

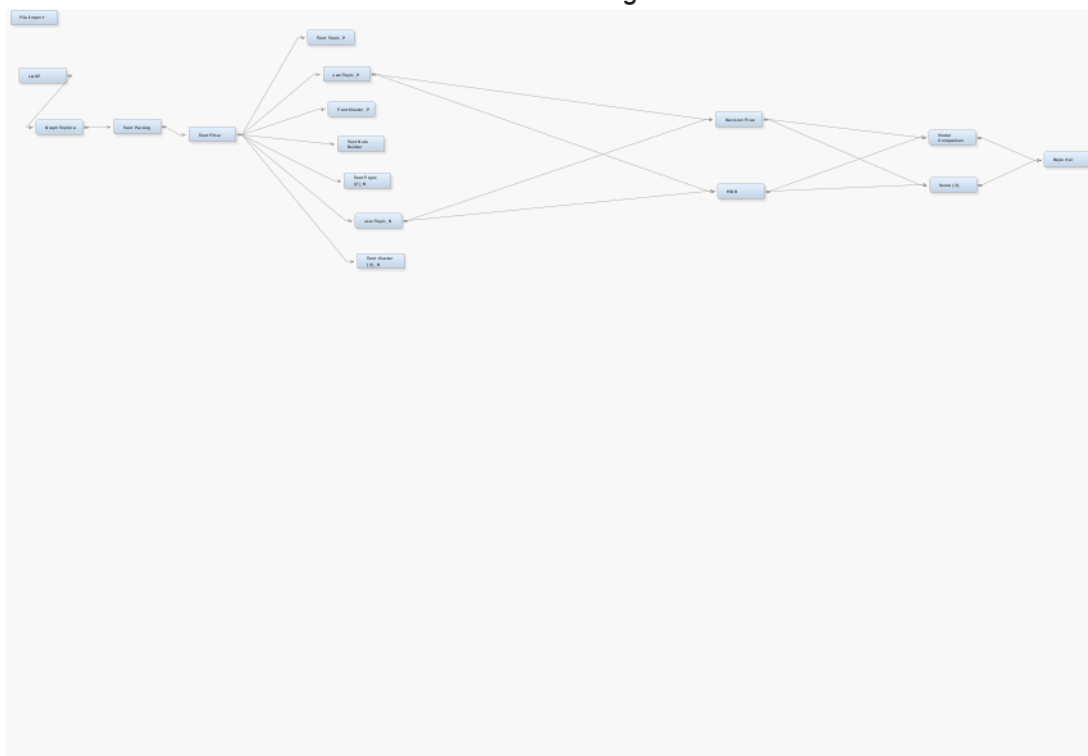
## SAS Enterprise Miner Report

User = mythr  
 Date = 16:34:04 December 05  
 Project = yelpReviewProject  
 Diagram = nedwdiagram

Start Node = Report  
 Node label = Reporter  
 Nodes = PATH  
 Showall = N

Format = PDF  
 Style = LISTING

### SAS Enterprise Miner Report Process Flow Diagram



SAS Enterprise Miner Report

Node=LAST  
Summary

Node id = Ids  
Node label = LAST  
Meta path = Ids  
Notes =

Node=LAST  
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DataSource		DsCreatedBy	mythr		NBytes	5041292288	.
ApplyIntervalLevelLowerLimit	Y		DsId	last		NCols	4	.
ApplyMaxClassLevels	Y		DsModifiedBy	mythr		NObs	1000000	.
ApplyMaxPercentMissing	Y		DsModifyDate	1859642188.1		NewTable		
CMeta	WORK.M28ETIUQ		DsSampleName			NewVariableRole	REJECT	
ComputeStatistics	N		DsSampleSize			OutputType	VIEW	
DBPassThrough	Y		DsSampleSizeType			Role	RAW	TRAIN
Data	LAST.FIMPORT_DATA		DsScope	LOCAL		Sample	D	
DataSelection	DATASOURCE		IdentifyEmptyColumns	Y		SampleSizeObs	10000	
DataSource	last		IntervalLowerLimit	20		SampleSizePercent	20	
DataSourceRole	RAW		Library	LAST		SampleSizeType	PERCENT	
Description			MaxClassLevels	20		Scope	LOCAL	
DropMapVariables	Y		MaxPercentMissing	50		Segment		
DsCreateDate	1859642188		MetaAdvisor	BASIC		Table	FIMPORT_DATA	

Node=LAST  
Data Attributes

Attribute	Value	Attribute	Value	Attribute	Value
Data Name	FIMPORT_DATA	Date Created	05Dec2018:15:06:49	Data Size	5041292288
Data Type	DATA	Date Modified	05Dec2018:15:06:49	Role	RAW
Data Label		Number Rows	1000000	Segment	
Engine	BASE	Number Columns	4	Data Library	LAST

Node=LAST  
Variables List

Name	Label	Role	Level	Type	Length	Format	Creator
Comments		TARGET	NOMINAL	C	17	\$17.	
stars		INPUT	INTERVAL	N	8	BEST12.0	
text		TEXT	NOMINAL	C	4950	\$4950.	
userid		ID	NOMINAL	C	22	\$22.	

## SAS Enterprise Miner Report

### Node=Graph Explore Summary

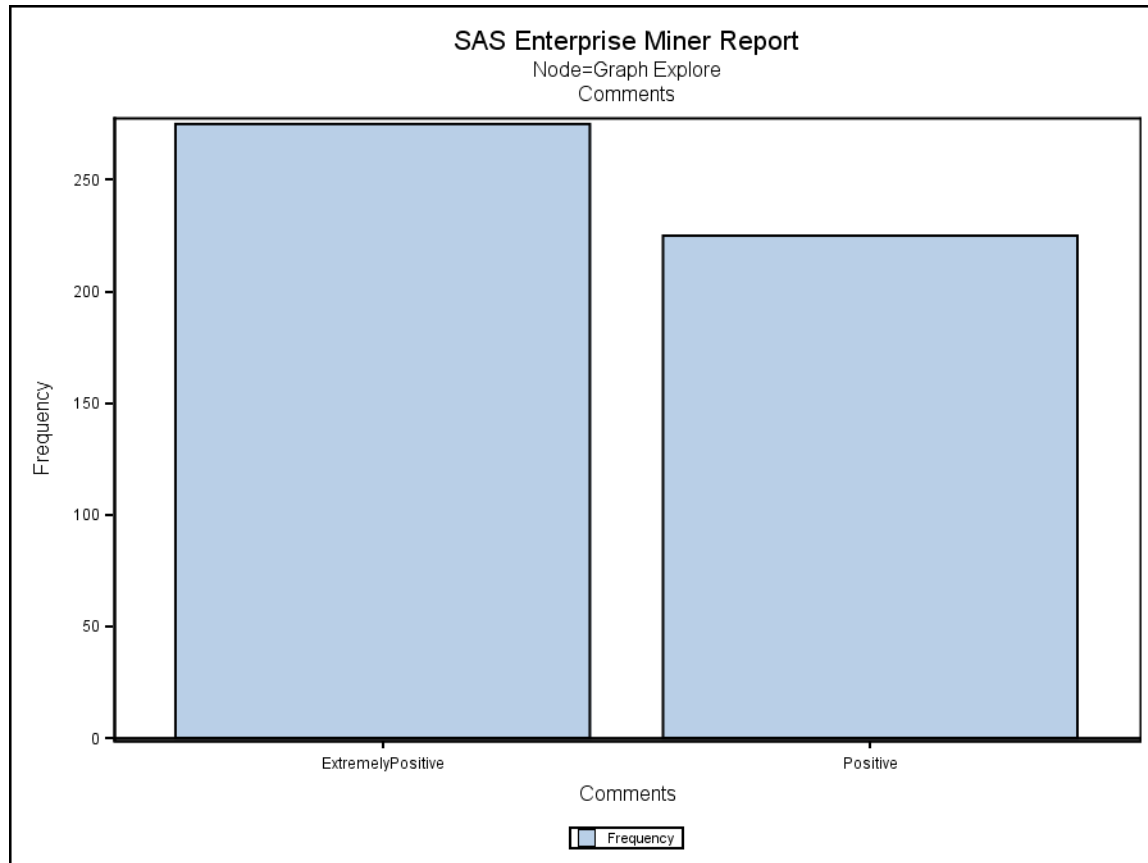
Node id = GrfExpl  
Node label = Graph Explore  
Meta path = Ids => GrfExpl  
Notes =

### Node=Graph Explore Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	GraphExplore		EmRandomSeed	12345		EmSampleSize	DEFAULT	
DataSource	SAMPLE		EmSampleMethod	FIRSTN		GroupByTarget	Y	

### Node=Graph Explore Variable Summary

Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text
INPUT	INTERVAL	1	stars



SAS Enterprise Miner Report

Node=Text Parsing  
Summary

Node id = TextParsing  
Node label = Text Parsing  
Meta path = Ids => GrfExpl => TextParsing  
Notes =

Node=Text Parsing  
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	TextParsing		bPatterns	DEFAULT	NONE	ignorePOS	'AUX' 'CONJ' 'DET' 'INTERJ' 'PART' 'PREF' 'PREP'	"AUX" "CONJ" "DET" "INTERJ" "PART" "PREP" "PRON"
NGSettingBeforeCustom	N		bPatternsSetting	DEFAULT		language	ENGLISH	
NounGroups	Y		bStems	Y		maxviewTerms	20000	
TGCategories			delimit	Std	STD	multiDS	SASHELP.ENG_MULTI	sashelp.eng_multi
TGConcepts			filterLang			parseVar	text	Text
bCapitalize	Y		ignoreAttrib	'NUM' 'PUNCT'	"NUM" "PUNCT"	startList		
bPartOfSpeech	Y		ignoreEntities			stopList	SASHELP.ENGSTOP	sashelp.engstop

Node=Text Parsing  
Variable Summary

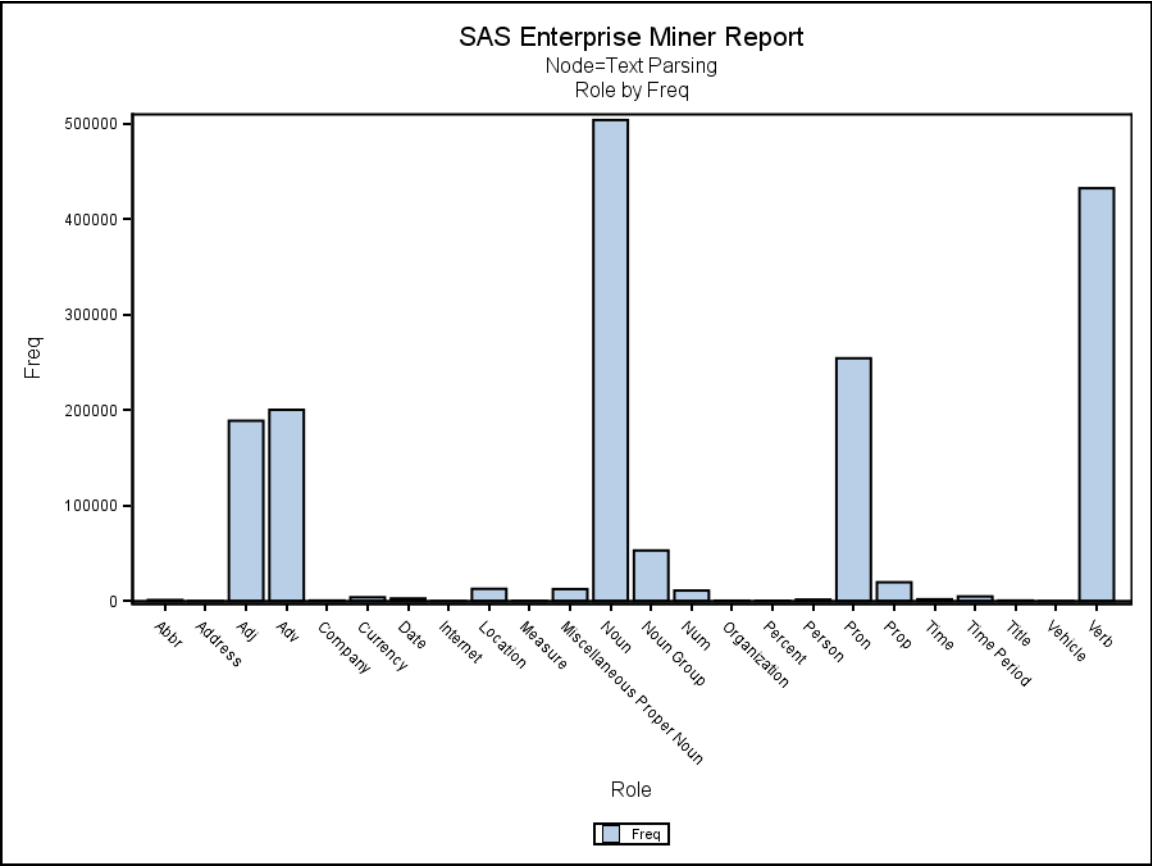
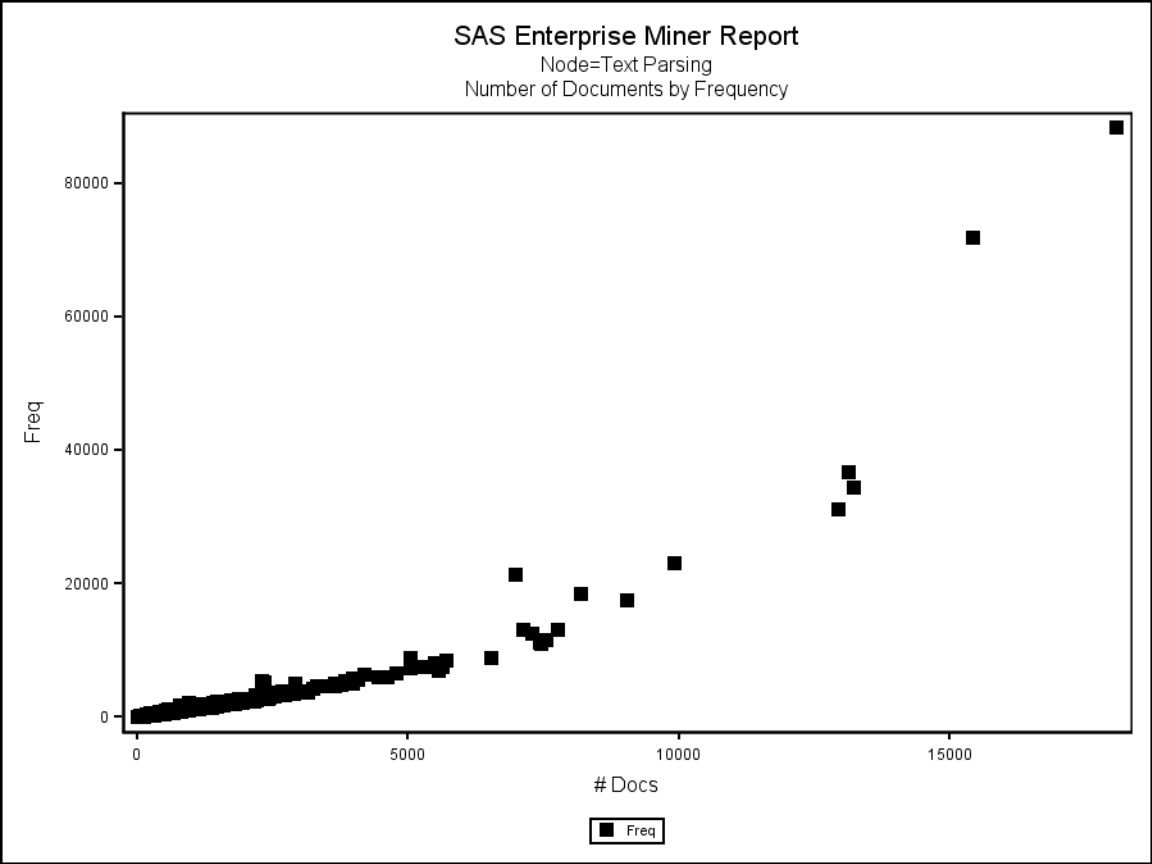
Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text

