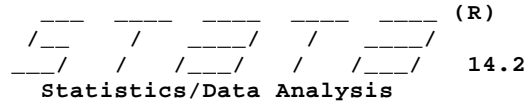


Statistics/Data Analysis

User: DIETA Y EM



14.2

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Possible actions

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```
1 . use "D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta"
(NIVELDESDEVITAMINADEN_DATA_NOHDRS_2017-12-21_1422.csv)

2 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_embutidos_cat_2 suma_embutidos_cat_3 eda
invalid something: unmatched open parenthesis or bracket

r(198);

3 .
4 . > tabaq_prev imc niveles_ea_na_cat color_piel)
> is not a valid command name
r(199);

5 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_embutidos_cat_2 suma_embutidos_cat_3 eda
> tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

Logistic regression
Log likelihood = **-100.34702**
Number of obs = **161**
LR chi2(7) = **22.34**
Prob > chi2 = **0.0022**
Pseudo R2 = **0.1002**

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_embutidos_cat_2	1.152598	.6789989	0.24	0.809	.3632727 3.656985
suma_embutidos_cat_3	2.078954	1.305355	1.17	0.244	.6072729 7.117148
edad	.9681031	.0111955	-2.80	0.005	.9464071 .9902965
tabaq_prev	.7343351	.2503363	-0.91	0.365	.3764592 1.432421
imc	.9671757	.045607	-0.71	0.479	.8817938 1.060825
niveles_ea_na_cat	2.262089	.7883776	2.34	0.019	1.142486 4.478868
color_piel	.8895971	.131243	-0.79	0.428	.6662157 1.187878
_cons	4.203388	7.622776	0.79	0.428	.1202151 146.9738

6 . tab suma_peces_azules_cat

suma_peces_azules_cat	Freq.	Percent	Cum.
Bajo	30	17.24	17.24
Moderado	101	58.05	75.29
Alto	43	24.71	100.00
Total	174	100.00	

7 . tab suma_peces_azules_cat, gen(suma_peces_azules_cat_)

