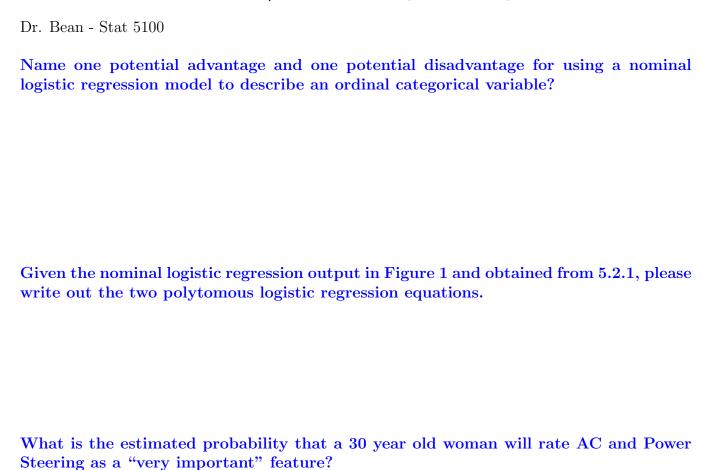
## 5.2. Nominal/Ordinal Logistic Regression



Analysis of Maximum Likelihood Estimates							
Parameter	response	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq	
Intercept	3	1	-1.0391	0.3305	9.8843	0.0017	
Intercept	2	1	-0.5908	0.2840	4.3286	0.0375	
S	3	1	-0.8129	0.3210	6.4122	0.0113	
S	2	1	-0.3881	0.3005	1.6677	0.1966	
A2	3	1	1.4780	0.4009	13.5912	0.0002	
A2	2	1	1.1283	0.3416	10.9059	0.0010	
A3	3	1	2.9165	0.4229	47.5594	<.0001	
A3	2	1	1.5876	0.4029	15.5270	<.0001	

Odds Ratio Estimates								
Effect	response	Point Estimate	95% Wald Confidence Limits					
S	3	0.444	0.236	0.832				
S	2	0.678	0.376	1.223				
A2	3	4.384	1.998	9.620				
A2	2	3.090	1.582	6.037				
A3	3	18.477	8.066	42.327				
A3	2	4.892	2.221	10.775				

Figure 1: Nominal logistic regression models using age and sex to predict odds of rating AC and power steering in cars as not important/important/very important.