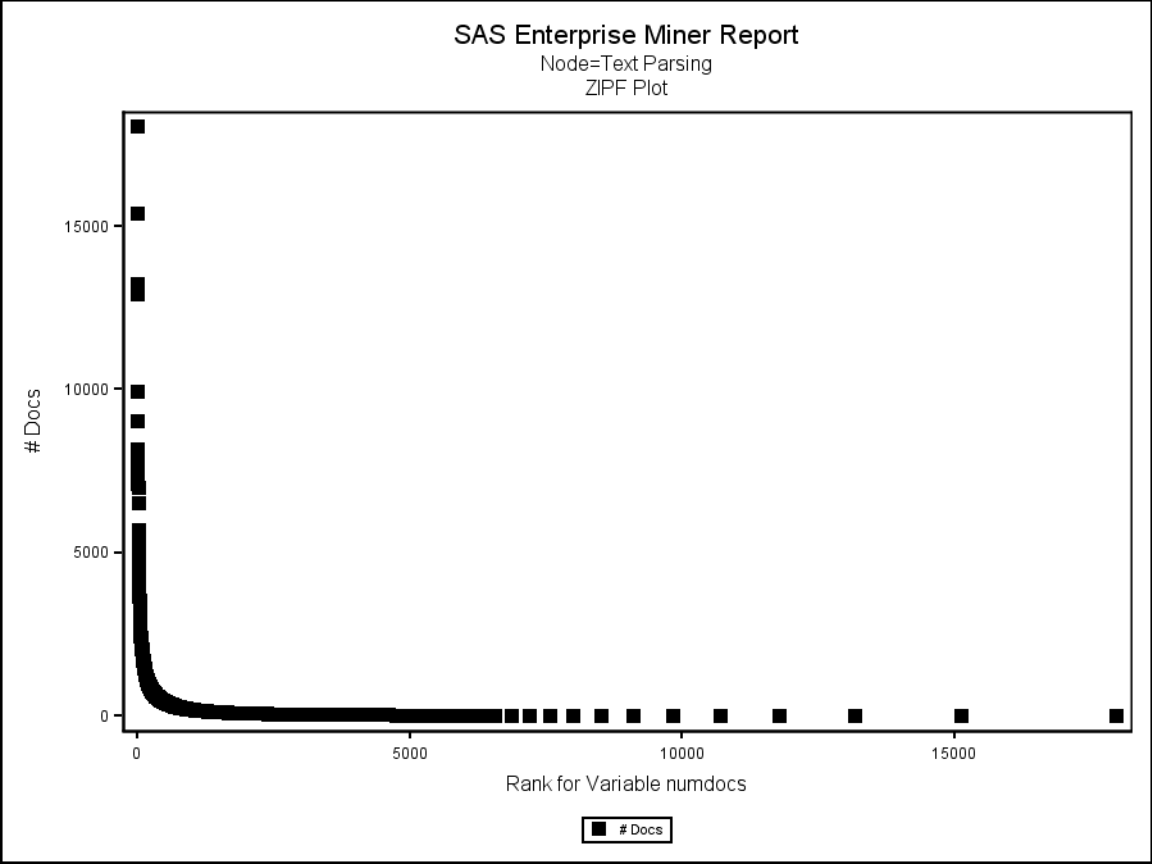
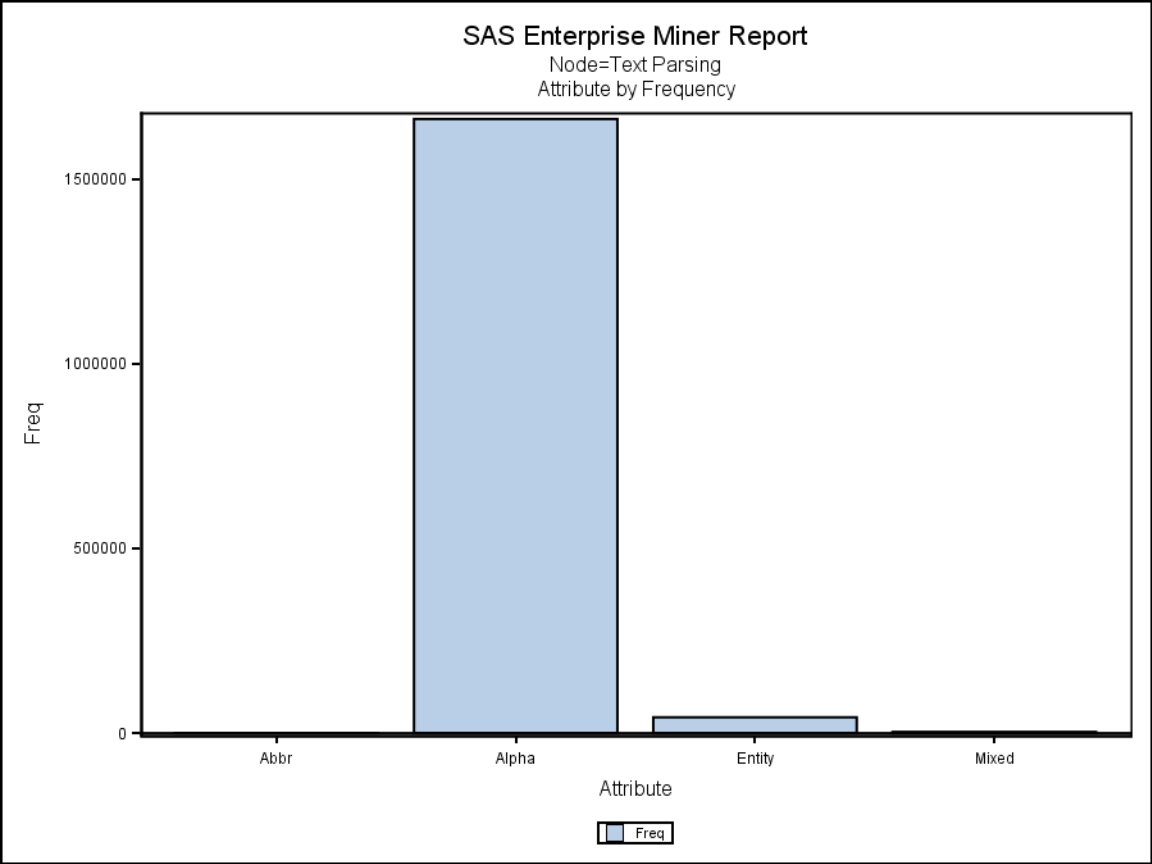
Node=Text Parsing  
Terms

Term	Role	Attribute	Freq	# Docs	Keep	Parent/Child Status	Parent ID	Rank for Variable numdocs
+ be	Verb	Alpha	88446	18072	N	+	145128	1
i	Pron	Alpha	71868	15412	N		144966	2
not	Adv	Alpha	34439	13224	N		144911	3
it	Pron	Alpha	36752	13133	N		145218	4
+ have	Verb	Alpha	31146	12940	N	+	144859	5
+ they	Pron	Alpha	23093	9921	N	+	145272	6
+ do	Verb	Alpha	17483	9028	N	+	145232	7
you	Pron	Alpha	18571	8175	N		144762	8
+ get	Verb	Alpha	13179	7765	N	+	144753	9
+ food	Noun	Alpha	11484	7536	Y	+	84494	10
+ place	Noun	Alpha	11021	7442	Y	+	42017	11
+ go	Verb	Alpha	11114	7427	N	+	144804	12
+ that	Pron	Alpha	12539	7279	N	+	144906	13
s	Noun	Alpha	13020	7127	N		144742	14
we	Pron	Alpha	21447	6976	N		145121	15
+ good	Adj	Alpha	8916	6536	Y	+	8773	16
very	Adv	Alpha	8405	5701	N		144823	17
here	Adv	Alpha	7601	5643	N		144733	18

Term	Role	Attribute	Freq	# Docs	Keep	Parent/Child Status	Parent ID	Rank for Variable numdocs
+ service	Noun	Alpha	6904	5553	Y	+	77624	19
there	Pron	Alpha	8083	5479	N		145077	20
+ time	Noun	Alpha	7486	5308	Y	+	56195	21
+ come	Verb	Alpha	7276	5051	N	+	145312	22
me	Pron	Alpha	8850	5049	N		145319	23
+ make	Verb	Alpha	6488	4790	N	+	145001	24
+ this	Pron	Alpha	6059	4619	N	+	145265	25
just	Adv	Alpha	5927	4444	N		144820	26
+ order	Verb	Alpha	6381	4192	Y	+	5806	27
no	Adv	Alpha	5688	4078	N		145297	28
+ say	Verb	Alpha	5880	3978	N	+	145237	29
+ great	Adj	Alpha	5026	3976	Y	+	20044	30
which	Pron	Alpha	5694	3973	N		144993	31
so	Adv	Alpha	5138	3966	N		144974	32
really	Adv	Alpha	5348	3837	N		144754	33
also	Adv	Alpha	4786	3754	N		144666	34
+ take	Verb	Alpha	4954	3646	N	+	145131	35
one	Num	Alpha	4651	3645	N		144971	36
+ try	Verb	Alpha	4613	3643	N	+	145029	37
+ much	Adj	Alpha	4573	3531	N	+	145275	38
+ restaurant	Noun	Alpha	4718	3318	Y	+	6950	39
+ want	Verb	Alpha	4204	3238	Y	+	59746	40
cleveland	Location	Entity	3914	3154	Y		36002	41
+ back	Noun	Alpha	3592	3142	Y	+	51816	42
+ give	Verb	Alpha	3775	3071	N	+	145172	43
never	Adv	Alpha	3833	3054	N		145136	44
us	Pron	Alpha	5065	2922	N		144750	45
+ eat	Verb	Alpha	3846	2907	Y	+	107476	46
too	Adv	Alpha	3558	2883	N		144827	47
all	Pron	Alpha	3575	2863	N		144612	48
+ know	Verb	Alpha	3470	2742	Y	+	110735	49
+ look	Verb	Alpha	3441	2739	Y	+	81317	50
+ love	Verb	Alpha	3297	2724	Y	+	15467	51
+ think	Verb	Alpha	3382	2698	N	+	144819	52
what	Adv	Alpha	3307	2689	N		145368	53
other	Adj	Alpha	3202	2684	N		145286	54
+ ask	Verb	Alpha	3876	2676	N	+	145358	55
+ see	Verb	Alpha	3418	2638	N	+	144908	56
+ menu	Noun	Alpha	3597	2627	Y	+	24615	57
+ little	Adj	Alpha	3089	2535	Y	+	52166	58
+ tell	Verb	Alpha	3638	2514	N	+	144651	59
again	Adv	Alpha	2914	2447	N		144691	60
+ good	Noun	Alpha	2793	2421	Y	+	71151	61
+ thing	Noun	Alpha	2969	2418	Y	+	60425	62
then	Adv	Alpha	3151	2412	N		144727	63
+ drink	Noun	Alpha	3454	2382	Y	+	55615	64
+ staff	Noun	Alpha	2726	2367	Y	+	65000	65
+ experience	Noun	Alpha	2829	2358	Y	+	104980	66
he	Pron	Alpha	5128	2342	N		145031	67
+ even	Verb	Alpha	2767	2336	N	+	144917	68

Term	Role	Attribute	Freq	# Docs	Keep	Parent/Child Status	Parent ID	Rank for Variable numdocs
+ who	Pron	Alpha	2960	2330	N	+	145097	69
she	Pron	Alpha	5379	2301	N		145233	70
+ minute	Noun	Alpha	3255	2293	Y	+	99238	71
+ people	Noun	Alpha	2883	2279	Y	+	41144	72
two	Num	Alpha	2796	2253	N		145078	73
+ price	Noun	Alpha	2685	2251	Y	+	109666	74
+ day	Noun	Alpha	2821	2218	Y	+	47968	75
+ nice	Adj	Alpha	2619	2193	Y	+	28827	76
+ find	Verb	Alpha	2640	2187	Y	+	84392	77
+ table	Noun	Alpha	3282	2186	Y	+	14577	78
+ like	Verb	Alpha	2547	2173	N	+	145323	79
ever	Adv	Alpha	2455	2163	N		145057	80
+ friendly	Adj	Alpha	2260	2146	Y	+	70608	81
+ way	Noun	Alpha	2383	2069	N	+	144635	82
definitely	Adv	Alpha	2323	2057	Y		7832	83
+ wait	Verb	Alpha	2606	2045	Y	+	17504	84
there	Adv	Alpha	2399	2042	N		145032	85
what	Pron	Alpha	2347	1998	N		144631	86
just	Adj	Alpha	2247	1987	N		144811	87
+ hour	Noun	Alpha	2648	1986	Y	+	90828	88
always	Adv	Alpha	2517	1978	Y		48515	89
+ bad	Adj	Alpha	2293	1970	Y	+	18250	90
+ recommend	Verb	Alpha	2059	1942	Y	+	10099	91
one	Pron	Alpha	2323	1939	N		144623	92
+ bar	Noun	Alpha	2734	1897	Y	+	98773	93
first	Adj	Alpha	2147	1889	Y		23838	94
+ friend	Noun	Alpha	2501	1877	Y	+	110746	95
+ order	Noun	Alpha	2707	1871	Y	+	67469	96
+ night	Noun	Alpha	2361	1866	Y	+	63952	97
more	Adv	Alpha	2095	1859	N		144781	98
some	Adv	Alpha	2021	1804	N		145066	99
+ meal	Noun	Alpha	2387	1802	Y	+	21406	100







## SAS Enterprise Miner Report

### Node=Text Filter Summary

Node id = TextFilter  
 Node label = Text Filter  
 Meta path = Ids => GrfExpl => TextParsing => TextFilter  
 Notes =

### Node=Text Filter Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	TextFilter		maxTerms	.		spellCheck	N	
cellWeight	NONE	DEFAULT	maxviewTerms	20000		spellIDS		
filters			minDocs	10	4	spellDict		
interStopDS			resultTerms	ALL		spellSensitivity	Med	
interSynDS			saveSynDS			synonymImport		
lastfilternode			searchPhrase			termWeight	IDF	DEFAULT
lastparsenode			searchVar			whereDoc		