suma_peces_azules_cat	Freq.	Percent	Cum.
Bajo	30	17.24	17.24
Moderado	101	58.05	75.29
Alto	43	24.71	100.00
Total	174	100.00	

```
8 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_peces_azules_cat_2 suma_peces_azules_cat_3
> _3 edad tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression          Number of obs   =      161
                             LR chi2(7)          =      20.10
                             Prob > chi2         =      0.0054
Log likelihood = -101.46787   Pseudo R2      =      0.0901
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_peces_azules_cat_2	1.339969	.6214698	0.63	0.528	.5398988 3.325654
suma_peces_azules_cat_3	1.070025	.5812939	0.12	0.901	.3689578 3.103212
edad	.967035	.011451	-2.83	0.005	.9448499 .989741
tabaq_prev	.696012	.2382856	-1.06	0.290	.3557957 1.361547
imc	.9639881	.045276	-0.78	0.435	.8792107 1.05694
niveles_ea_na_cat	2.29452	.797612	2.39	0.017	1.160915 4.535062
color_piel	.885759	.1289113	-0.83	0.405	.6659379 1.178141
_cons	5.532515	9.409171	1.01	0.314	.1973698 155.0831

9 . tab suma_carnes_rojas_cat

suma_carnes _rojas_cat	Freq.	Percent	Cum.
Bajo	12	6.90	6.90
Moderado	158	90.80	97.70
Alto	4	2.30	100.00
Total	174	100.00	

10 . tab suma_carnes_rojas_cat, gen(uma_carnes_rojas_cat_)

suma_carnes _rojas_cat	Freq.	Percent	Cum.
Bajo	12	6.90	6.90
Moderado	158	90.80	97.70
Alto	4	2.30	100.00
Total	174	100.00	

11 . rename uma_carnes_rojas_cat_1 suma_carnes_rojas_cat_1

12 . rename uma_carnes_rojas_cat_2 suma_carnes_rojas_cat_2

13 . rename uma_carnes_rojas_cat_3 suma_carnes_rojas_cat_3

14 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_carnes_rojas_cat_2 suma_carnes_rojas_cat_3
> t_3 edad tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model

Logistic regression	Number of obs	=	161
	LR chi2(7)	=	20.29
	Prob > chi2	=	0.0050
Log likelihood = -101.37267	Pseudo R2	=	0.0910

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_carnes_rojas_cat_2	1.748188	1.156179	0.84	0.398	.478232 6.390539
suma_carnes_rojas_cat_3	1.93412	2.323683	0.55	0.583	.1835846 20.37655
edad	.9675445	.0112872	-2.83	0.005	.9456729 .9899219
tabaq_prev	.691573	.2357961	-1.08	0.279	.3544994 1.349151
imc	.9607561	.0456868	-0.84	0.400	.8752579 1.054606
niveles_ea_na_cat	2.312171	.8053979	2.41	0.016	1.16821 4.576345
color_piel	.8829105	.1283807	-0.86	0.392	.6639673 1.17405
_cons	4.232364	7.222347	0.85	0.398	.1492947 119.9836

15 . linktest

Iteration 0: log likelihood = -111.51904
 Iteration 1: log likelihood = -101.35756
 Iteration 2: log likelihood = -101.15975
 Iteration 3: log likelihood = -101.15815
 Iteration 4: log likelihood = -101.15815

Logistic regression	Number of obs	=	161
	LR chi2(2)	=	20.72
	Prob > chi2	=	0.0000
Log likelihood = -101.15815	Pseudo R2	=	0.0929

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_hat	.9722611	.2590453	3.75	0.000	.4645417	1.479981
_hatsq	-.1619905	.2586477	-0.63	0.531	-.6689306	.3449496
_cons	.0761035	.2063005	0.37	0.712	-.328238	.4804451

16 . tab suma_frutas_cat

suma_frutas_cat	Freq.	Percent	Cum.
Bajo	43	24.71	24.71
Moderado	92	52.87	77.59
Alto	39	22.41	100.00
Total	174	100.00	

17 . tab suma_frutas_cat, gen(suma_frutas_cat)
) required
 r(100);

18 . tab suma_frutas_cat, gen(suma_frutas_cat_)

suma_frutas_cat	Freq.	Percent	Cum.
Bajo	43	24.71	24.71
Moderado	92	52.87	77.59
Alto	39	22.41	100.00
Total	174	100.00	

19 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_frutas_cat_2 suma_frutas_cat_3 edad taba
 > q_prev imc niveles_ea_na_cat color_piel)
 begin with full model
 p < 0.3000 for all terms in model

```

Logistic regression                               Number of obs   =       161
                                                    LR chi2(7)      =       21.61
                                                    Prob > chi2     =       0.0030
Log likelihood = -100.71283                       Pseudo R2      =       0.0969
    
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
suma_frutas_cat_2	1.73021	.7183101	1.32	0.187	.7668595	3.903747
suma_frutas_cat_3	1.803409	.8911592	1.19	0.233	.6846531	4.750263
edad	.9670547	.0111953	-2.89	0.004	.9453593	.9892479
tabaq_prev	.7035792	.2388518	-1.04	0.300	.361698	1.36861
imc	.9642489	.0452467	-0.78	0.438	.8795229	1.057137
niveles_ea_na_cat	2.286315	.7962618	2.37	0.018	1.155275	4.524666
color_piel	.8672388	.1283065	-0.96	0.336	.6489405	1.158971
_cons	4.946268	8.249301	0.96	0.338	.1882168	129.9861

20 . linktest

```
Iteration 0: log likelihood = -111.51904
Iteration 1: log likelihood = -100.74545
Iteration 2: log likelihood = -100.70812
Iteration 3: log likelihood = -100.708
Iteration 4: log likelihood = -100.708
```

```
Logistic regression                               Number of obs   =      161
                                                    LR chi2(2)      =      21.62
                                                    Prob > chi2     =      0.0000
Log likelihood = -100.708                        Pseudo R2      =      0.0969
```

