

```

data understand;
  input directMethod Understand count;
  cards;
0 0 15
0 1 25
1 0 26
1 1 16
;
run;

```

```

proc catmod data=understand;
  weight count;
  direct directMethod;
  response logits;
  model Understand = directMethod;
run;

```

The CATMOD Procedure

Data Summary			
Response	Understand	Response Levels	2
Weight Variable	count	Populations	2
Data Set	UNDERSTAND	Total Frequency	82
Frequency Missing	0	Observations	4
Population Profiles			
Sample	directMethod	Sample Size	
1	0	40	

Population Profiles		
Sample	directMethod	Sample Size
2	1	42

Response Profiles	
Response	Understand
1	0
2	1

Maximum Likelihood Analysis
Maximum likelihood computations converged.

Maximum Likelihood Analysis of Variance			
Source	DF	Chi-Square	Pr > ChiSq
Intercept	1	2.45	0.1178
directMethod	1	4.78	0.0288
Likelihood Ratio	0	.	.

Analysis of Maximum Likelihood Estimates				
Parameter	Estimate	Standard Error	Chi-Square	Pr > ChiSq
Intercept	-0.5108	0.3266	2.45	0.1178
directMethod	0.9963	0.4557	4.78	0.0288