### Node=Text Filter Variable Summary

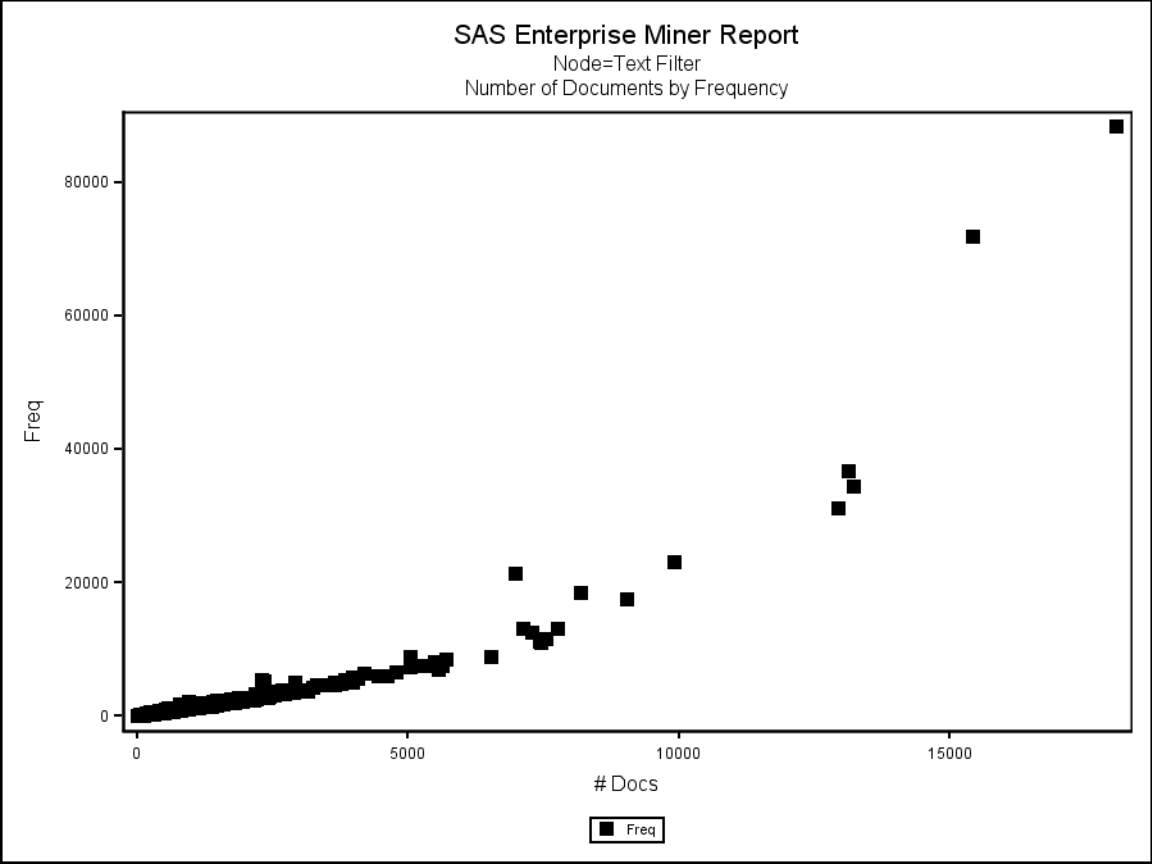
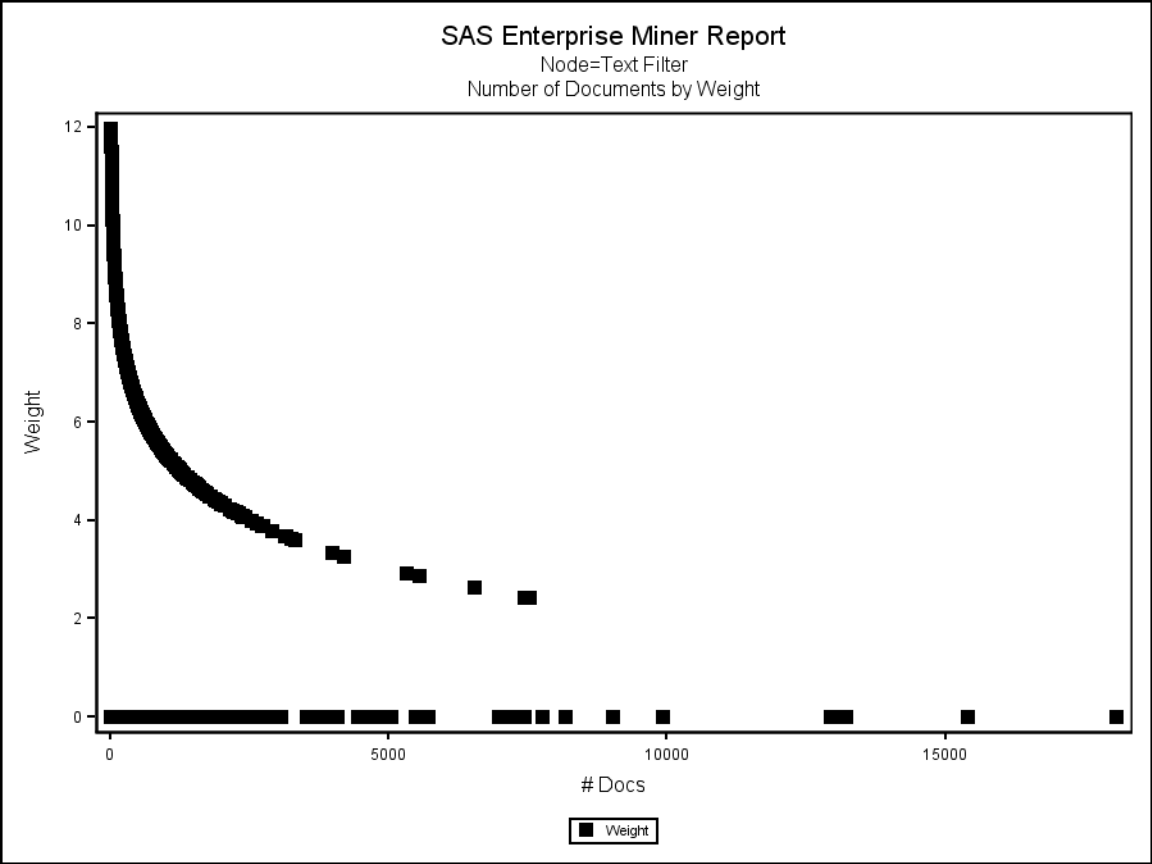
Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text

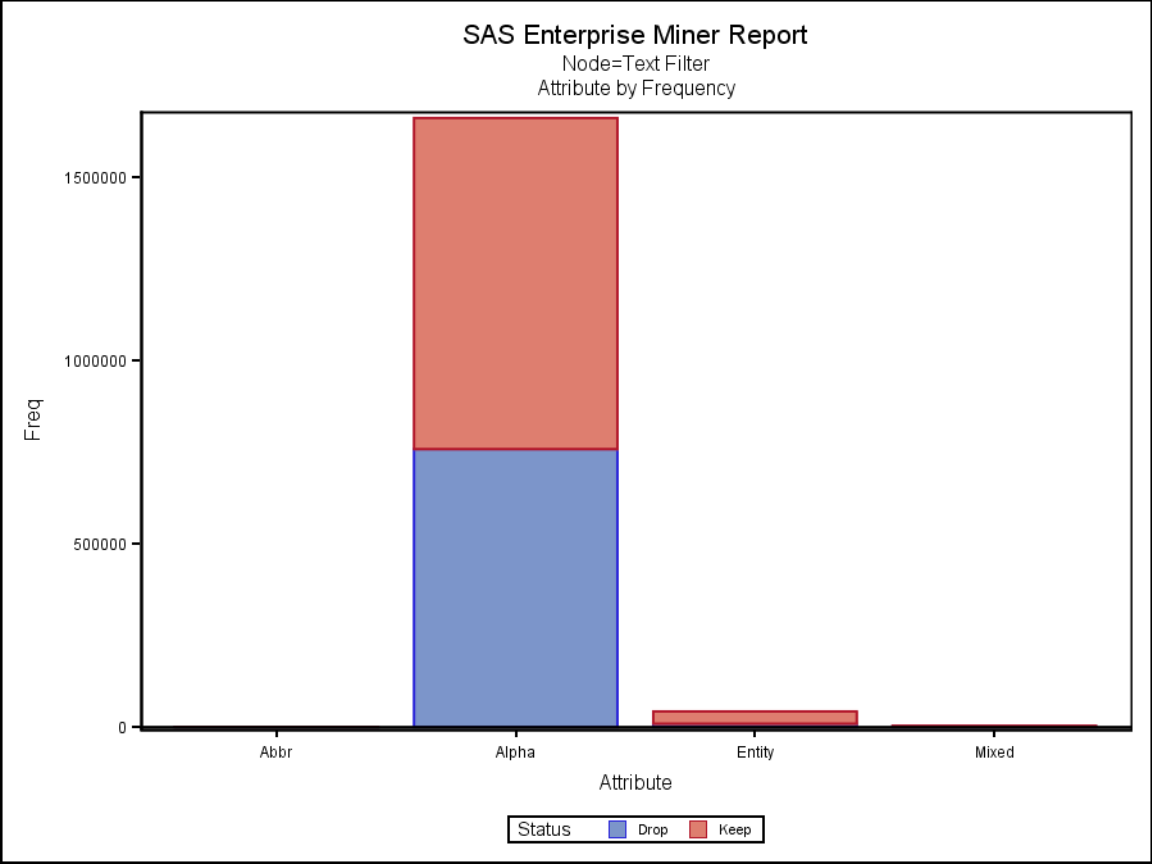
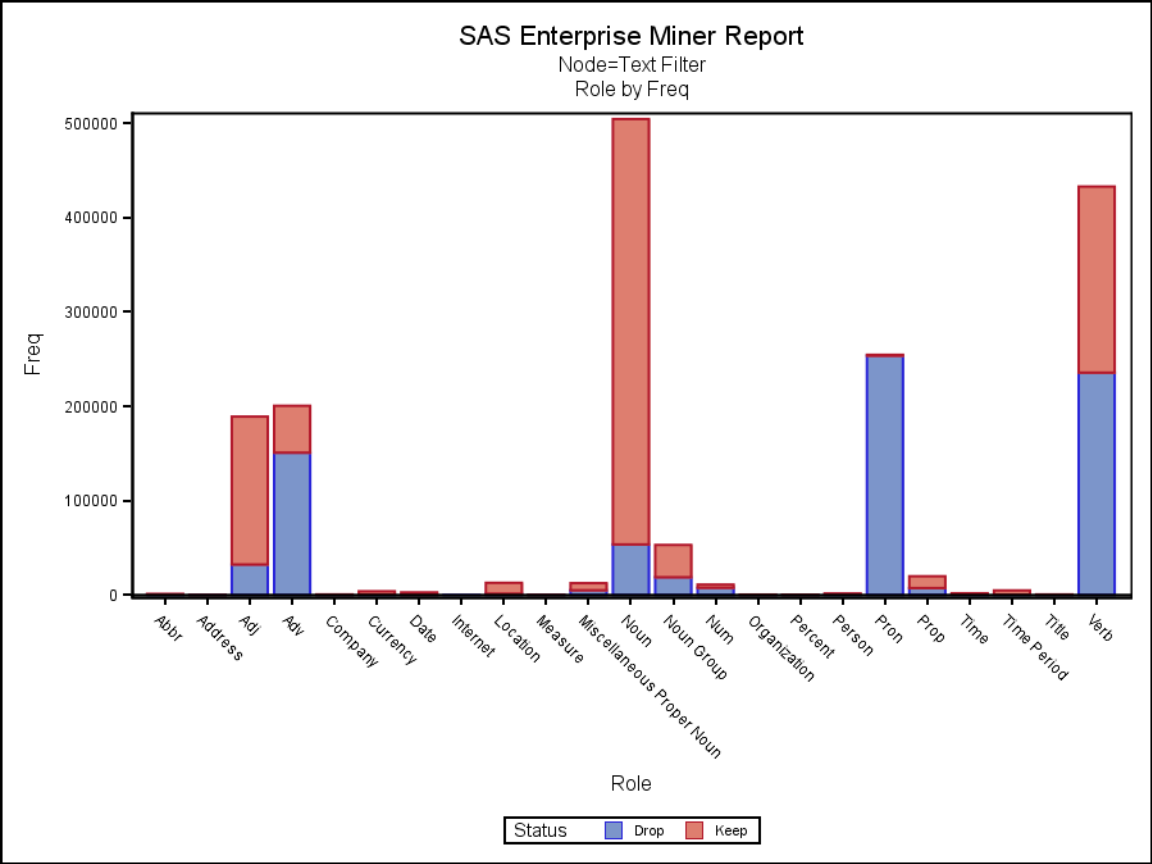
### Node=Text Filter Terms

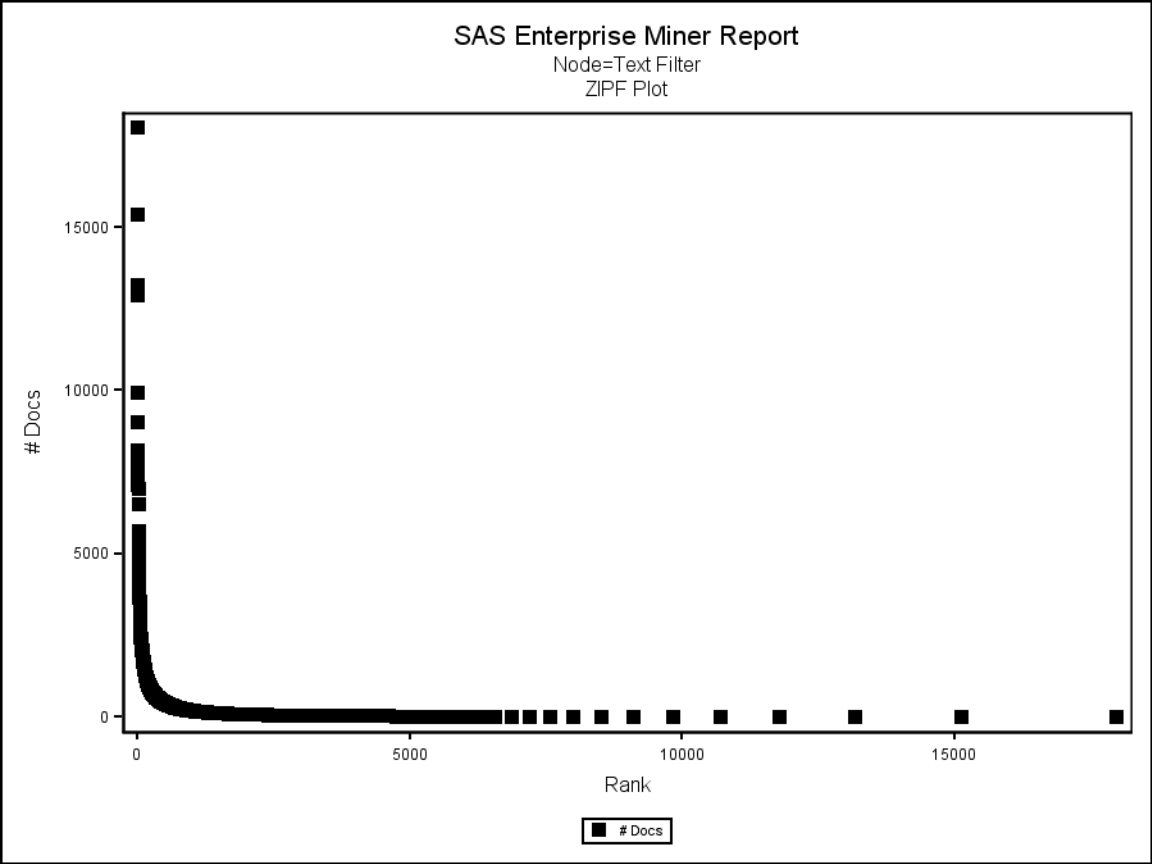
Term	Role	Attribute	Status	Weight	Imported Frequency	Freq	Number of Imported Documents	# Docs	Rank	Parent/Child Status	Parent ID
+ be	Verb	Alpha	Drop	0.000	88446	88446	18072	18072	1	+	145128
i	Pron	Alpha	Drop	0.000	71868	71868	15412	15412	2		144966
not	Adv	Alpha	Drop	0.000	34439	34439	13224	13224	3		144911
it	Pron	Alpha	Drop	0.000	36752	36752	13133	13133	4		145218
+ have	Verb	Alpha	Drop	0.000	31146	31146	12940	12940	5	+	144859
+ they	Pron	Alpha	Drop	0.000	23093	23093	9921	9921	6	+	145272
+ do	Verb	Alpha	Drop	0.000	17483	17483	9028	9028	7	+	145232
you	Pron	Alpha	Drop	0.000	18571	18571	8175	8175	8		144762
+ get	Verb	Alpha	Drop	0.000	13179	13179	7765	7765	9	+	144753
+ food	Noun	Alpha	Keep	2.420	11484	11484	7536	7536	10	+	84494
+ place	Noun	Alpha	Keep	2.438	11021	11021	7442	7442	11	+	42017
+ go	Verb	Alpha	Drop	0.000	11114	11114	7427	7427	12	+	144804
+ that	Pron	Alpha	Drop	0.000	12539	12539	7279	7279	13	+	144906
s	Noun	Alpha	Drop	0.000	13020	13020	7127	7127	14		144742
we	Pron	Alpha	Drop	0.000	21447	21447	6976	6976	15		145121
+ good	Adj	Alpha	Keep	2.626	8916	8916	6536	6536	16	+	8773
very	Adv	Alpha	Drop	0.000	8405	8405	5701	5701	17		144823
here	Adv	Alpha	Drop	0.000	7601	7601	5643	5643	18		144733
+ service	Noun	Alpha	Keep	2.861	6904	6904	5553	5553	19	+	77624

