
	1.00	**3.98**	**95.02**	**100.00**
Total	**99**	**114**	**194**	**407**
	24.32	**28.01**	**47.67**	**100.00**
Priors	**0.3333**	**0.3333**	**0.3333**	

```
. estat grdistances, mahalanobis(f p) generalized

Mahalanobis squared distances between groups
```

Key
Mahalanobis squared distance F with 8 and 397 df p-value

UNITANAL	UNITANAL 0	1	2
0	**0**		
	0		
	1		
1	**1.09569**	**0**	
	6.554966	**0**	
	4.83e-08	**1**	
2	**21.63155**	**21.68287**	**0**
	150.6856	**207.2821**	**0**
	2.9e-115	**1.3e-136**	**1**

```
Generalized squared distances between groups
```

UNITANAL	UNITANAL 0	1	2
0	**0**		
1	**1.09569**	**0**	
2	**21.63155**	**21.68287**	**0**

```
. estat grdistances, mahalanobis(f p)

Mahalanobis squared distances between groups
```

Key
Mahalanobis squared distance F with 8 and 397 df p-value

UNITANAL	UNITANAL 0	1	2
0	**0**		
	0		
	1		
1	**1.09569**	**0**	
	6.554966	**0**	
	4.83e-08	**1**	
2	**21.63155**	**21.68287**	**0**
	150.6856	**207.2821**	**0**
	2.9e-115	**1.3e-136**	**1**

```
.
```