AE table, with chi-square (2nd example)

	TOPTOP						
	trt				all		pvalue
	A		B		n	%	
	n	%	n	%			
TOPTOP							
have	4	66.67	4	66.67	8	66.67	0.5403
bodysys							
Skeletal							
all	1	16.67	2	33.33	3	25	1
nothave	5	83.3	4	66.7	9	75	1
prefterm							
Fracture	1	16.67	1	16.67	2	16.67	0.4386
Broken_Foot			2	33.33	2	16.67	0.4386
Gastro							
all			1	16.67	1	8.33	1
nothave	6	100	5	83.3	11	91.67	1
prefterm							
Bellyache			1	16.67	1	8.33	1
Cardio							
all	1	16.67	1	16.67	2	16.67	0.4386
nothave	5	83.3	5	83.3	10	83.33	0.4386
prefterm							
MI	1	16.67	1	16.67	2	16.67	0.4386
Stroke			1	16.67	1	8.33	1
CNS							
all	4	66.67			4	33.33	0.0662
nothave	2	33.3	6	100	8	66.67	0.0662
prefterm							
Headache	3	50			3	25	0.1824
Jitters	1	16.67			1	8.33	1

```
title "AE table, with chi-square (2nd example)" ;

directoryref a="/home/robert/test" ;
formatfile "/home/robert/test/formats.txt" ;

inputdset asc a/patinfo1 patid trt 1*(patid) ;
inputdset asc a/ae2 patid bodysys~(format=bodysysf) prefterm~(format=ptermf) ;
thing pat uniqval(patid) a/patinfo1 ;
n~n(pat) ;

printto "/home/robert/test/output5" ;
denom trt ;

model chisq(thisrow?*trt*n)

col (trt all)*(n %) pvalue ;
row have(a/ae2) bodysys*(all nothave prefterm) ;
```

Example of linear model stats in a table

TOPTOP

	Region												Model Coefficient			F-statistic	
	East			North			South			West			Estimate	T	P-value	F	P-value
	Pairwise			Pairwise			Pairwise			Pairwise							
	Estimate	T	P-value	Estimate	T	P-value	Estimate	T	P-value	Estimate	T	P-value					
TOPTOP																	
Region																	
																15921	0
East				-4.432	-4.515	0.0002	0.506	0.318	0.7536	-1.000	-0.986	0.3346	108.0	54.76	0		
North	4.432	4.515	0.0002				4.938	3.177	0.0044	3.432	3.496	0.0020	112.4	56.84	0		
South	-0.506	-0.318	0.7536	-4.938	-3.177	0.0044				-1.506	-0.946	0.3544	107.5	34.72	0		
West	1.000	0.986	0.3346	-3.432	-3.496	0.0020	1.506	0.946	0.3544				109.0	55.27	0		

```
title "Example of linear model stats in a table" ;

directoryref a="/home/robert/test" ;

inputdset asc a/data_lm2 region temp cscore ;

categorical region ;
continuous temp cscore ;

printto "/home/robert/test/out_lin02" ;


model lm(cscore = region-1+temp) ;

col region*all*( est_pw t_pw pval_pw ) all*(est t_c pval_c) all*(fvalue pvalue) ;
row region ;


label all "Pairwise" "Model Coefficient" "F-statistic"    fvalue "F" pvalue "P-value"   region
"Region"
      est_pw "Estimate"  t_pw "T"  pval_pw "P-value"      est "Estimate" t_c "T" pval_c "P-
value"  ;
```

Example of 3 categorical variables: summary stats and chi-square for each

	TOPTOP					
	trt				chisqvalue	pvalue
	A		B			
	n	%	n	%		
TOPTOP						
zcode						
					8.333	0.003892
7	6	100				
8			6	100		
color						
					3	0.08326
blue	1	16.67	5	83.33		
red	5	83.33	1	16.67		
gender						
					0.3333	0.5637
female	2	33.33	4	66.67		
male	4	66.67	2	33.33		
agegrp						
					0.3333	0.5637
0	3	50	3	50		
1	3	50	3	50		

```
title "Example of 3 categorical variables: summary stats and chi-square for each" ;

directoryref a="/home/robert/test" ;

inputdset asc a/patinfo1 patid trt zcode color gender agegrp 1*(patid) ;
inputdset asc a/ae1 patid bodysys prefterm ;
# leave out pat defn for this test program

printto "/home/robert/test/output3" ;
denom trt ;
model chisq(thisrowcat*trt*n)
col trt*(n %) chisqvalue pvalue ;
row zcode color gender agegrp ;
```