Term	Role	Attribute	Status	Weight	Imported Frequency	Freq	Number of Imported Documents	# Docs	Rank	Parent/Child Status	Parent ID
there	Pron	Alpha	Drop	0.000	8083	8083	5479	5479	20		145077
+ time	Noun	Alpha	Keep	2.926	7486	7486	5308	5308	21	+	56195
+ come	Verb	Alpha	Drop	0.000	7276	7276	5051	5051	22	+	145312
me	Pron	Alpha	Drop	0.000	8850	8850	5049	5049	23		145319
+ make	Verb	Alpha	Drop	0.000	6488	6488	4790	4790	24	+	145001
+ this	Pron	Alpha	Drop	0.000	6059	6059	4619	4619	25	+	145265
just	Adv	Alpha	Drop	0.000	5927	5927	4444	4444	26		144820
+ order	Verb	Alpha	Keep	3.266	6381	6381	4192	4192	27	+	5806
no	Adv	Alpha	Drop	0.000	5688	5688	4078	4078	28		145297
+ say	Verb	Alpha	Drop	0.000	5880	5880	3978	3978	29	+	145237
+ great	Adj	Alpha	Keep	3.343	5026	5026	3976	3976	30	+	20044
which	Pron	Alpha	Drop	0.000	5694	5694	3973	3973	31		144993
so	Adv	Alpha	Drop	0.000	5138	5138	3966	3966	32		144974
really	Adv	Alpha	Drop	0.000	5348	5348	3837	3837	33		144754
also	Adv	Alpha	Drop	0.000	4786	4786	3754	3754	34		144666
+ take	Verb	Alpha	Drop	0.000	4954	4954	3646	3646	35	+	145131
one	Num	Alpha	Drop	0.000	4651	4651	3645	3645	36		144971
+ try	Verb	Alpha	Drop	0.000	4613	4613	3643	3643	37	+	145029
+ much	Adj	Alpha	Drop	0.000	4573	4573	3531	3531	38	+	145275
+ restaurant	Noun	Alpha	Keep	3.604	4718	4718	3318	3318	39	+	6950
+ want	Verb	Alpha	Keep	3.639	4204	4204	3238	3238	40	+	59746
cleveland	Location	Entity	Keep	3.677	3914	3914	3154	3154	41		36002
+ back	Noun	Alpha	Keep	3.682	3592	3592	3142	3142	42	+	51816
+ give	Verb	Alpha	Drop	0.000	3775	3775	3071	3071	43	+	145172
never	Adv	Alpha	Drop	0.000	3833	3833	3054	3054	44		145136
us	Pron	Alpha	Drop	0.000	5065	5065	2922	2922	45		144750
+ eat	Verb	Alpha	Keep	3.794	3846	3846	2907	2907	46	+	107476
too	Adv	Alpha	Drop	0.000	3558	3558	2883	2883	47		144827
all	Pron	Alpha	Drop	0.000	3575	3575	2863	2863	48		144612
+ know	Verb	Alpha	Keep	3.879	3470	3470	2742	2742	49	+	110735
+ look	Verb	Alpha	Keep	3.880	3441	3441	2739	2739	50	+	81317
+ love	Verb	Alpha	Keep	3.888	3297	3297	2724	2724	51	+	15467
+ think	Verb	Alpha	Drop	0.000	3382	3382	2698	2698	52	+	144819
what	Adv	Alpha	Drop	0.000	3307	3307	2689	2689	53		145368
other	Adj	Alpha	Drop	0.000	3202	3202	2684	2684	54		145286
+ ask	Verb	Alpha	Drop	0.000	3876	3876	2676	2676	55	+	145358
+ see	Verb	Alpha	Drop	0.000	3418	3418	2638	2638	56	+	144908
+ menu	Noun	Alpha	Keep	3.941	3597	3597	2627	2627	57	+	24615
+ little	Adj	Alpha	Keep	3.992	3089	3089	2535	2535	58	+	52166
+ tell	Verb	Alpha	Drop	0.000	3638	3638	2514	2514	59	+	144651
again	Adv	Alpha	Drop	0.000	2914	2914	2447	2447	60		144691
+ good	Noun	Alpha	Keep	4.058	2793	2793	2421	2421	61	+	71151
+ thing	Noun	Alpha	Keep	4.060	2969	2969	2418	2418	62	+	60425
then	Adv	Alpha	Drop	0.000	3151	3151	2412	2412	63		144727
+ drink	Noun	Alpha	Keep	4.082	3454	3454	2382	2382	64	+	55615
+ staff	Noun	Alpha	Keep	4.091	2726	2726	2367	2367	65	+	65000
+ experience	Noun	Alpha	Keep	4.096	2829	2829	2358	2358	66	+	104980
he	Pron	Alpha	Drop	0.000	5128	5128	2342	2342	67		145031
+ even	Verb	Alpha	Drop	0.000	2767	2767	2336	2336	68	+	144917
+ who	Pron	Alpha	Drop	0.000	2960	2960	2330	2330	69	+	145097

Term	Role	Attribute	Status	Weight	Imported Frequency	Freq	Number of Imported Documents	# Docs	Rank	Parent/Child Status	Parent ID
she	Pron	Alpha	Drop	0.000	5379	5379	2301	2301	70		145233
+ minute	Noun	Alpha	Keep	4.137	3255	3255	2293	2293	71	+	99238
+ people	Noun	Alpha	Keep	4.146	2883	2883	2279	2279	72	+	41144
two	Num	Alpha	Drop	0.000	2796	2796	2253	2253	73		145078
+ price	Noun	Alpha	Keep	4.163	2685	2685	2251	2251	74	+	109666
+ day	Noun	Alpha	Keep	4.185	2821	2821	2218	2218	75	+	47968
+ nice	Adj	Alpha	Keep	4.201	2619	2619	2193	2193	76	+	28827
+ find	Verb	Alpha	Keep	4.205	2640	2640	2187	2187	77	+	84392
+ table	Noun	Alpha	Keep	4.206	3282	3282	2186	2186	78	+	14577
+ like	Verb	Alpha	Drop	0.000	2547	2547	2173	2173	79	+	145323
ever	Adv	Alpha	Drop	0.000	2455	2455	2163	2163	80		145057
+ friendly	Adj	Alpha	Keep	4.232	2260	2260	2146	2146	81	+	70608
+ way	Noun	Alpha	Drop	0.000	2383	2383	2069	2069	82	+	144635
definitely	Adv	Alpha	Keep	4.293	2323	2323	2057	2057	83		7832
+ wait	Verb	Alpha	Keep	4.302	2606	2606	2045	2045	84	+	17504
there	Adv	Alpha	Drop	0.000	2399	2399	2042	2042	85		145032
what	Pron	Alpha	Drop	0.000	2347	2347	1998	1998	86		144631
just	Adj	Alpha	Drop	0.000	2247	2247	1987	1987	87		144811
+ hour	Noun	Alpha	Keep	4.344	2648	2648	1986	1986	88	+	90828
always	Adv	Alpha	Keep	4.350	2517	2517	1978	1978	89		48515
+ bad	Adj	Alpha	Keep	4.356	2293	2293	1970	1970	90	+	18250
+ recommend	Verb	Alpha	Keep	4.376	2059	2059	1942	1942	91	+	10099
one	Pron	Alpha	Drop	0.000	2323	2323	1939	1939	92		144623
+ bar	Noun	Alpha	Keep	4.410	2734	2734	1897	1897	93	+	98773
first	Adj	Alpha	Keep	4.416	2147	2147	1889	1889	94		23838
+ friend	Noun	Alpha	Keep	4.425	2501	2501	1877	1877	95	+	110746
+ order	Noun	Alpha	Keep	4.430	2707	2707	1871	1871	96	+	67469
+ night	Noun	Alpha	Keep	4.434	2361	2361	1866	1866	97	+	63952
more	Adv	Alpha	Drop	0.000	2095	2095	1859	1859	98		144781
some	Adv	Alpha	Drop	0.000	2021	2021	1804	1804	99		145066
+ meal	Noun	Alpha	Keep	4.484	2387	2387	1802	1802	100	+	21406







## SAS Enterprise Miner Report

### Node=userTopic\_N Summary

Node id = TextTopic6  
 Node label = userTopic\_N  
 Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic6  
 Notes =

### Node=userTopic\_N Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	TextTopic		autoTopicCnt	25		tm_topic_node		
augTopics			initTopics			topTermCnt	0	
autoTopic	N		tm_topic_dataset			topics		

### Node=userTopic\_N Variable Summary

Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text

### Node=userTopic\_N Terms

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	breathhtaking astounding senseational	astonishinh brilliant terrific fabulous	dazzling electrifying	glorious exceptional unprecedented prodigious outstanding extraordinary
+ food	Noun	Alpha	2.42013	11484	7536	Y	1	0	0	0	0
+ place	Noun	Alpha	2.43823	11021	7442	Y	2	0	0	0	0
+ good	Adj	Alpha	2.62552	8916	6536	Y	3	0	0	0	0
+ service	Noun	Alpha	2.86066	6904	5553	Y	4	0	0	0	0
+ time	Noun	Alpha	2.92576	7486	5308	Y	5	0	0	0	0
+ order	Verb	Alpha	3.26629	6381	4192	Y	6	0	0	0	0
+ great	Adj	Alpha	3.34261	5026	3976	Y	7	0	0	0	0
+ restaurant	Noun	Alpha	3.60361	4718	3318	Y	8	0	0	0	0
+ want	Verb	Alpha	3.63882	4204	3238	Y	9	0	0	0	0
cleveland	Location	Entity	3.67674	3914	3154	Y	10	0	0	0	0
+ back	Noun	Alpha	3.68224	3592	3142	Y	11	0	0	0	0
+ eat	Verb	Alpha	3.79439	3846	2907	Y	12	0	0	0	0
+ know	Verb	Alpha	3.87870	3470	2742	Y	13	0	0	0	0
+ look	Verb	Alpha	3.88028	3441	2739	Y	14	0	0	0	0
+ love	Verb	Alpha	3.88820	3297	2724	Y	15	0	0	0	0
+ menu	Noun	Alpha	3.94051	3597	2627	Y	16	0	0	0	0
+ little	Adj	Alpha	3.99194	3089	2535	Y	17	0	0	0	0
+ good	Noun	Alpha	4.05832	2793	2421	Y	18	0	0	0	0
+ thing	Noun	Alpha	4.06011	2969	2418	Y	19	0	0	0	0
+ drink	Noun	Alpha	4.08175	3454	2382	Y	20	0	0	0	0
+ staff	Noun	Alpha	4.09086	2726	2367	Y	21	0	0	0	0
+ experience	Noun	Alpha	4.09636	2829	2358	Y	22	0	0	0	0
+ minute	Noun	Alpha	4.13669	3255	2293	Y	23	0	0	0	0
+ people	Noun	Alpha	4.14552	2883	2279	Y	24	0	0	0	0
+ price	Noun	Alpha	4.16336	2685	2251	Y	25	0	0	0	0
+ day	Noun	Alpha	4.18467	2821	2218	Y	26	0	0	0	0
+ nice	Adj	Alpha	4.20102	2619	2193	Y	27	0	0	0	0
+ find	Verb	Alpha	4.20497	2640	2187	Y	28	0	0	0	0
+ table	Noun	Alpha	4.20563	3282	2186	Y	29	0	0	0	0
+ friendly	Adj	Alpha	4.23227	2260	2146	Y	30	0	0	0	0
definitely	Adv	Alpha	4.29338	2323	2057	Y	31	0	0	0	0
+ wait	Verb	Alpha	4.30182	2606	2045	Y	32	0	0	0	0
+ hour	Noun	Alpha	4.34406	2648	1986	Y	33	0	0	0	0
always	Adv	Alpha	4.34988	2517	1978	Y	34	0	0	0	0
+ bad	Adj	Alpha	4.35573	2293	1970	Y	35	0	0	0	0
+ recommend	Verb	Alpha	4.37638	2059	1942	Y	36	0	0	0	0
+ bar	Noun	Alpha	4.41020	2734	1897	Y	37	0	0	0	0
first	Adj	Alpha	4.41630	2147	1889	Y	38	0	0	0	0
+ friend	Noun	Alpha	4.42550	2501	1877	Y	39	0	0	0	0
+ order	Noun	Alpha	4.43012	2707	1871	Y	40	0	0	0	0
+ night	Noun	Alpha	4.43398	2361	1866	Y	41	0	0	0	0
+ meal	Noun	Alpha	4.48433	2387	1802	Y	42	0	0	0	0
+ leave	Verb	Alpha	4.50043	2128	1782	Y	43	0	0	0	0
+ server	Noun	Alpha	4.53899	2455	1735	Y	44	0	0	0	0
+ disappoint	Verb	Alpha	4.54900	1866	1723	Y	45	0	0	0	0
+ few	Adj	Alpha	4.56077	1946	1709	Y	46	0	0	0	0
+ area	Noun	Alpha	4.57264	2039	1695	Y	47	0	0	0	0
+ taste	Verb	Alpha	4.59408	2115	1670	Y	48	0	0	0	0



+cheese,+good,+sauce,+service,+meat	+customer,+service,+manager,+store,+customer service	+room,+hotel,+stay,+bed,+park
-0.072	-0.054	-0.042
-0.082	-0.102	-0.038
0.267	-0.114	0.000
0.231	0.287	-0.013
0.022	0.014	-0.022
-0.175	0.077	-0.036
-0.008	-0.009	-0.008
-0.071	0.075	-0.003
-0.052	0.082	-0.010
0.093	-0.052	0.042
-0.037	0.048	-0.001
-0.064	-0.015	-0.026
-0.030	0.127	-0.009
-0.047	0.043	0.010
-0.023	-0.018	-0.029
-0.248	0.053	-0.046
0.022	-0.054	0.013
0.051	-0.026	-0.006
-0.016	0.035	0.006
-0.023	-0.039	-0.028
-0.075	0.042	0.092
-0.003	0.084	0.000
0.074	-0.056	0.000
0.013	0.046	0.009
-0.097	0.005	-0.008
-0.035	0.052	0.044
0.011	-0.045	0.077
-0.011	0.016	0.017
0.024	-0.071	-0.041
-0.055	0.003	0.035
-0.008	-0.044	0.006
0.082	-0.042	-0.010
-0.003	-0.009	0.005
-0.047	0.054	-0.031
0.052	0.138	0.009
-0.012	0.022	-0.003
0.105	0.025	0.022
0.011	0.000	-0.002
-0.073	0.012	-0.030
-0.096	0.121	-0.022
-0.005	-0.030	0.098
-0.039	-0.017	-0.019
0.008	0.060	0.017
-0.065	0.044	-0.049
0.008	0.014	0.006
-0.018	0.008	0.004
0.010	-0.032	0.059
0.039	0.000	-0.005

+pizza,+crust,+good,+sauce,+topping	+minute,+wait,+table,+order,+seat	+coffee,+shop,+tea,+cup,+coffee shop	+time,first,first time,last,cleveland
-0.057	0.066	-0.093	0.059
0.032	-0.008	-0.002	-0.214
0.076	-0.019	0.032	0.026
-0.021	0.017	-0.015	0.003
-0.001	0.048	0.011	0.674
0.067	0.098	0.029	0.008
0.010	-0.019	0.016	-0.021
-0.016	0.001	-0.008	0.082
0.013	0.032	0.005	-0.008
0.024	-0.016	0.016	0.147
-0.002	0.044	0.010	0.011
0.022	0.003	-0.036	0.079
0.005	0.005	0.008	-0.006
0.009	0.008	0.018	-0.028
0.003	0.004	-0.003	-0.063
0.002	-0.011	-0.014	-0.048
0.017	0.000	0.043	-0.020
0.014	-0.009	0.029	0.015
0.011	0.001	0.004	0.007
-0.013	0.115	0.028	-0.037
-0.012	0.048	0.028	-0.035
-0.005	0.023	-0.001	0.074
0.003	0.509	-0.021	-0.039
0.005	0.054	0.011	-0.010
0.008	-0.040	-0.023	-0.092
0.003	-0.002	0.020	0.034
-0.003	0.012	0.033	-0.028
0.001	0.012	0.019	0.006
-0.022	0.303	0.019	-0.042
-0.006	0.016	0.033	-0.061
0.002	-0.015	0.017	0.015
-0.004	0.336	-0.020	-0.014
-0.002	0.060	0.004	0.002
-0.002	-0.011	-0.022	0.069
0.015	-0.006	0.003	0.004
-0.002	-0.001	-0.017	-0.003
-0.003	0.014	-0.024	0.019
0.002	-0.004	0.003	0.277
-0.002	0.000	-0.003	0.030
0.042	0.297	-0.009	-0.004
-0.002	0.020	-0.012	0.067
-0.022	0.042	-0.018	0.033
-0.009	0.087	0.004	0.011
-0.023	0.161	-0.014	-0.029
0.007	0.002	-0.001	0.043
0.006	0.023	0.015	0.068
0.015	0.017	0.029	0.037
0.026	-0.030	0.029	-0.001

