Model Information			
Data Set WORK.DATA			
Response Variable	Category		
Number of Response Levels 39			
Model	cumulative logit		
Optimization Technique	Fisher's scoring		

Number of Observations Read	878048
Number of Observations Used	878047

Response Profile			
Ordered Value	Category	Total Frequency	
1	0	42214	
2	1	126182	
3	2	174900	
4	3	53781	
5	4	44724	
6	5	92304	
7	6	23000	
8	7	76876	
9	8	8555	
10	9	36755	
11	10	31414	
12	11	4280	
13	12	10608	
14	13	53971	
15	14	4540	
16	15	9985	
17	16	7326	
18	17	25989	
19	18	16679	
20	19	2341	
21	20	1946	
22	21	2268	
23	22	4388	
24	23	7484	
25	24	4320	

Response Profile			
Ordered Value	Category	Total Frequency	
26	25	1513	
27	26	491	
28	27	1903	
29	28	289	
30	29	1166	
31	30	508	
32	31	1225	
33	32	148	
34	33	256	
35	34	146	
36	35	406	
37	36	6	
38	37	3138	
39	38	22	

Probabilities modeled are cumulated over the lower Ordered Values.

Note: 1 observation was deleted due to missing values for the response or explanatory variables.

Forward Selection Procedure

Step 0. Intercepts entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

-2 Log L	=	4706898.0
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Residual Chi-Square Test			
Chi-Square DF Pr > ChiSq			
16906.6394	10	<.0001	

Step 1. Effect Resolution entered:

Model Convergence Status	
Convergence criterion (GCONV=1E-8) satisfied.	

Score Test for the Proportional Odds Assumption			
Chi-Square	Pr > ChiSq		
95201.4279	37	<.0001	

Model Fit Statistics			
Criterion	Intercept Only	Intercept and Covariates	
AIC	4706974.0	4691103.3	
sc	4707418.1	4691559.0	
-2 Log L	4706898.0	4691025.3	

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	15872.7554	1	<.0001
Score	14313.0802	1	<.0001
Wald	17039.2921	1	<.0001

Residual Chi-Square Test				
Chi-Square DF Pr > ChiSo				
2646.0894	9	<.0001		

Step 2. Effect Hour entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption		
Chi-Square	DF	Pr > ChiSq
106499.714	74	<.0001

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	4706974.0	4689011.9
sc	4707418.1	4689479.3
-2 Log L	4706898.0	4688931.9

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	17966.1534	2	<.0001
Score	16417.6152	2	<.0001
Wald	19065.8278	2	<.0001

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
570.1986	8	<.0001

Step 3. Effect Year entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption		
Chi-Square	DF	Pr > ChiSq
122547.906	111	<.0001

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	4706974.0	4688742.5
sc	4707418.1	4689221.6
-2 Log L	4706898.0	4688660.5

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	18237.5601	3	<.0001
Score	16683.2449	3	<.0001
Wald	19332.2157	3	<.0001

Residual Chi-Square Test		
Chi-Square	DF	Pr > ChiSq
288.2504	7	<.0001

Step 4. Effect X entered:

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption		
Chi-Square	DF	Pr > ChiSq
130458.191	148	<.0001

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	4706974.0	4688593.7
sc	4707418.1	4689084.5
-2 Log L	4706898.0	4688509.7

Testing Global Null Hypothesis: BETA=0			
Test Chi-Square DF Pr > ChiSq			
Likelihood Ratio	18388.3658	4	<.0001
Score	16812.7261	4	<.0001
Wald	19495.4875	4	<.0001

Residual Chi-Square Test			
Chi-Square DF Pr > ChiSq			
134.9150	6	<.0001	

Step 5. Effect Minutes entered:

Model	Convergence	Status
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Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption			
Chi-Square DF Pr > ChiSq			
187651.362	185	<.0001	

Model Fit Statistics			
Criterion	Intercept and Covariat		
AIC	4706974.0	4688535.6	
sc	4707418.1	4689038.1	
-2 Log L	4706898.0	4688449.6	

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	18448.4268	5	<.0001
Score	16832.2297	5	<.0001
Wald	19596.7570	5	<.0001

Residual Chi-Square Test			
Chi-Square DF Pr > ChiSq			
76.1988	5	<.0001	

Step 6. Effect Month entered:

Model Convergence Status		
Convergence criterion (GCONV=1E-8) satisfied.		

Score Test for the Proportional Odds Assumption				
Chi-Square DF Pr > ChiSq				
442266.376	222	<.0001		

Model Fit Statistics			
Criterion	Intercept and Only Covariates		
AIC	4706974.0	4688505.7	
sc	4707418.1	4689019.9	
-2 Log L	4706898.0	4688417.7	

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	18480.3375	6	<.0001
Score	16859.0161	6	<.0001
Wald	19632.7655	6	<.0001

Residual Chi-Square Test			
Chi-Square DF Pr > ChiSo			
44.3540	4	<.0001	

Step 7. Effect Day entered:

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption					
Chi-Square DF Pr > ChiSq					
457352.786	259	<.0001			

Model Fit Statistics							
Intercept and Criterion Only Covariates							
AIC	4706974.0	4688484.4					
sc	4707418.1	4689010.2					
-2 Log L	4706898.0	4688394.4					

Testing Global Null Hypothesis: BETA=0							
Test Chi-Square DF Pr > ChiSq							
Likelihood Ratio	18503.6488	7	<.0001				
Score	16883.4949	7	<.0001				
Wald	19654.3588	7	<.0001				

Residual Chi-Square Test						
Chi-Square DF Pr > ChiSq						
21.1436	3	<.0001				

Step 8. Effect DayOfWeek entered:

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Score Test for the Proportional Odds Assumption						
Chi-Square DF Pr > ChiSq						
616885.869	296	<.0001				

Model Fit Statistics							
Intercept and Criterion Only Covariates							
AIC	4706974.0	4688466.0					
sc	4707418.1	4689003.5					
-2 Log L	4706898.0	4688374.0					

Testing Global Null Hypothesis: BETA=0							
Test Chi-Square DF Pr > ChiSq							
Likelihood Ratio	18524.0751	8	<.0001				
Score	16902.8641	8	<.0001				
Wald	19674.8333	8	<.0001				

Residual Chi-Square Test					
Chi-Square DF Pr > ChiSq					
0.5962	2	0.7422			

Note: No (additional) effects met the 0.05 significance level for entry into the model.