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
_hat	1.005922	.2465991	4.08	0.000	.5225962 1.489247
_hatsq	.0220454	.2233935	0.10	0.921	-.4157979 .4598887
_cons	-.0116923	.207563	-0.06	0.955	-.4185082 .3951237

21 . tab verduras_ado_cat

verduras_ado_cat	Freq.	Percent	Cum.
Bajo	35	20.11	20.11
Moderado	83	47.70	67.82
Alto	56	32.18	100.00
Total	174	100.00	

22 . tab verduras_ado_cat, gen(verduras_ado_cat_)

verduras_ado_cat	Freq.	Percent	Cum.
Bajo	35	20.11	20.11
Moderado	83	47.70	67.82
Alto	56	32.18	100.00
Total	174	100.00	

```
23 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( verduras_ado_cat_2 verduras_ado_cat_3 edad t
> baq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression                               Number of obs   =      161
                                                    LR chi2(7)      =      21.64
                                                    Prob > chi2     =      0.0029
Log likelihood = -100.69662                        Pseudo R2      =      0.0970
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
verduras_ado_cat_2	.5266897	.2413576	-1.40	0.162	.2145301 1.293068
verduras_ado_cat_3	.589299	.2808676	-1.11	0.267	.2315484 1.499787
edad	.9649097	.0115094	-2.99	0.003	.9426135 .9877334
tabaq_prev	.7043817	.2388657	-1.03	0.301	.3623712 1.369186
imc	.9684168	.0455642	-0.68	0.495	.8831066 1.061968
niveles_ea_na_cat	2.21547	.767491	2.30	0.022	1.123543 4.368599
color_piel	.8602668	.1292139	-1.00	0.316	.6408861 1.154743
_cons	13.39319	23.92058	1.45	0.146	.4042182 443.764

24 . linktest

Iteration 0: log likelihood = -111.51904
 Iteration 1: log likelihood = -100.49278
 Iteration 2: log likelihood = -100.22894
 Iteration 3: log likelihood = -100.22691
 Iteration 4: log likelihood = -100.22691

Logistic regression Number of obs = 161
 LR chi2(2) = 22.58
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.1013
 Log likelihood = -100.22691

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
_hat	.97624	.252641	3.86	0.000	.4810728 1.471407
_hatsq	-.2204756	.2367606	-0.93	0.352	-.6845179 .2435667
_cons	.1083216	.2042895	0.53	0.596	-.2920784 .5087217

25 . tab suma_huevos

suma huevos:	Freq.	Percent	Cum.
1	1	0.58	0.58
2	1	0.58	1.16
3	9	5.20	6.36
4	17	9.83	16.18
5	46	26.59	42.77
6	99	57.23	100.00
Total	173	100.00	

26 . tab huevos_ado_cat

huevos_ado_cat	Freq.	Percent	Cum.
Bajo	28	16.09	16.09
Moderado	146	83.91	100.00
Total	174	100.00	

27 . tab huevos_ado_cat, nolabel

huevos_ado_cat	Freq.	Percent	Cum.
1	28	16.09	16.09
2	146	83.91	100.00
Total	174	100.00	

28 . tab huevos_ado_cat, gen(huevos_ado_cat_)

huevos_ado_cat	Freq.	Percent	Cum.
Bajo	28	16.09	16.09
Moderado	146	83.91	100.00
Total	174	100.00	

29 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (huevos_ado_cat_2 edad tabaq_prev imc niveles_ea_na_cat color_piel)

> ea_na_cat color_piel)
 begin with full model
 p < 0.3000 for all terms in model

Logistic regression
 Number of obs = 161
 LR chi2(6) = 19.80
 Prob > chi2 = 0.0030
 Pseudo R2 = 0.0888
 Log likelihood = -101.61816

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
huevos_ado_cat_2	.7881747	.372807	-0.50	0.615	.3118916 1.991779
edad	.966287	.0111544	-2.97	0.003	.9446702 .9883985
tabaq_prev	.7214141	.2428276	-0.97	0.332	.3729671 1.3954
imc	.9714086	.0451765	-0.62	0.533	.8867798 1.064114
niveles_ea_na_cat	2.347116	.8169771	2.45	0.014	1.186454 4.643209
color_piel	.888763	.129024	-0.81	0.417	.6686747 1.181291
_cons	6.491473	10.81094	1.12	0.261	.2481687 169.8007

30 .
 31 .
 32 . linktest

Iteration 0: log likelihood = -111.51904
 Iteration 1: log likelihood = -101.49928
 Iteration 2: log likelihood = -101.29824
 Iteration 3: log likelihood = -101.29694
 Iteration 4: log likelihood = -101.29694

Logistic regression
 Number of obs = 161
 LR chi2(2) = 20.44
 Prob > chi2 = 0.0000
 Pseudo R2 = 0.0917
 Log likelihood = -101.29694

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
_hat	.9700007	.2614627	3.71	0.000	.4575432 1.482458
_hatsq	-.2058433	.269216	-0.76	0.445	-.7334969 .3218103
_cons	.0943599	.2069965	0.46	0.648	-.3113457 .5000655