+beer,+selection,+wine,+bar,+patio	+cupcake,+cake,+frosting,+flavor,+cookie	+dim,+sum,+dim sum,+dish,cleveland	+taco,+salsa,+margarita,+chip,+barrio
0.009	-0.043	-0.035	-0.023
-0.030	-0.014	0.066	0.010
0.063	0.031	0.149	0.030
-0.036	-0.015	0.024	-0.039
0.032	-0.009	-0.046	0.004
-0.001	0.007	0.044	0.069
0.048	-0.003	-0.016	-0.010
-0.069	-0.026	0.192	0.037
0.023	0.034	0.015	0.025
-0.022	-0.004	0.209	0.001
-0.014	0.014	-0.039	0.008
-0.041	0.033	-0.052	0.045
0.021	0.016	0.026	0.014
0.020	0.034	0.011	0.005
-0.014	0.024	-0.069	0.051
0.071	-0.014	0.134	0.075
0.018	0.038	0.014	0.000
0.019	0.026	0.049	0.017
0.036	0.016	0.019	0.037
-0.131	0.001	-0.026	0.038
0.029	-0.008	-0.078	-0.008
-0.021	0.001	0.015	0.002
-0.015	-0.004	0.015	-0.036
-0.001	-0.004	0.011	-0.014
-0.004	-0.014	0.008	-0.005
-0.006	0.011	0.009	0.017
0.060	0.004	0.006	-0.009
0.018	-0.001	0.040	-0.004
0.032	-0.003	-0.011	0.033
0.022	-0.007	-0.062	0.001
-0.025	0.025	0.000	0.009
0.002	-0.010	0.001	-0.034
-0.025	-0.008	-0.017	-0.028
0.031	-0.018	0.027	0.045
-0.003	0.013	0.001	0.022
-0.035	-0.004	0.034	0.012
0.163	-0.001	-0.009	-0.038
0.006	0.004	-0.035	-0.002
0.033	0.026	0.010	0.012
-0.031	-0.010	0.060	-0.004
0.027	-0.005	-0.050	0.028
-0.030	-0.006	-0.027	0.017
0.006	0.006	-0.013	0.010
-0.004	-0.005	-0.027	0.052
-0.007	0.029	-0.011	0.008
0.026	0.014	0.016	0.016
0.023	0.002	0.068	-0.001
0.014	0.091	-0.027	0.041

+sandwich,+salad,+lunch,+soup,+menu	+store,+market,+meat,cleveland,+vendor	ice,+cream,+ice cream,+flavor,+chocolate	+place,+hair,+nail,+steak,+salon
-0.080	0.003	-0.035	-0.270
-0.051	0.034	0.036	0.324
0.019	0.011	0.002	0.129
0.021	-0.189	0.002	-0.060
0.018	-0.031	0.020	0.124
-0.025	-0.060	-0.026	-0.063
0.010	0.029	-0.011	0.057
-0.005	0.019	-0.031	-0.262
0.031	-0.010	0.021	0.142
-0.077	0.195	0.004	-0.075
0.009	-0.059	-0.007	0.078
0.090	0.008	-0.006	-0.091
-0.001	0.041	0.004	0.042
0.052	0.057	-0.009	0.152
-0.007	0.087	-0.003	0.015
0.146	-0.059	-0.010	-0.069
0.070	0.014	0.031	0.033
0.082	0.021	-0.006	0.006
0.044	0.065	0.010	0.044
-0.027	0.009	-0.012	-0.095
0.005	-0.048	-0.007	0.035
-0.052	0.000	-0.010	0.061
-0.015	0.026	0.012	0.037
0.023	0.072	0.006	-0.025
0.036	0.106	0.019	0.103
0.039	0.038	0.017	0.064
0.066	-0.022	0.007	0.064
0.010	0.138	0.008	0.010
0.007	-0.049	-0.015	-0.012
0.046	-0.040	-0.015	0.035
-0.020	-0.021	0.013	0.063
-0.002	0.007	0.025	0.033
-0.024	0.006	-0.005	0.029
0.127	0.037	-0.007	-0.054
-0.035	-0.031	0.012	-0.005
-0.040	-0.014	-0.007	0.067
0.073	-0.070	-0.026	-0.152
-0.005	-0.016	0.011	0.068
-0.013	-0.057	-0.005	0.046
0.009	0.051	-0.013	-0.085
-0.046	-0.036	-0.010	-0.011
0.002	0.005	-0.009	0.031
0.010	-0.018	-0.006	0.043
-0.012	-0.046	-0.011	-0.021
0.001	-0.007	-0.006	0.007
0.023	0.049	0.014	0.022
0.038	0.082	-0.002	-0.049
-0.031	0.002	0.030	-0.017

sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company	+breakfast,+egg,+brunch,+cheese,+toast
-0.115	-0.073	0.043
0.024	0.022	0.032
0.089	0.019	0.004
-0.028	0.009	-0.019
0.004	0.009	0.031
0.076	-0.008	0.086
0.001	-0.015	-0.006
0.076	-0.029	-0.077
0.013	0.005	0.037
0.078	0.010	0.011
-0.002	0.033	0.012
0.032	-0.031	0.036
0.027	0.008	0.031
-0.007	0.003	0.031
-0.006	-0.036	0.017
0.001	-0.014	0.162
0.008	0.024	-0.003
0.005	-0.007	0.015
0.006	0.014	0.036
-0.048	-0.011	-0.055
-0.002	-0.042	-0.024
0.026	-0.007	0.010
-0.017	0.001	-0.059
0.003	0.009	0.004
0.029	0.044	0.017
-0.003	0.082	0.044
0.000	-0.006	-0.028
0.016	0.059	-0.011
0.024	-0.052	0.049
-0.003	-0.023	0.002
0.018	0.010	0.034
-0.010	0.011	0.010
0.003	0.009	-0.025
0.026	-0.033	0.001
-0.015	-0.003	-0.017
0.029	0.012	-0.004
0.084	-0.041	0.000
0.022	0.000	0.020
0.010	0.008	0.057
-0.005	-0.052	-0.031
0.048	0.003	-0.046
0.001	-0.002	0.060
-0.002	0.026	0.009
-0.016	-0.044	0.035
0.010	-0.003	0.003
-0.004	0.015	0.008
0.029	0.009	-0.013
0.024	-0.013	0.008

+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+museum,+cheese	ramen,+noodle,+soup.pork,+broth
-0.101	-0.020	0.058	-0.074
0.062	-0.190	-0.020	-0.016
0.043	0.039	-0.024	-0.034
0.007	-0.112	0.019	-0.046
0.026	-0.022	-0.006	0.008
0.110	-0.055	-0.019	0.039
-0.044	0.023	0.000	-0.003
-0.134	0.003	-0.001	0.058
0.054	0.034	-0.011	0.008
-0.001	-0.031	-0.023	0.008
0.039	0.008	-0.003	0.019
-0.101	0.022	0.004	0.051
0.024	0.052	0.002	0.021
0.026	-0.003	-0.011	0.016
0.027	0.053	0.026	0.011
0.085	0.013	0.034	0.115
0.009	0.045	0.028	0.017
0.029	-0.021	0.011	0.013
0.034	0.051	-0.006	0.021
0.672	-0.015	-0.009	-0.018
-0.028	0.070	-0.057	0.014
0.013	0.023	-0.022	0.001
-0.030	-0.040	-0.019	-0.016
0.020	0.031	0.002	-0.019
0.015	0.024	0.056	0.018
-0.013	0.055	0.060	0.004
0.036	0.052	-0.012	0.008
-0.003	0.006	-0.004	0.025
-0.094	0.026	-0.003	0.016
0.010	0.063	-0.060	0.019
0.037	-0.027	0.025	0.031
-0.077	-0.029	0.064	-0.017
-0.049	-0.019	0.680	-0.010
0.021	0.119	-0.011	-0.040
-0.007	-0.009	-0.017	-0.002
0.000	-0.018	-0.009	0.017
0.374	-0.017	0.050	0.006
0.030	-0.008	-0.013	0.022
0.118	-0.013	-0.026	0.010
0.012	-0.046	-0.015	-0.008
0.110	-0.008	-0.002	-0.006
-0.038	0.009	-0.005	0.010
-0.021	0.014	0.030	0.009
0.055	0.020	-0.059	0.022
-0.005	-0.014	0.013	0.032
0.011	0.034	0.019	-0.003
-0.004	0.003	-0.001	0.002
-0.001	-0.010	0.002	0.043

+place,+table,+eat,+bar,+restaurant	+burger,+order,fries,+order,+cheese	+chicken,+order,+food,rice,+order	_termid
0.101	-0.070	0.285	84494
0.446	0.100	0.144	42017
-0.100	0.032	-0.135	8773
-0.081	-0.081	-0.101	77624
-0.047	-0.018	0.062	56195
-0.138	0.233	0.289	5806
-0.079	-0.022	0.009	20044
0.180	0.074	-0.169	6950
0.086	0.024	0.046	59746
0.048	0.083	-0.127	36002
0.042	0.050	0.033	51816
0.184	0.070	0.090	107476
0.075	0.023	0.028	110735
0.091	0.021	0.003	81317
0.015	-0.002	0.067	15467
-0.057	0.043	-0.123	24615
0.028	-0.004	-0.005	52166
-0.003	0.005	0.033	71151
0.032	-0.011	0.028	60425
-0.087	-0.003	-0.017	55615
-0.067	0.016	-0.070	65000
-0.001	0.004	-0.032	104980
-0.090	0.010	0.019	99238
0.170	-0.015	0.006	41144
-0.110	-0.007	-0.042	109666
-0.011	0.003	0.021	47968
-0.023	-0.023	-0.017	28827
0.027	0.014	-0.020	84392
0.220	-0.091	-0.160	14577
-0.098	0.002	-0.067	70608
-0.039	0.022	-0.001	7832
-0.048	-0.021	-0.012	17504
-0.031	-0.015	0.006	90828
-0.124	-0.062	-0.005	48515
0.076	0.012	0.045	18250
-0.027	0.017	-0.039	10099
0.183	-0.013	-0.086	98773
-0.004	0.004	0.026	23838
0.103	0.013	0.044	110746
-0.218	0.145	0.168	67469
0.075	0.031	0.006	63952
-0.024	0.030	0.034	21406
0.078	-0.015	-0.014	14144
0.002	-0.017	-0.055	4655
0.007	0.029	0.029	76486
0.013	-0.007	0.019	109214
0.044	0.011	-0.064	70361
0.023	0.021	0.142	73572

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	breathhtaking astounding senseational	astonishinh brilliant terrific fabulous	dazzling electrifying	glorious exceptional unprecedented prodigious outstanding extraordinary
back	Adv	Alpha	4.60535	1859	1657	Y	49	0	0	0	0
+ small	Adj	Alpha	4.62287	1965	1637	Y	50	0	0	0	0
+ customer	Noun	Alpha	4.62905	2207	1630	Y	51	0	0	0	0
+ sit	Verb	Alpha	4.65585	1974	1600	Y	52	0	0	0	0
+ feel	Verb	Alpha	4.66308	1851	1592	Y	53	0	0	0	0
+ review	Noun	Alpha	4.67491	1840	1579	Y	54	0	0	0	0
+ year	Noun	Alpha	4.68776	1908	1565	Y	55	0	0	0	0
+ dinner	Noun	Alpha	4.69423	1937	1558	Y	56	0	0	0	0
+ enjoy	Verb	Alpha	4.71663	1777	1534	Y	57	0	0	0	0
+ sauce	Noun	Alpha	4.72039	2083	1530	Y	58	0	0	0	0
+ cheese	Noun	Alpha	4.72606	2282	1524	Y	59	0	0	0	0
+ serve	Verb	Alpha	4.73938	1824	1510	Y	60	0	0	0	0
+ pay	Verb	Alpha	4.74225	1919	1507	Y	61	0	0	0	0
+ walk	Verb	Alpha	4.76930	1782	1479	Y	62	0	0	0	0
+ beer	Noun	Alpha	4.77419	2263	1474	Y	63	0	0	0	0
+ bring	Verb	Alpha	4.77419	1792	1474	Y	63	0	0	0	0
+ great	Noun	Alpha	4.82600	1545	1422	Y	65	0	0	0	0
+ dish	Noun	Alpha	4.85677	2098	1392	Y	66	0	0	0	0
+ star	Noun	Alpha	4.86508	1574	1384	Y	67	0	0	0	0
+ flavor	Noun	Alpha	4.87344	1718	1376	Y	68	0	0	0	0
+ atmosphere	Noun	Alpha	4.87449	1452	1375	Y	69	0	0	0	0
+ side	Noun	Alpha	4.88502	1646	1365	Y	70	0	0	0	0
+ work	Verb	Alpha	4.93011	1501	1323	Y	71	0	0	0	0
last	Adj	Alpha	4.93339	1506	1320	Y	72	0	0	0	0
good	Adv	Alpha	4.94326	1457	1311	Y	73	0	0	0	0
+ fresh	Adj	Alpha	4.94436	1547	1310	Y	74	0	0	0	0
+ expect	Verb	Alpha	4.95430	1496	1301	Y	75	0	0	0	0
delicious	Noun	Alpha	4.96544	1412	1291	Y	76	0	0	0	0
great	Adv	Alpha	4.96544	1414	1291	Y	76	0	0	0	0
+ best	Noun	Alpha	4.98683	1368	1272	Y	78	0	0	0	0
+ place	Verb	Alpha	4.98683	1383	1272	Y	78	0	0	0	0
+ big	Adj	Alpha	5.00509	1418	1256	Y	80	0	0	0	0
+ visit	Verb	Alpha	5.01662	1407	1246	Y	81	0	0	0	0
+ selection	Noun	Alpha	5.03058	1408	1234	Y	82	0	0	0	0
+ start	Verb	Alpha	5.03644	1394	1229	Y	83	0	0	0	0
+ lunch	Noun	Alpha	5.04232	1618	1224	Y	84	0	0	0	0
food	Adj	Alpha	5.05060	1339	1217	Y	85	0	0	0	0
+ location	Noun	Alpha	5.05178	1510	1216	Y	86	0	0	0	0
+ salad	Noun	Alpha	5.05535	1823	1213	Y	87	0	0	0	0
+ chicken	Noun	Alpha	5.07812	1726	1194	Y	88	0	0	0	0
+ coffee	Noun	Alpha	5.07812	2037	1194	Y	88	0	0	0	0
different	Adj	Alpha	5.09514	1367	1180	Y	90	0	0	0	0
+ meat	Noun	Alpha	5.13104	1562	1151	Y	91	0	0	0	0
+ amaze	Verb	Alpha	5.13858	1247	1145	Y	92	0	0	0	0
+ check	Verb	Alpha	5.13858	1304	1145	Y	92	0	0	0	0
+ option	Noun	Alpha	5.14110	1347	1143	Y	94	0	0	0	0
+ stop	Verb	Alpha	5.14110	1256	1143	Y	94	0	0	0	0
+ happy	Adj	Alpha	5.15505	1429	1132	Y	96	0	0	0	0



