4. Summary of categorical variables

Summary of categorical variable

Cross tabulation with target variable

- Custom tables between all categorical independent variables and traget variable **Died**

```
ExpCTable(data,Target=Target,margin=1,clim=10,nlim=NULL,round=2,bin=NULL,per=F)
```

VARIABLE <chr>	CATEGORY <chr>	Died:FALSE <dbl>	Died:TRUE <dbl>	TOTAL <dbl>
Race	Asian	14	14	28
Race	Bi-Racial	5	13	18
Race	Black	56	58	114
Race	Hispanic	75	71	146
Race	NA	52	55	107
Race	Native	2	5	7
Race	Other	0	1	1
Race	White	261	318	579
Race	TOTAL	465	535	1000
Sex	Female	204	275	479

1-10 of 12 rows   Previous   **1**   2   Next

Information Value

```
ExpCatStat(data,Target=Target,Label=label,result = "IV",clim=10,nlim=5,Pclass=Rc)
```

Variable <fctr>	Target <fctr>	Class <chr>	Out_1 <int>	Out_0 <int>	TOTAL <int>	Per_1 <dbl>	Per_0 <dbl>	Odds <dbl>	WOE <dbl>
Race	Died	Asian	14	14	28	0.030	0.026	1.154	0.143
Race	Died	Bi-Racial	5	13	18	0.011	0.024	0.458	-0.781
Race	Died	Black	56	58	114	0.120	0.108	1.111	0.105