```
33 . tab suma_mariscos_cat, gen( suma_mariscos_cat_ )
```

suma_mariscos_cat	Freq.	Percent	Cum.
Bajo	4	2.30	2.30
Moderado	140	80.46	82.76
Alto	30	17.24	100.00
Total	174	100.00	

```
34 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_mariscos_cat_2 suma_mariscos_cat_3 edad
> tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression                               Number of obs   =       161
                                                  LR chi2(7)      =       19.57
                                                  Prob > chi2     =       0.0066
Log likelihood = -101.73198                    Pseudo R2      =       0.0878
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_mariscos_cat_2	1.18169	1.282323	0.15	0.878	.1408683 9.912739
suma_mariscos_cat_3	1.208546	1.383798	0.17	0.869	.1281234 11.39982
edad	.9668086	.0111264	-2.93	0.003	.9452453 .9888639
tabaq_prev	.7250227	.2449126	-0.95	0.341	.373952 1.405683
imc	.9684479	.0453205	-0.69	0.493	.8835733 1.061475
niveles_ea_na_cat	2.296473	.7944694	2.40	0.016	1.165699 4.524142
color_piel	.8799207	.1292873	-0.87	0.384	.6597447 1.173576
_cons	5.205391	9.757545	0.88	0.379	.1320899 205.1338

```
35 .
36 .
37 . linktest
```

```
Iteration 0: log likelihood = -111.51904
Iteration 1: log likelihood = -101.66882
Iteration 2: log likelihood = -101.4676
Iteration 3: log likelihood = -101.46603
Iteration 4: log likelihood = -101.46603
```

```
Logistic regression                               Number of obs   =       161
                                                  LR chi2(2)      =       20.11
                                                  Prob > chi2     =       0.0000
Log likelihood = -101.46603                    Pseudo R2      =       0.0901
```

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]
_hat	.9652608	.2638934	3.66	0.000	.4480393 1.482482
_hatsq	-.1902957	.2738404	-0.69	0.487	-.727013 .3464216
_cons	.0868309	.2077528	0.42	0.676	-.3203571 .4940188

38 . tab suma_sopas_cat

suma_sopas_cat	Freq.	Percent	Cum.
Bajo	37	21.26	21.26
Moderado	101	58.05	79.31
Alto	36	20.69	100.00
Total	174	100.00	

39 . tab suma_sopas_cat, gen(suma_sopas_cat_)

suma_sopas_cat	Freq.	Percent	Cum.
Bajo	37	21.26	21.26
Moderado	101	58.05	79.31
Alto	36	20.69	100.00
Total	174	100.00	

40 . save "D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta", replace
file D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta saved