Summary of Forward Selection							
Step	Effect Entered	DF	Number In	Score Chi-Square	Pr > ChiSq		
1	Resolution	1	1	14313.0802	<.0001		
2	Hour	1	2	2092.7612	<.0001		
3	Year	1	3	275.6500	<.0001		
4	х	1	4	153.7971	<.0001		
5	Minutes	1	5	58.9601	<.0001		
6	Month	1	6	31.7939	<.0001		
7	Day	1	7	23.2623	<.0001		
8	DayOfWeek	1	8	20.5687	<.0001		

Analysis of Maximum Likelihood Estimates									
Parameter	Parameter DF Estimate Standard Wald Pr > Chi-Square Pr > Chi								
Intercept	0	1	69.0850	7.6249	82.0919	<.0001			
Intercept	1	1	70.6385	7.6249	85.8252	<.0001			
Intercept	2	1	71.6413	7.6249	88.2789	<.0001			
Intercept	3	1	71.8962	7.6249	88.9083	<.0001			
Intercept	4	1	72.1036	7.6249	89.4218	<.0001			
Intercept	5	1	72.5361	7.6249	90.4978	<.0001			
Intercept	6	1	72.6484	7.6249	90.7781	<.0001			
Intercept	7	1	73.0551	7.6249	91.7973	<.0001			
Intercept	8	1	73.1046	7.6249	91.9218	<.0001			
Intercept	9	1	73.3324	7.6249	92.4954	<.0001			
Intercept	10	1	73.5521	7.6249	93.0506	<.0001			
Intercept	11	1	73.5844	7.6249	93.1322	<.0001			
Intercept	12	1	73.6671	7.6249	93.3417	<.0001			
Intercept	13	1	74.1836	7.6249	94.6552	<.0001			
Intercept	14	1	74.2381	7.6249	94.7942	<.0001			
Intercept	15	1	74.3667	7.6249	95.1228	<.0001			
Intercept	16	1	74.4702	7.6249	95.3878	<.0001			
Intercept	17	1	74.9250	7.6249	96.5566	<.0001			
Intercept	18	1	75.3474	7.6249	97.6482	<.0001			
Intercept	19	1	75.4220	7.6249	97.8416	<.0001			
Intercept	20	1	75.4881	7.6249	98.0132	<.0001			
Intercept	21	1	75.5705	7.6249	98.2274	<.0001			
Intercept	22	1	75.7505	7.6249	98.6958	<.0001			
Intercept	23	1	76.1525	7.6249	99.7461	<.0001			
Intercept	24	1	76.4835	7.6249	100.6150	<.0001			
Intercept	25	1	76.6302	7.6249	101.0014	<.0001			
Intercept	26	1	76.6827	7.6249	101.1399	<.0001			
Intercept	27	1	76.9165	7.6249	101.7574	<.0001			
Intercept	28	1	76.9572	7.6249	101.8652	<.0001			
Intercept	29	1	77.1403	7.6249	102.3503	<.0001			
Intercept	30	1	77.2317	7.6249	102.5929	<.0001			
Intercept	31	1	77.4934	7.6249	103.2893	<.0001			
Intercept	32	1	77.5301	7.6249	103.3873	<.0001			
Intercept	33	1	77.5970	7.6249	103.5657	<.0001			
Intercept	34	1	77.6372	7.6250	103.6731	<.0001			

Analysis of Maximum Likelihood Estimates								
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq		
Intercept	35	1	77.7584	7.6250	103.9968	<.0001		
Intercept	36	1	77.7603	7.6250	104.0019	<.0001		
Intercept	37	1	82.7309	7.6279	117.6319	<.0001		
Day		1	0.00102	0.000212	22.9776	<.0001		
DayOfWeek		1	0.00427	0.000945	20.4003	<.0001		
Hour		1	0.0131	0.000285	2112.2936	<.0001		
Minutes		1	0.000777	0.000100	59.9855	<.0001		
Month		1	-0.00314	0.000544	33.3539	<.0001		
Resolution		1	-0.1192	0.000924	16641.8160	<.0001		
х		1	0.7219	0.0618	136.6692	<.0001		
Year		1	0.00809	0.000514	248.0335	<.0001		

Odds Ratio Estimates					
Effect	Point Estimate		95% Wald Confidence Limits		
Day	1.001	1.001	1.001		
DayOfWeek	1.004	1.002	1.006		
Hour	1.013	1.013	1.014		
Minutes	1.001	1.001	1.001		
Month	0.997	0.996	0.998		
Resolution	0.888	0.886	0.889		
х	2.058	1.824	2.323		
Year	1.008	1.007	1.009		

Association of Predicted Probabilities and Observed Responses					
Percent Concordant	50.5	Somers' D	0.060		
Percent Discordant	44.5	Gamma	0.063		
Percent Tied	5.0	Tau-a	0.054		
Pairs	348055469472	с	0.530		