+cheese,+good,+sauce,+service,+meat	+customer,+service,+manager,+store,+customer service	+room,+hotel,+stay,+bed,+park
0.012	0.029	0.004
-0.054	-0.032	0.034
0.138	0.442	-0.018
0.038	-0.003	-0.017
-0.021	0.021	0.004
0.003	0.064	0.004
-0.014	0.056	-0.020
-0.061	-0.019	0.003
-0.002	-0.025	0.004
0.234	-0.029	0.007
0.297	0.103	-0.026
0.018	0.009	-0.001
-0.048	0.074	0.023
0.001	0.040	0.009
0.011	-0.003	-0.015
-0.048	0.015	-0.016
0.010	-0.012	-0.005
-0.024	0.024	-0.013
0.018	0.024	0.013
0.083	-0.027	-0.004
0.010	-0.028	-0.009
0.079	-0.023	0.004
-0.004	0.087	0.017
-0.014	0.034	-0.004
0.037	-0.022	0.005
0.024	-0.007	-0.019
-0.002	0.010	0.015
0.006	-0.026	-0.008
0.009	-0.020	0.005
0.043	-0.002	-0.006
-0.025	0.019	0.000
-0.007	-0.004	0.009
-0.003	-0.004	0.002
-0.006	0.017	-0.011
0.006	0.015	0.000
-0.096	-0.036	-0.015
0.005	0.014	-0.007
0.025	0.045	0.060
-0.090	-0.042	-0.007
0.083	-0.044	0.025
0.010	-0.005	-0.018
-0.012	0.021	0.003
0.208	0.000	-0.017
0.005	-0.017	-0.011
-0.016	0.017	0.062
-0.043	0.001	0.011
0.003	0.014	-0.011
-0.003	0.006	-0.018

+pizza,+crust,+good,+sauce,+topping	+minute,+wait,+table,+order,+seat	+coffee,+shop,+tea,+cup,+coffee shop	+time,first,first time,last,cleveland
0.008	0.044	-0.007	0.025
0.019	0.002	0.020	-0.016
0.003	-0.024	0.000	-0.034
-0.006	0.138	0.010	-0.011
0.003	-0.019	0.012	0.016
0.007	-0.023	0.009	0.030
0.003	-0.025	-0.007	0.114
-0.006	0.022	-0.025	0.026
-0.002	0.003	0.024	0.056
0.068	0.004	0.012	-0.048
0.065	-0.071	-0.019	-0.063
-0.006	0.031	0.021	-0.001
0.009	-0.002	0.001	-0.020
-0.001	0.089	0.013	-0.028
-0.008	0.017	-0.018	-0.003
0.002	0.077	0.001	-0.007
0.007	0.000	-0.004	0.004
-0.013	-0.021	-0.003	0.010
0.009	0.003	0.004	-0.004
0.008	-0.012	0.014	-0.009
-0.001	-0.017	0.030	-0.008
0.003	0.013	-0.010	-0.019
0.005	0.006	0.034	0.005
-0.001	0.004	0.000	0.167
0.005	0.015	0.003	-0.028
0.020	0.016	-0.019	-0.034
0.008	0.005	0.008	0.005
-0.002	-0.001	0.010	-0.010
-0.004	-0.001	0.009	-0.008
0.015	-0.010	0.008	0.022
0.019	0.047	0.008	-0.002
0.008	0.001	0.005	0.004
-0.006	0.002	0.011	0.091
-0.015	-0.002	0.022	-0.047
-0.003	0.031	0.003	-0.001
-0.002	0.007	-0.028	0.039
-0.011	0.035	-0.012	-0.005
0.003	0.017	0.021	0.058
0.015	0.031	-0.015	-0.024
-0.015	-0.010	0.012	0.017
-0.004	0.016	0.854	-0.007
0.011	-0.002	0.010	0.022
-0.001	0.017	-0.033	-0.047
0.000	-0.008	-0.011	0.001
-0.001	0.034	0.001	-0.006
0.014	-0.002	0.006	-0.022
0.006	0.017	0.032	0.031
-0.009	-0.059	0.006	-0.037

+beer,+selection,+wine,+bar,+patio	+cupcake,+cake,+frosting,+flavor,+cookie	+dim,+sum,+dim sum,+dish,cleveland	+taco,+salsa,+margarita,+chip,+barrio
0.008	0.007	0.004	-0.003
0.045	0.011	0.018	0.009
-0.015	0.004	0.028	-0.015
0.034	0.008	-0.003	0.002
0.002	0.014	0.006	0.008
-0.002	0.012	0.006	0.022
-0.003	0.000	0.019	-0.009
-0.013	0.002	0.002	0.005
0.036	0.005	0.006	0.009
-0.002	-0.002	0.007	0.065
0.005	0.001	-0.029	0.046
0.033	-0.006	0.012	0.009
-0.022	0.003	-0.012	0.014
-0.004	0.015	-0.010	-0.002
0.783	0.000	-0.015	-0.004
-0.001	0.008	-0.001	0.013
0.020	0.011	0.011	0.010
0.001	-0.006	0.209	-0.001
0.000	0.011	-0.004	0.014
0.011	0.109	-0.009	0.037
0.038	-0.009	-0.027	0.010
-0.004	0.009	-0.018	0.014
-0.010	0.017	-0.004	0.000
0.013	0.004	-0.024	0.019
0.026	0.012	-0.011	-0.008
-0.030	0.002	-0.032	0.020
0.003	0.008	0.017	0.011
-0.007	0.017	-0.003	0.017
0.039	-0.005	-0.040	-0.004
-0.006	0.001	0.034	0.009
0.002	0.006	0.029	-0.009
0.017	0.015	0.021	0.016
-0.001	0.005	0.045	0.007
0.282	-0.007	0.012	-0.001
0.003	0.003	0.004	0.016
-0.034	0.005	0.028	-0.010
0.005	-0.005	0.026	0.005
-0.005	0.001	0.011	0.031
-0.006	-0.013	-0.101	-0.011
0.011	-0.004	0.045	0.013
-0.035	-0.006	-0.037	-0.016
0.019	0.022	0.019	0.014
-0.024	-0.017	-0.059	0.068
-0.017	0.015	-0.021	0.010
0.011	0.003	-0.008	0.003
0.014	-0.003	0.020	0.043
0.011	0.032	0.002	0.002
-0.012	0.004	-0.006	0.016

+sandwich,+salad,+lunch,+soup,+menu	+store,+market,+meat,cleveland,+vendor	ice,+cream,+ice cream,+flavor,+chocolate	+place,+hair,+nail,+steak,+salon
0.009	-0.014	0.006	0.040
0.050	0.029	0.017	0.011
0.048	-0.054	0.020	-0.068
0.038	-0.036	-0.016	-0.035
-0.010	0.026	-0.001	0.043
-0.015	-0.001	0.013	0.023
-0.010	0.059	0.003	0.011
0.021	-0.031	-0.002	0.008
0.011	0.019	0.014	-0.011
-0.016	-0.022	-0.005	-0.019
0.045	0.086	-0.004	-0.067
0.026	-0.018	0.010	-0.042
0.009	0.007	0.002	0.053
0.032	0.053	0.003	0.009
-0.055	-0.054	-0.002	-0.021
0.001	0.009	0.003	0.018
0.037	0.015	-0.004	-0.002
-0.038	-0.028	-0.001	-0.033
-0.002	-0.009	0.003	0.023
-0.023	-0.013	0.109	-0.003
-0.030	-0.034	-0.015	0.000
0.038	0.038	0.000	0.051
0.046	-0.016	-0.009	0.038
0.002	-0.009	-0.006	0.001
0.019	-0.037	0.004	0.025
0.077	0.148	0.019	-0.047
0.001	0.013	-0.002	0.024
0.027	-0.027	0.011	-0.005
-0.031	-0.026	-0.005	0.025
-0.022	0.031	-0.003	-0.012
0.006	0.033	0.004	-0.008
0.039	0.026	0.015	-0.001
-0.015	0.086	0.005	-0.014
-0.002	0.068	0.007	0.010
0.001	0.008	0.003	0.031
0.382	-0.056	-0.017	0.011
0.012	0.042	-0.003	-0.025
0.053	0.024	0.025	-0.041
0.416	-0.029	-0.016	0.070
0.128	-0.063	-0.018	-0.023
-0.026	-0.065	-0.029	-0.051
-0.013	0.036	0.011	0.008
0.030	0.214	-0.020	0.035
-0.019	0.014	0.013	0.015
-0.007	0.026	-0.004	0.022
0.076	0.023	0.018	-0.037
0.045	0.015	-0.004	0.010
0.003	-0.024	-0.013	0.030

sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company	+breakfast,+egg,+brunch,+cheese,+toast
0.010	0.023	0.020
0.051	0.015	0.014
0.016	0.005	-0.008
0.035	-0.023	0.034
0.004	-0.007	0.008
0.013	0.014	0.009
0.007	0.020	-0.011
0.017	0.005	-0.014
0.009	-0.012	0.018
0.017	-0.003	-0.037
-0.022	-0.025	0.186
0.012	-0.017	0.046
-0.010	0.098	0.023
0.005	-0.006	0.009
-0.013	0.000	-0.012
-0.015	0.017	0.029
-0.002	-0.010	0.007
-0.021	0.006	0.007
0.018	0.003	0.000
0.008	-0.001	-0.008
-0.003	-0.003	0.004
0.000	0.011	0.069
0.000	0.020	-0.020
0.010	0.003	-0.007
0.011	-0.003	0.000
0.107	-0.019	0.043
0.008	0.017	0.000
0.001	0.001	0.041
0.005	-0.001	0.011
0.011	-0.004	0.004
0.025	-0.009	0.002
0.013	0.007	0.022
-0.006	-0.013	0.000
0.004	-0.006	-0.023
0.012	0.021	0.014
0.007	-0.010	0.007
-0.006	-0.020	-0.002
-0.010	0.028	-0.045
-0.006	-0.004	-0.115
-0.040	0.009	-0.084
-0.018	-0.026	0.062
0.010	0.007	0.017
0.004	-0.028	0.014
0.000	-0.014	0.028
0.000	0.031	0.011
0.014	0.007	0.051
-0.015	-0.009	0.023
0.026	-0.027	0.003

+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+museum,+cheese	ramen,+noodle,+soup.pork,+broth
0.006	0.024	0.000	0.017
-0.012	0.016	0.023	0.021
-0.024	-0.066	-0.009	-0.007
0.041	0.020	0.012	0.001
0.019	0.034	0.011	0.021
-0.022	0.003	0.023	0.005
0.001	0.131	-0.005	-0.008
0.040	-0.015	0.013	-0.024
0.014	0.021	0.010	-0.004
-0.017	0.068	-0.001	0.030
0.019	-0.050	0.065	-0.195
0.000	0.006	0.002	0.022
0.016	0.084	0.012	-0.004
0.013	0.010	-0.002	0.002
-0.076	-0.034	-0.006	0.003
0.013	0.049	-0.019	0.004
0.020	0.023	0.010	0.003
-0.021	-0.007	0.001	0.149
-0.009	-0.021	0.009	0.004
-0.011	0.005	-0.002	0.098
0.038	-0.011	-0.017	0.001
0.013	-0.009	-0.010	0.010
-0.003	0.032	0.001	0.004
0.023	0.018	-0.014	0.004
-0.009	-0.011	0.013	0.003
-0.022	-0.024	-0.039	0.003
0.018	0.012	-0.003	0.022
0.019	-0.016	0.028	0.033
0.002	-0.005	0.020	0.004
-0.002	-0.002	0.002	0.012
0.007	-0.014	0.010	0.001
0.001	0.025	0.011	0.005
-0.004	-0.010	-0.001	-0.004
-0.017	-0.037	-0.012	-0.015
0.008	0.029	0.003	0.006
-0.048	-0.020	0.013	0.009
0.014	0.005	-0.003	-0.008
-0.006	-0.017	-0.008	-0.016
-0.011	-0.045	-0.049	0.002
0.003	-0.020	0.040	-0.024
-0.065	-0.035	0.004	-0.008
0.021	0.010	0.008	0.025
-0.011	-0.030	-0.028	0.069
0.028	-0.015	0.025	0.017
0.003	0.010	0.018	0.001
0.005	0.007	-0.014	0.017
0.026	-0.009	-0.003	-0.001
0.036	0.025	0.494	0.018

+place,+table,+eat,+bar,+restaurant	+burger,+order,fries,+order,+cheese	+chicken,+order,+food,rice,+order	_termid
-0.008	0.019	0.011	74552
0.018	-0.006	-0.003	58499
0.019	-0.042	-0.066	15489
0.132	-0.028	-0.067	3685
0.072	0.011	-0.007	41013
0.074	0.017	0.029	13961
0.033	0.008	0.024	77836
-0.003	0.010	0.000	56609
0.003	-0.004	-0.001	14456
0.014	-0.016	0.165	36598
0.036	0.138	0.096	62674
0.032	-0.013	0.023	37994
0.006	0.008	0.020	94094
0.107	0.005	-0.040	81623
-0.005	0.032	0.040	31954
0.014	-0.007	0.005	46251
-0.036	-0.007	-0.014	104526
0.002	-0.031	0.094	19262
0.058	-0.003	0.021	38331
-0.012	0.018	0.052	34943
-0.011	0.001	-0.019	104307
-0.014	0.027	0.025	38787
0.022	0.006	-0.008	96343
0.008	0.009	0.032	9213
-0.001	0.003	0.029	10177
-0.054	-0.027	0.013	80353
0.005	0.012	-0.002	96903
-0.041	0.004	0.002	28186
-0.032	0.013	0.008	21405
-0.001	0.028	-0.011	63417
-0.014	0.030	0.034	92917
0.027	0.007	0.014	31403
0.017	0.022	-0.032	58976
-0.087	-0.014	-0.002	71758
0.012	0.010	0.021	18804
0.007	-0.019	-0.024	40013
-0.013	0.018	0.008	47004
-0.069	0.008	-0.029	52912
-0.015	0.026	0.012	9973
0.020	-0.052	0.372	47240
0.004	-0.004	-0.001	44602
-0.005	0.001	0.011	73375
-0.022	0.028	0.028	82547
-0.026	0.025	-0.005	69346
-0.009	0.003	0.011	12278
-0.028	0.015	-0.050	53347
0.011	-0.005	-0.013	90515
-0.037	0.004	-0.029	82225

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	breathhtaking astounding senseational	brilliant terrific fabulous	dazzling electrifying	glorious exceptional unprecedented prodigious outstanding extraordinary
+ room	Noun	Alpha	5.20695	1884	1092	Y	97	0	0	0	0
awesome	Adj	Alpha	5.20960	1216	1090	Y	98	0	0	0	0
+ return	Verb	Alpha	5.21225	1205	1088	Y	99	0	0	0	0
+ cook	Verb	Alpha	5.21623	1292	1085	Y	100	0	0	0	0



+cheese,+good,+sauce,+service,+meat	+customer,+service,+manager,+store,+customer service	+room,+hotel,+stay,+bed,+park
0.000	-0.003	0.594
-0.008	-0.030	0.000
0.006	0.046	0.000
0.048	-0.011	-0.002

+pizza,+crust,+good,+sauce,+topping	+minute,+wait,+table,+order,+seat	+coffee,+shop,+tea,+cup,+coffee shop	+time,first,first time,last,cleveland
-0.002	0.015	-0.021	-0.026
-0.003	-0.004	-0.005	-0.015
-0.005	0.033	0.006	0.014
0.010	0.004	-0.008	0.000

+beer,+selection,+wine,+bar,+patio	+cupcake,+cake,+frosting,+flavor,+cookie	+dim,+sum,+dim sum,+dish,cleveland	+taco,+salsa,+margarita,+chip,+barrio
0.010	-0.001	-0.015	0.012
0.023	0.015	-0.041	0.029
-0.006	-0.004	-0.010	-0.004
-0.013	-0.007	-0.032	-0.015