41 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_sopas_cat_2 suma_sopas_cat_3 edad taba
> _prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model

```

Logistic regression      Number of obs    =      161
                        LR chi2(7)                  =      20.55
                        Prob > chi2                  =      0.0045
Log likelihood = -101.24478    Pseudo R2          =      0.0921
    
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
suma_sopas_cat_2	.9522757	.4102105	-0.11	0.910	.4093472	2.215306
suma_sopas_cat_3	1.470305	.7919479	0.72	0.474	.5115952	4.225603
edad	.9642602	.0116091	-3.02	0.003	.9417731	.9872842
tabaq_prev	.7179427	.2423082	-0.98	0.326	.3705154	1.391148
imc	.969862	.0451154	-0.66	0.511	.8853487	1.062443
niveles_ea_na_cat	2.312657	.7954856	2.44	0.015	1.178482	4.538364
color_piel	.887801	.1298408	-0.81	0.416	.666542	1.182507
_cons	5.981684	9.986481	1.07	0.284	.2268476	157.7295

42 . linktest

```

Iteration 0:  log likelihood = -111.51904
Iteration 1:  log likelihood = -101.20755
Iteration 2:  log likelihood = -101.00738
Iteration 3:  log likelihood = -101.00598
Iteration 4:  log likelihood = -101.00598
    
```

```

Logistic regression      Number of obs    =      161
                        LR chi2(2)                  =      21.03
                        Prob > chi2                  =      0.0000
Log likelihood = -101.00598    Pseudo R2          =      0.0943
    
```

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_hat	.9702086	.2557859	3.79	0.000	.4688774	1.47154
_hatsq	-.1755133	.2652977	-0.66	0.508	-.6954872	.3444607
_cons	.0844839	.2101106	0.40	0.688	-.3273254	.4962931

43 . tab suma_aji_cat

suma_aji_cat	Freq.	Percent	Cum.
Moderado	111	63.79	63.79
Alto	63	36.21	100.00
Total	174	100.00	

44 . tab suma_aji_cat, gen(suma_aji_cat_)

suma_aji_cat	Freq.	Percent	Cum.
Moderado	111	63.79	63.79
Alto	63	36.21	100.00
Total	174	100.00	

45 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_aji_cat_2 edad tabaq_prev imc niveles_ea_na_cat color_piel)

begin with full model
p < 0.3000 for all terms in model

Logistic regression	Number of obs	=	161
	LR chi2(6)	=	19.56
	Prob > chi2	=	0.0033
Log likelihood = -101.73941	Pseudo R2	=	0.0877

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
suma_aji_cat_2	.9615402	.3370405	-0.11	0.911	.48373	1.911313
edad	.9666863	.0110988	-2.95	0.003	.9451759	.9886862
tabaq_prev	.7222864	.2430462	-0.97	0.334	.3734942	1.396803
imc	.9687483	.0448538	-0.69	0.493	.8847074	1.060773
niveles_ea_na_cat	2.28933	.7919535	2.39	0.017	1.162118	4.509897
color_piel	.8817423	.1287013	-0.86	0.389	.6623661	1.173776
_cons	6.196631	10.43672	1.08	0.279	.2283039	168.1892

46 .

47 .

48 . tab suma_granos_cat

suma_granos_cat	Freq.	Percent	Cum.
Bajo	34	19.54	19.54
Moderado	107	61.49	81.03
Alto	33	18.97	100.00
Total	174	100.00	

```
49 . tab suma_granos_cat, gen( suma_granos_cat_ )
```

suma_granos_cat	Freq.	Percent	Cum.
Bajo	34	19.54	19.54
Moderado	107	61.49	81.03
Alto	33	18.97	100.00
Total	174	100.00	

```
50 . stepwise, pr(0.3) pe(0.15):logistic tipo_sujeto( suma_granos_cat_2 suma_granos_cat_3 edad tabaq_prev
> vimcniveles_ea_na_cat color_piel)
logistic tipo_sujeto( command not found
r(111);
```

```
51 . stepwise, pr(0.3) pe(0.15):logistic tipo_sujeto( suma_granos_cat_2 suma_granos_cat_3 edad tabaq_prev
> evimcniveles_ea_na_cat color_piel)
factor variables and time-series operators not allowed
r(101);
```

```
52 . stepwise, pr(0.3) pe(0.15):logistic tipo_sujeto( suma_granos_cat_2 suma_granos_cat_3 edad tabaq_prev
> rev imc niveles_ea_na_cat color_piel)
factor variables and time-series operators not allowed
r(101);
```

```
53 . stepwise, pr(0.3) pe(0.15):logistic tipo_sujeto( suma_granos_cat_2 suma_granos_cat_3 edad tabaq_prev
> rev imc niveles_ea_na_cat color_piel)
factor variables and time-series operators not allowed
r(101);
```

```
54 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_granos_cat_2 suma_granos_cat_3 edad tabaq_prev
> q_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression          Number of obs   =          161
                             LR chi2(7)            =          20.16
                             Prob > chi2           =          0.0052
Log likelihood = -101.43901   Pseudo R2       =          0.0904
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_granos_cat_2	1.281733	.5636729	0.56	0.572	.5413286 3.034827
suma_granos_cat_3	.95222	.5245359	-0.09	0.929	.3234804 2.803023
edad	.9676388	.0112144	-2.84	0.005	.9459066 .9898702
tabaq_prev	.7022955	.2400805	-1.03	0.301	.3593649 1.372474
imc	.9670551	.0453881	-0.71	0.475	.882065 1.060234
niveles_ea_na_cat	2.317249	.8061167	2.42	0.016	1.171816 4.582324
color_piel	.8933181	.1314387	-0.77	0.443	.669521 1.191923
_cons	4.835401	8.16483	0.93	0.351	.1766581 132.3523

```
55 . linktest
```

```
Iteration 0: log likelihood = -111.51904
Iteration 1: log likelihood = -101.42596
Iteration 2: log likelihood = -101.25526
Iteration 3: log likelihood = -101.25436
Iteration 4: log likelihood = -101.25436
```

```
Logistic regression          Number of obs   =          161
                             LR chi2(2)            =          20.53
                             Prob > chi2           =          0.0000
Log likelihood = -101.25436   Pseudo R2       =          0.0920
```

tipo_sujeto	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
_hat	.9654152	.2596988	3.72	0.000	.4564149	1.474416
_hatsq	-.1551589	.2649512	-0.59	0.558	-.6744537	.3641358
_cons	.0742544	.2096814	0.35	0.723	-.3367135	.4852224

56 . tab suma_vino_tinto_cat

suma_vino_t into_cat	Freq.	Percent	Cum.
Bajo	133	76.44	76.44
Moderado	41	23.56	100.00
Total	174	100.00	

57 . tab suma_vino_tinto_cat, gen(suma_vino_tinto_cat_)

suma_vino_t into_cat	Freq.	Percent	Cum.
Bajo	133	76.44	76.44
Moderado	41	23.56	100.00
Total	174	100.00	

58 . save "D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta", replace
file D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta saved

59 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto (suma_vino_tinto_cat_2 edad tabaq_prev imc ni
> eles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model

Logistic regression	Number of obs	=	161
	LR chi2(6)	=	19.67
	Prob > chi2	=	0.0032
Log likelihood = -101.68321	Pseudo R2	=	0.0882

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
suma_vino_tinto_cat_2	.8670971	.3498656	-0.35	0.724	.3932021	1.91214
edad	.9666747	.011097	-2.95	0.003	.9451679	.9886709
tabaq_prev	.7220447	.2429377	-0.97	0.333	.3733967	1.396232
imc	.9681456	.0449082	-0.70	0.485	.8840098	1.060289
niveles_ea_na_cat	2.27991	.7902697	2.38	0.017	1.15577	4.497424
color_piel	.880105	.1279395	-0.88	0.380	.6619066	1.170233
_cons	6.528717	10.94036	1.12	0.263	.2445934	174.2653

60 . tab suma_tuberculos

suma tubérculos :	Freq.	Percent	Cum.
6	2	1.16	1.16
7	1	0.58	1.74
8	3	1.74	3.49
9	3	1.74	5.23
10	3	1.74	6.98
11	3	1.74	8.72
12	9	5.23	13.95
13	3	1.74	15.70