+sandwich,+salad,+lunch,+soup,+menu	+store,+market,+meat,cleveland,+vendor	ice,+cream,+ice cream,+flavor,+chocolate	+place,+hair,+nail,+steak,+salon
-0.018	-0.040	0.001	0.012
-0.021	0.000	-0.014	0.027
-0.015	-0.008	0.000	0.007
-0.043	0.014	-0.010	0.027

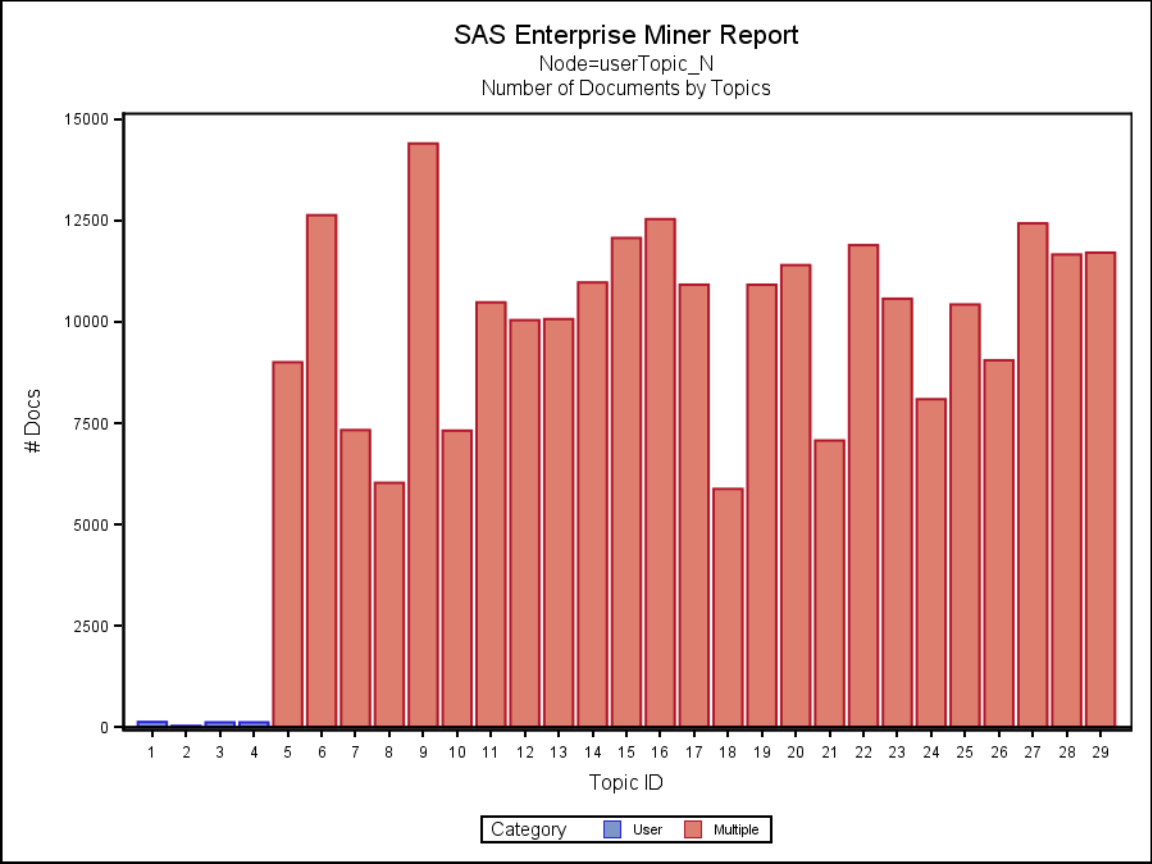
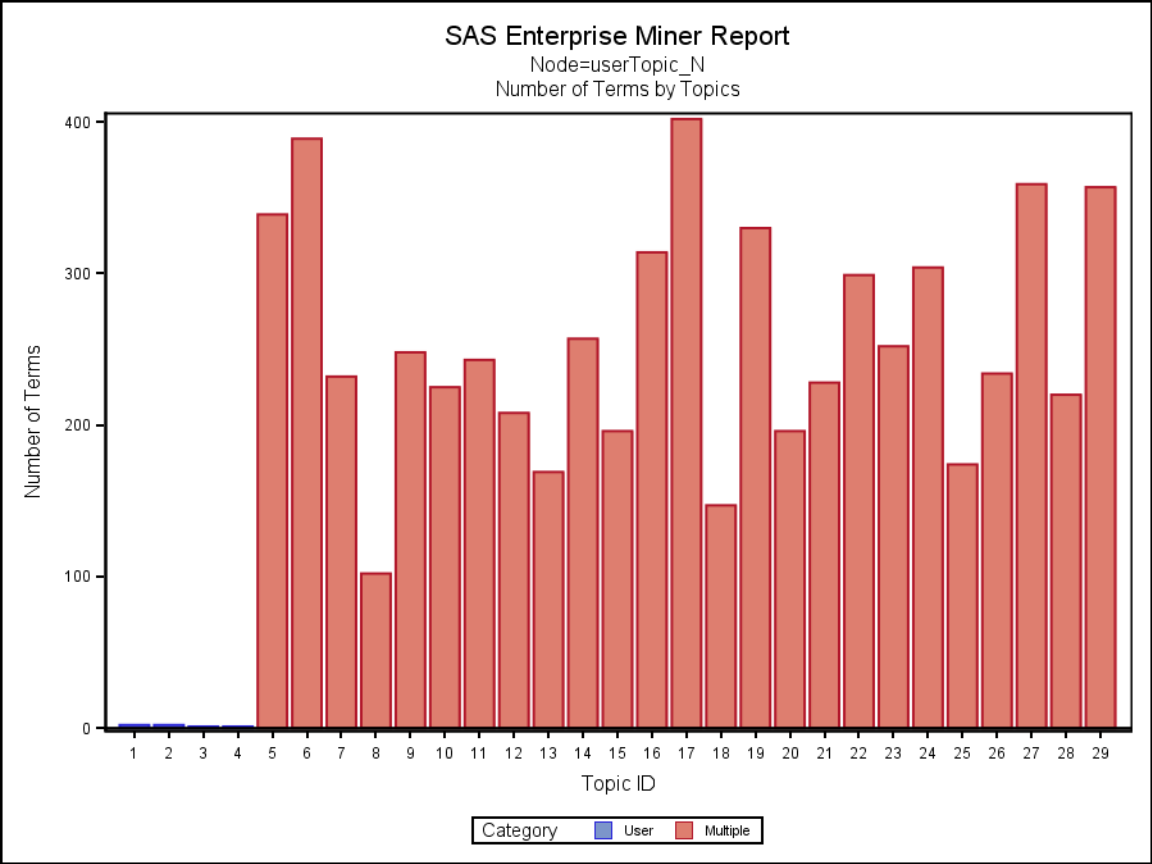
sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company	+breakfast,+egg,+brunch,+cheese,+toast
0.007	-0.061	0.002
-0.010	0.002	0.017
0.001	0.028	0.005
0.007	-0.006	0.023

+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+museum,+cheese	ramen,+noodle,+soup.pork,+broth
0.007	-0.020	0.004	0.000
0.022	0.012	0.004	0.000
0.007	-0.015	-0.001	0.005
-0.022	0.005	-0.019	0.056

+place,+table,+eat,+bar,+restaurant	+burger,+order,fries,+order,+cheese	+chicken,+order,+food,rice,+order	_termid
-0.021	-0.011	0.031	22343
-0.003	0.026	0.004	4549
-0.019	0.012	0.003	9221
-0.023	0.079	0.063	87277

## Node=userTopic\_N Topics

Category	Topic ID	Document Cutoff	Term Cutoff	Topic	Number of Terms	# Docs
User	1	0.001	0.001	breathtaking astonishinh astounding senseational	2	126
User	2	0.001	0.001	brilliant terrific fabulous	2	29
User	3	0.001	0.001	dazzling electrifying	1	116
User	4	0.001	0.001	glorious exceptional unpreceident prodigious outstanding extraordinary	1	116
Multiple	5	0.006	0.014	+cheese,+good,+sauce,+service,+meat	339	9004
Multiple	6	0.008	0.014	+customer,+service,+manager,+store,+customer service	389	12634
Multiple	7	0.008	0.013	+room,+hotel,+stay,+bed,+park	232	7330
Multiple	8	0.009	0.012	+pizza,+crust,+good,+sauce,+topping	102	6028
Multiple	9	0.011	0.013	+minute,+wait,+table,+order,+seat	248	14403
Multiple	10	0.008	0.012	+coffee,+shop,+tea,+cup,+coffee shop	225	7316
Multiple	11	0.007	0.013	+time,first,first time,last,cleveland	243	10482
Multiple	12	0.007	0.013	+beer,+selection,+wine,+bar,+patio	208	10043
Multiple	13	0.007	0.012	+cupcake,+cake,+frosting,+flavor,+cookie	169	10070
Multiple	14	0.007	0.013	+dim,+sum,+dim sum,+dish,cleveland	257	10973
Multiple	15	0.007	0.013	+taco,+salsa,+margarita,+chip,+barrio	196	12071
Multiple	16	0.007	0.013	+sandwich,+salad,+lunch,+soup,+menu	314	12537
Multiple	17	0.007	0.014	+store,+market,+meat,cleveland,+vendor	402	10918
Multiple	18	0.007	0.012	ice,+cream,+ice cream,+flavor,+chocolate	147	5877
Multiple	19	0.006	0.013	+place,+hair,+nail,+steak,+salon	330	10917
Multiple	20	0.007	0.012	sushi,+roll,+tea,ginko,+fresh	196	11402
Multiple	21	0.007	0.013	+car,+park,+lot,+pay,+company	228	7072
Multiple	22	0.007	0.013	+breakfast,+egg,+brunch,+cheese,+toast	299	11894
Multiple	23	0.007	0.013	+drink,+bar,+bartender,+cocktail,+friend	252	10572
Multiple	24	0.006	0.013	+dog,+hot,+vet,+hot dog,+year	304	8092
Multiple	25	0.007	0.013	+hour,+happy,+happy hour,+museum,+cheese	174	10429
Multiple	26	0.007	0.013	ramen,+noodle,+soup,pork,+broth	234	9053
Multiple	27	0.007	0.014	+place,+table,+eat,+bar,+restaurant	359	12432
Multiple	28	0.007	0.013	+burger,+order,fries,+order,+cheese	220	11663
Multiple	29	0.007	0.013	+chicken,+order,+food,rice,+order	357	11709





## SAS Enterprise Miner Report

### Node=userTopic\_P Summary

Node id = TextTopic3  
 Node label = userTopic\_P  
 Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic3  
 Notes =

### Node=userTopic\_P Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	TextTopic		autoTopicCnt	25		tm_topic_node		
augTopics			initTopics			topTermCnt	0	
autoTopic	N		tm_topic_dataset			topics		

### Node=userTopic\_P Variable Summary

Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text

### Node=userTopic\_P Terms

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ food	Noun	Alpha	2.42013	11484	7536	Y	1	0	0	0	0.228
+ place	Noun	Alpha	2.43823	11021	7442	Y	2	0	0	0	0.083
+ good	Adj	Alpha	2.62552	8916	6536	Y	3	0	0	0	-0.072

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.077	-0.038	-0.053	-0.040
-0.184	-0.032	0.034	-0.006
-0.033	-0.003	0.082	-0.012

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.086	-0.285	-0.002	-0.036
0.011	0.308	-0.038	-0.007
0.025	0.194	0.077	0.030

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.075	-0.015	-0.088	0.000
0.135	0.017	-0.134	0.020
0.053	0.045	-0.043	0.053

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.034	0.266	-0.098	-0.075
0.036	-0.157	0.042	0.025
-0.001	0.287	0.077	0.029

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.042	-0.094	-0.006	0.087
0.034	0.094	-0.173	0.018
0.016	0.042	0.043	-0.064

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.129	0.199	-0.068	0.080	84494
-0.079	0.513	0.096	0.100	42017
0.065	-0.132	0.080	-0.183	8773

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ service	Noun	Alpha	2.86066	6904	5553	Y	4	0	0	0	-0.067
+ time	Noun	Alpha	2.92576	7486	5308	Y	5	0	0	0	0.065
+ order	Verb	Alpha	3.26629	6381	4192	Y	6	0	0	0	0.265

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.054	-0.014	-0.021	-0.020
0.665	-0.021	0.000	0.009
0.061	-0.036	0.068	0.006

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.029	-0.008	-0.016	-0.021
0.008	0.127	0.035	-0.012
0.036	-0.113	-0.027	0.011

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.071	-0.028	0.039	-0.148
-0.049	0.007	-0.048	-0.014
0.141	0.060	0.050	-0.101

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.002	0.127	-0.041	0.015
0.020	-0.068	0.004	0.012
-0.021	0.045	0.085	-0.025

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.014	0.008	-0.112	-0.041
0.030	0.027	-0.021	-0.014
0.081	0.092	-0.061	0.033

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.066	-0.105	-0.038	0.042	77624
0.022	-0.055	-0.013	-0.058	56195
-0.050	-0.077	0.202	0.105	5806

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ great	Adj	Alpha	3.34261	5026	3976	Y	7	0	0	0	-0.017
+ restaurant	Noun	Alpha	3.60361	4718	3318	Y	8	0	0	0	-0.241
+ want	Verb	Alpha	3.63882	4204	3238	Y	9	0	0	0	0.035

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.026	-0.006	0.004	-0.016
0.073	0.000	-0.015	-0.015
0.007	-0.010	0.013	0.037

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.006	0.052	0.069	-0.010
-0.009	-0.247	-0.058	-0.026
0.007	0.126	0.020	0.035

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.074	-0.018	-0.009	0.061
0.184	0.036	0.228	0.039
0.027	0.022	-0.024	-0.021

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.009	-0.010	-0.011	-0.005
-0.029	0.079	0.078	-0.024
0.022	0.037	0.015	0.000

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.016	-0.045	0.023	-0.021
-0.078	-0.111	0.001	-0.013
0.035	0.057	0.031	-0.001

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.039	-0.113	-0.032	0.795	20044
0.031	0.156	0.084	-0.036	6950
-0.014	0.098	0.014	0.022	59746

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
cleveland	Location	Entity	3.67674	3914	3154	Y	10	0	0	0	-0.137
+ back	Noun	Alpha	3.68224	3592	3142	Y	11	0	0	0	0.028
+ eat	Verb	Alpha	3.79439	3846	2907	Y	12	0	0	0	0.048

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.107	0.042	0.025	-0.107
0.027	0.000	-0.002	0.021
0.096	-0.023	0.021	0.099

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.011	-0.033	-0.004	-0.007
0.013	0.063	-0.021	0.016
-0.035	-0.113	-0.038	0.033

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.136	0.006	0.026	0.235
-0.014	0.007	0.015	-0.069
-0.014	0.041	-0.010	0.008

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.004	-0.047	0.068	0.021
-0.006	0.021	0.004	0.028
-0.006	0.043	0.039	-0.029

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.015	0.011	-0.030	-0.053
0.011	0.040	0.009	0.010
0.030	-0.091	0.024	0.011

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.051	-0.011	0.107	0.008	36002
0.000	0.062	0.043	0.040	51816
0.024	0.205	0.054	0.059	107476

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ know	Verb	Alpha	3.87870	3470	2742	Y	13	0	0	0	0.015
+ look	Verb	Alpha	3.88028	3441	2739	Y	14	0	0	0	-0.006
+ love	Verb	Alpha	3.88820	3297	2724	Y	15	0	0	0	0.056

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.000	-0.009	0.005	0.002
-0.015	0.010	0.010	0.061
-0.045	-0.027	0.003	0.031

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.009	0.034	0.019	0.017
0.021	0.139	0.017	0.036
0.008	0.009	-0.029	0.030

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.035	0.013	-0.001	0.033
0.022	0.003	-0.009	0.046
0.000	0.057	0.085	0.067

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.004	-0.013	0.029	0.003
-0.008	0.052	-0.004	-0.001
-0.004	-0.290	0.010	-0.041

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.030	0.028	0.049	0.006
0.030	0.031	-0.004	0.000
0.022	0.031	0.063	0.058