14	15	8.72	24.42
15	13	7.56	31.98
16	20	11.63	43.60
17	17	9.88	53.49
18	14	8.14	61.63
19	16	9.30	70.93
20	18	10.47	81.40
21	7	4.07	85.47
22	8	4.65	90.12
23	4	2.33	92.44
24	4	2.33	94.77
25	3	1.74	96.51
26	1	0.58	97.09
27	1	0.58	97.67
28	4	2.33	100.00
<hr/>			
Total	172	100.00	

61 . tab suma_tuberculos_cat

suma_tuberculos_cat	Freq.	Percent	Cum.
Bajo	42	24.14	24.14
Moderado	98	56.32	80.46
Alto	34	19.54	100.00
<hr/>			
Total	174	100.00	

62 . tab suma_tuberculos_cat, gen(suma_tuberculos_cat_)

suma_tuberculos_cat	Freq.	Percent	Cum.
Bajo	42	24.14	24.14
Moderado	98	56.32	80.46
Alto	34	19.54	100.00
<hr/>			
Total	174	100.00	

```
63 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_tuberculos_cat_2 suma_tuberculos_cat_3
> dad tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression          Number of obs    =      161
                             LR chi2(7)             =      20.81
                             Prob > chi2            =      0.0041
Log likelihood = -101.11568   Pseudo R2        =      0.0933
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_tuberculos_cat_2	1.434939	.6192583	0.84	0.403	.6158733 3.343302
suma_tuberculos_cat_3	.9504874	.5284787	-0.09	0.927	.3196476 2.82632
edad	.9665849	.0120391	-2.73	0.006	.9432743 .9904715
tabaq_prev	.7032037	.2395095	-1.03	0.301	.3607148 1.370877
imc	.9638942	.0452407	-0.78	0.433	.8791803 1.056771
niveles_ea_na_cat	2.406157	.8438783	2.50	0.012	1.210024 4.784694
color_piel	.8879119	.1299224	-0.81	0.417	.666529 1.182826
_cons	5.064952	8.449332	0.97	0.331	.192577 133.2129

```
64 . save "D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta", replace
file D:\Users\bifabcor\Desktop\VITAMINA D\BD - STATA.dta saved
```

```
65 . suma_bebidas_azucaradas_cat
command suma_bebidas_azucaradas_cat is unrecognized
r(199);
```

```
66 . tab suma_bebidas_azucaradas_cat
```

suma_bebidas_azucaradas_cat	Freq.	Percent	Cum.
Bajo	33	18.97	18.97
Moderado	99	56.90	75.86
Alto	42	24.14	100.00
Total	174	100.00	

```
67 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_bebidas_azucaradas_cat_2 suma_bebidas_
> ucaradas_cat_3 edad tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
for all terms in model
p < 0.3000
```

```
Logistic regression          Number of obs   =      161
                             LR chi2(7)         =      25.48
                             Prob > chi2        =      0.0006
Log likelihood = -98.778009   Pseudo R2      =      0.1142
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_bebidas_azucaradas_cat_2	2.304254	1.098562	1.75	0.080	.9051416 5.866028
suma_bebidas_azucaradas_cat_3	3.727513	2.074639	2.36	0.018	1.252166 11.09625
edad	.9715372	.0115023	-2.44	0.015	.9492528 .9943449
tabaq_prev	.6073329	.2178368	-1.39	0.164	.3006905 1.226687
imc	.9547325	.0462261	-0.96	0.339	.8682972 1.049772
niveles_ea_na_cat	2.32799	.8281874	2.38	0.018	1.159216 4.675175
color_piel	.8744938	.1307051	-0.90	0.370	.6524285 1.172143
_cons	3.425132	5.790574	0.73	0.466	.1246306 94.13044

```
68 . tab suma_comida_rapida
```

suma comida_rapida:	Freq.	Percent	Cum.
2	33	18.97	18.97
3	11	6.32	25.29
4	24	13.79	39.08
5	21	12.07	51.15
6	36	20.69	71.84
7	15	8.62	80.46
8	17	9.77	90.23
9	10	5.75	95.98
10	4	2.30	98.28
12	3	1.72	100.00
Total	174	100.00	

```
69 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_bebidas_azucaradas_cat_2 suma_bebidas_a
> ucaradas_cat_3 edad tabaq_prev imc niveles_ea_na_cat color_piel suma_comida_rapida)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression          Number of obs      =      161
                             LR chi2(8)             =      31.41
                             Prob > chi2            =      0.0001
Log likelihood = -95.816155  Pseudo R2           =      0.1408
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_bebidas_azucaradas_cat_2	2.116795	1.017455	1.56	0.119	.825167 5.430201
suma_bebidas_azucaradas_cat_3	2.421879	1.433122	1.49	0.135	.7593862 7.723997
edad	.9845783	.0128107	-1.19	0.232	.9597873 1.01001
tabaq_prev	.5576215	.2051868	-1.59	0.112	.271097 1.146976
imc	.9611406	.0471624	-0.81	0.419	.8730099 1.058168
niveles_ea_na_cat	2.537636	.9315144	2.54	0.011	1.235864 5.210604
color_piel	.9489353	.1489779	-0.33	0.738	.6975935 1.290835
suma_comida_rapida	1.242709	.1144687	2.36	0.018	1.037441 1.488592
_cons	.3192067	.6354552	-0.57	0.566	.00645 15.79744

```
70 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_comida_rapida_cat_2 suma_comida_rapida_
> at_3 edad tabaq_prev imc niveles_ea_na_cat color_piel)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression          Number of obs      =      152
                             LR chi2(7)             =      27.14
                             Prob > chi2            =      0.0003
Log likelihood = -91.670937  Pseudo R2           =      0.1289
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_comida_rapida_cat_2	2.054872	1.007144	1.47	0.142	.7863021 5.37007
suma_comida_rapida_cat_3	6.14368	4.047322	2.76	0.006	1.689179 22.34506
edad	.9803686	.012461	-1.56	0.119	.9562471 1.005099
tabaq_prev	.5494411	.2006747	-1.64	0.101	.268555 1.124111
imc	.9849123	.0472505	-0.32	0.751	.8965236 1.082015
niveles_ea_na_cat	2.612167	.9918776	2.53	0.011	1.241045 5.498124
color_piel	.919141	.1485782	-0.52	0.602	.669555 1.261764
_cons	.6927918	1.34599	-0.19	0.850	.0153761 31.21469

```
71 . tab suma_bebidas_azucaradas
```

suma bebidas azucaradas:	Freq.	Percent	Cum.
2	19	10.92	10.92
3	14	8.05	18.97
4	21	12.07	31.03
5	21	12.07	43.10
6	41	23.56	66.67
7	16	9.20	75.86
8	33	18.97	94.83
9	6	3.45	98.28
10	2	1.15	99.43
11	1	0.57	100.00
Total	174	100.00	

```
72 . stepwise, pr(0.3) pe(0.15) : logistic tipo_sujeto ( suma_comida_rapida_cat_2 suma_comida_rapida_
> at_3 edad tabaq_prev imc niveles_ea_na_cat color_piel suma_bebidas_azucaradas)
begin with full model
p < 0.3000 for all terms in model
```

```
Logistic regression                               Number of obs      =          152
                                                    LR chi2(8)         =          28.34
                                                    Prob > chi2        =          0.0004
Log likelihood = -91.06858                          Pseudo R2          =          0.1347
```

tipo_sujeto	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
suma_comida_rapida_cat_2	1.903489	.9403902	1.30	0.193	.7228147 5.012723
suma_comida_rapida_cat_3	4.946357	3.387776	2.33	0.020	1.292096 18.93548
edad	.9818594	.0125968	-1.43	0.154	.9574779 1.006862
tabaq_prev	.5184305	.1919001	-1.77	0.076	.2509651 1.070946
imc	.9786607	.0476628	-0.44	0.658	.8895633 1.076682
niveles_ea_na_cat	2.621229	.9974241	2.53	0.011	1.243391 5.52589
color_piel	.9106321	.1480586	-0.58	0.565	.6621358 1.252388
suma_bebidas_azucaradas	1.108165	.1040677	1.09	0.274	.9218672 1.332112
_cons	.4962427	.9732239	-0.36	0.721	.010625 23.17704