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.007	0.082	0.018	-0.004	110735
-0.005	0.104	0.012	0.016	81317
-0.024	0.057	-0.001	0.057	15467

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ menu	Noun	Alpha	3.94051	3597	2627	Y	16	0	0	0	-0.179
+ little	Adj	Alpha	3.99194	3089	2535	Y	17	0	0	0	-0.006
+ good	Noun	Alpha	4.05832	2793	2421	Y	18	0	0	0	0.037

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.009	-0.045	0.007	0.174
-0.022	0.013	0.018	0.072
0.005	-0.007	0.015	0.077

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.004	-0.097	0.055	-0.007
0.044	0.038	0.018	0.039
0.028	0.017	0.022	0.026

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.201	0.066	0.041	-0.092
0.015	0.001	0.052	0.017
0.042	0.020	-0.028	0.028

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.002	0.081	0.011	-0.026
0.031	0.012	0.009	0.026
-0.007	0.049	0.004	-0.004

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.160	0.086	0.006	0.076
-0.001	0.012	0.047	0.029
0.017	0.029	-0.021	0.005

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.002	-0.036	0.028	0.032	24615
0.019	0.027	0.000	-0.016	52166
0.025	-0.004	0.014	-0.057	71151

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ thing	Noun	Alpha	4.06011	2969	2418	Y	19	0	0	0	0.025
+ drink	Noun	Alpha	4.08175	3454	2382	Y	20	0	0	0	0.014
+ staff	Noun	Alpha	4.09086	2726	2367	Y	21	0	0	0	-0.072

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.012	0.005	0.012	0.051
-0.036	-0.030	-0.008	-0.018
-0.011	0.094	-0.007	0.055

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.006	0.039	0.032	0.018
0.030	-0.097	-0.141	0.005
0.041	0.028	0.005	0.001

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.034	0.037	-0.008	0.057
-0.023	0.039	-0.035	0.006
0.005	-0.002	0.052	-0.079

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.010	0.036	0.008	0.010
-0.009	0.117	-0.050	-0.015
-0.005	-0.132	0.017	-0.054

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.037	0.035	0.049	0.002
-0.054	0.664	-0.015	0.006
-0.018	-0.025	0.080	-0.016

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.006	0.041	-0.014	-0.049	60425
-0.027	-0.117	0.000	0.033	55615
-0.047	-0.009	0.021	-0.041	65000



Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ experience	Noun	Alpha	4.09636	2829	2358	Y	22	0	0	0	-0.034
+ minute	Noun	Alpha	4.13669	3255	2293	Y	23	0	0	0	0.063
+ people	Noun	Alpha	4.14552	2883	2279	Y	24	0	0	0	-0.008

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.074	0.000	-0.005	-0.054
-0.042	0.000	0.007	-0.011
-0.017	0.010	0.004	0.017

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.002	0.060	-0.021	0.001
-0.021	0.048	-0.020	-0.003
0.010	-0.020	0.006	-0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.007	0.002	0.077	0.001
0.007	-0.033	-0.084	0.029
-0.002	-0.013	-0.028	0.081

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.010	0.053	0.025	-0.010
0.012	-0.074	-0.019	0.002
0.005	-0.034	0.003	0.013

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.010	0.014	0.021	-0.024
-0.056	-0.036	-0.036	-0.014
0.003	0.032	0.033	-0.007

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.005	-0.002	0.004	0.048	104980
0.000	-0.109	0.022	0.007	99238
-0.011	0.156	-0.012	-0.016	41144

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ price	Noun	Alpha	4.16336	2685	2251	Y	25	0	0	0	-0.043
+ day	Noun	Alpha	4.18467	2821	2218	Y	26	0	0	0	0.014
+ nice	Adj	Alpha	4.20102	2619	2193	Y	27	0	0	0	-0.012

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.072	-0.009	0.013	0.063
0.040	0.044	0.003	0.041
-0.026	0.078	-0.001	0.076

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.016	0.089	-0.018	-0.007
0.021	0.058	-0.008	0.011
0.036	0.069	0.056	0.006

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.048	-0.007	-0.048	0.083
0.014	0.016	-0.030	0.033
0.020	-0.006	0.046	-0.025

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.022	0.243	0.036	0.032
0.018	-0.011	-0.003	0.079
0.007	0.003	0.004	-0.006

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.018	0.007	0.022	0.086
0.043	-0.014	0.052	0.066
-0.024	0.037	0.055	-0.004

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.032	-0.066	-0.015	0.045	109666
-0.009	-0.004	-0.002	0.029	47968
0.001	-0.017	-0.017	-0.005	28827

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ find	Verb	Alpha	4.20497	2640	2187	Y	28	0	0	0	-0.024
+ table	Noun	Alpha	4.20563	3282	2186	Y	29	0	0	0	-0.168
+ friendly	Adj	Alpha	4.23227	2260	2146	Y	30	0	0	0	-0.064

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.006	0.017	0.002	0.017
-0.046	-0.039	-0.023	-0.005
-0.041	0.036	0.000	0.091

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.022	0.012	0.016	0.001
0.015	-0.006	0.044	-0.005
0.046	0.032	0.000	0.001

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.049	-0.003	0.003	0.134
-0.044	0.031	0.145	-0.035
0.010	0.007	0.051	-0.067

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.009	0.018	0.019	0.056
-0.016	0.080	0.022	-0.043
-0.013	-0.118	0.014	-0.033

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.010	0.000	0.006	0.002
0.045	-0.077	0.028	-0.020
0.009	0.010	0.072	-0.022

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.011	0.030	0.015	-0.027	84392
0.035	0.172	-0.089	-0.013	14577
-0.033	-0.048	0.008	-0.008	70608

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
definitely	Adv	Alpha	4.29338	2323	2057	Y	31	0	0	0	-0.004
+ wait	Verb	Alpha	4.30182	2606	2045	Y	32	0	0	0	0.019
+ hour	Noun	Alpha	4.34406	2648	1986	Y	33	0	0	0	0.000

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.023	0.007	0.003	-0.003
-0.024	-0.011	-0.002	-0.005
-0.008	0.005	-0.005	-0.045

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.022	0.063	-0.033	0.028
-0.022	0.049	0.003	-0.010
-0.001	0.032	-0.014	-0.012

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.028	0.011	0.066	-0.028
-0.017	-0.030	-0.041	0.015
-0.055	-0.031	-0.027	0.013

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.013	-0.068	0.025	0.008
0.024	-0.084	-0.012	0.014
-0.006	0.014	-0.003	0.014

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.036	0.037	-0.022	0.041
0.013	-0.078	-0.025	0.059
-0.027	-0.056	-0.027	0.665

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.016	-0.019	0.025	0.031	7832
0.009	-0.064	-0.007	-0.021	17504
0.015	-0.037	-0.015	-0.044	90828

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
always	Adv	Alpha	4.34988	2517	1978	Y	34	0	0	0	-0.017
+ bad	Adj	Alpha	4.35573	2293	1970	Y	35	0	0	0	0.046
+ recommend	Verb	Alpha	4.37638	2059	1942	Y	36	0	0	0	-0.047

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.071	-0.031	0.003	0.153
-0.005	0.009	0.013	-0.046
0.001	-0.002	-0.001	-0.027

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.013	-0.042	0.018	-0.012
-0.001	-0.002	0.003	0.011
-0.013	0.071	-0.041	-0.002

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.076	0.053	-0.007	0.025
-0.017	0.023	-0.028	-0.023
0.050	0.015	0.075	-0.019

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.006	-0.207	0.036	-0.040
0.011	0.092	-0.018	-0.003
-0.006	-0.064	0.035	0.010

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.010	0.021	0.123	0.013
-0.018	-0.004	-0.010	-0.033
-0.002	0.002	-0.014	0.002

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.083	-0.097	-0.046	-0.068	48515
0.025	0.080	0.015	-0.009	18250
0.003	-0.011	0.022	0.054	10099

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ bar	Noun	Alpha	4.41020	2734	1897	Y	37	0	0	0	-0.075
first	Adj	Alpha	4.41630	2147	1889	Y	38	0	0	0	0.027
+ friend	Noun	Alpha	4.42550	2501	1877	Y	39	0	0	0	0.019

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.017	0.022	-0.005	0.034
0.276	-0.002	0.002	-0.008
0.047	-0.028	-0.002	-0.002

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.033	-0.128	0.185	-0.007
0.002	0.066	0.007	0.003
0.000	0.031	0.029	0.027

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.087	-0.036	-0.039	-0.035
-0.034	-0.002	0.003	-0.010
0.038	0.010	0.034	-0.065

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.027	-0.041	0.072	-0.027
0.011	-0.011	0.022	0.001
-0.004	-0.043	0.015	0.007

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.001	0.388	-0.017	0.007
0.018	0.030	-0.007	-0.016
0.055	0.126	-0.012	-0.012

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.070	0.095	0.002	-0.035	98773
0.029	-0.007	0.002	-0.014	23838
-0.022	0.111	0.005	0.052	110746

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ order	Noun	Alpha	4.43012	2707	1871	Y	40	0	0	0	0.173
+ night	Noun	Alpha	4.43398	2361	1866	Y	41	0	0	0	0.003
+ meal	Noun	Alpha	4.48433	2387	1802	Y	42	0	0	0	0.028

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.021	-0.023	0.046	0.034
0.071	0.099	-0.003	-0.043
0.051	-0.018	-0.023	0.013

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.004	-0.102	-0.052	-0.005
-0.012	-0.015	0.027	-0.005
-0.016	0.016	-0.036	-0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.119	-0.006	-0.146	0.024
-0.044	0.028	0.070	-0.034
-0.001	0.014	0.163	-0.006

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.009	-0.103	-0.001	-0.065
-0.010	-0.012	0.051	0.005
-0.008	0.096	0.005	-0.006

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.030	-0.004	-0.049	0.022
-0.047	0.115	-0.004	-0.001
0.058	-0.041	0.009	0.009

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.067	-0.181	0.139	0.061	67469
-0.006	0.067	0.029	0.026	63952
-0.007	-0.005	0.019	0.059	21406

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ leave	Verb	Alpha	4.50043	2128	1782	Y	43	0	0	0	-0.015
+ server	Noun	Alpha	4.53899	2455	1735	Y	44	0	0	0	-0.059
+ disappoint	Verb	Alpha	4.54900	1866	1723	Y	45	0	0	0	0.028

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.011	0.017	-0.010	0.003
-0.011	-0.048	-0.021	0.003
0.046	0.007	0.007	0.003

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.002	0.041	0.010	0.004
-0.011	-0.036	-0.013	-0.002
-0.001	0.003	-0.008	0.029

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.027	0.008	0.008	-0.016
-0.001	0.049	0.094	-0.060
-0.002	0.008	0.029	-0.008

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.006	0.017	-0.003	0.027
-0.008	0.109	-0.010	-0.050
-0.006	0.047	0.012	-0.004

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.007	-0.017	0.012	0.023
0.033	0.056	0.020	-0.043
0.002	-0.006	-0.014	0.014

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.018	0.068	-0.017	0.005	14144
-0.007	0.008	-0.025	0.042	4655
0.033	0.016	0.026	0.002	76486



Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ few	Adj	Alpha	4.56077	1946	1709	Y	46	0	0	0	0.014
+ area	Noun	Alpha	4.57264	2039	1695	Y	47	0	0	0	-0.074
+ taste	Verb	Alpha	4.59408	2115	1670	Y	48	0	0	0	0.145

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.069	0.004	0.006	0.022
0.025	0.059	0.016	0.028
0.004	-0.005	0.024	-0.028

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.015	0.019	0.026	0.014
0.028	-0.035	0.030	0.002
0.028	-0.027	0.011	0.090

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.017	0.015	-0.001	0.049
0.045	0.000	-0.008	0.095
-0.006	0.041	0.031	-0.003

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.014	0.012	-0.004	0.014
-0.001	0.001	0.026	0.013
0.028	0.076	0.027	-0.014

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.008	0.012	0.033	0.021
-0.012	0.003	0.003	-0.010
0.006	-0.005	-0.009	0.003

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.009	0.010	-0.009	-0.004	109214
0.009	0.019	0.019	0.004	70361
0.050	0.044	0.014	-0.024	73572

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
back	Adv	Alpha	4.60535	1859	1657	Y	49	0	0	0	0.014
+ small	Adj	Alpha	4.62287	1965	1637	Y	50	0	0	0	-0.016
+ customer	Noun	Alpha	4.62905	2207	1630	Y	51	0	0	0	-0.051

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.025	0.004	0.008	0.008
-0.006	0.035	0.021	0.058
-0.075	-0.021	-0.001	0.012

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.008	0.040	0.008	0.006
0.023	0.003	0.041	0.013
-0.010	-0.039	0.001	-0.002

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.003	-0.003	0.009	-0.013
0.038	0.007	0.020	0.021
-0.048	-0.010	-0.013	-0.034

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.006	-0.019	0.010	0.023
0.018	0.052	0.054	0.013
0.016	-0.067	0.005	0.005

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.020	0.006	0.024	0.000
0.013	-0.011	0.015	0.034
-0.005	-0.020	-0.073	-0.058

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.020	-0.010	0.020	0.030	74552
-0.006	0.025	-0.011	-0.003	58499
0.067	-0.007	-0.018	-0.037	15489

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ sit	Verb	Alpha	4.65585	1974	1600	Y	52	0	0	0	-0.068
+ feel	Verb	Alpha	4.66308	1851	1592	Y	53	0	0	0	-0.018
+ review	Noun	Alpha	4.67491	1840	1579	Y	54	0	0	0	0.019

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.023	-0.016	-0.007	0.022
0.021	0.005	0.003	-0.004
0.029	0.004	0.006	-0.018

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.006	-0.026	0.045	0.005
0.014	0.038	0.001	0.016
0.008	0.021	0.001	0.011

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.038	0.002	0.009	-0.021
0.017	0.008	0.018	0.022
0.003	0.022	0.000	0.001

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.017	-0.016	0.031	-0.016
-0.001	0.009	0.007	-0.009
0.012	0.023	0.013	0.014

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.033	0.051	0.020	-0.006
0.008	0.024	0.034	0.016
0.008	-0.018	0.002	0.018

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.026	0.092	-0.022	-0.006	3685
0.009	0.079	0.008	-0.011	41013
0.009	0.079	0.015	-0.009	13961

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ year	Noun	Alpha	4.68776	1908	1565	Y	55	0	0	0	0.012
+ dinner	Noun	Alpha	4.69423	1937	1558	Y	56	0	0	0	-0.015
+ enjoy	Verb	Alpha	4.71663	1777	1534	Y	57	0	0	0	-0.007

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.112	-0.020	0.003	-0.012
0.039	0.004	-0.006	0.028
0.056	0.004	-0.002	0.012

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.007	0.010	-0.001	0.000
-0.023	-0.001	-0.017	0.004
0.025	-0.009	0.036	0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.018	-0.008	-0.002	0.062
0.019	0.003	0.150	-0.037
0.010	0.010	0.091	0.021

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.003	-0.004	0.006	0.019
-0.001	0.045	0.020	0.003
0.014	-0.045	0.011	-0.011

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.011	0.003	0.130	-0.006
-0.015	0.041	-0.015	0.024
0.018	0.016	0.022	0.011

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.012	0.031	0.007	0.010	77836
-0.048	0.003	0.005	0.048	56609
-0.006	-0.002	-0.003	0.013	14456

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ sauce	Noun	Alpha	4.72039	2083	1530	Y	58	0	0	0	0.198
+ cheese	Noun	Alpha	4.72606	2282	1524	Y	59	0	0	0	0.152
+ serve	Verb	Alpha	4.73938	1824	1510	Y	60	0	0	0	0.020

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.075	0.005	0.063	-0.041
-0.119	-0.029	0.055	-0.020
-0.003	-0.001	-0.007	0.020

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.004	0.003	0.009	-0.008
-0.036	-0.024	0.032	-0.010
0.019	-0.043	0.036	-0.006

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.029	0.071	0.160	0.001
-0.164	0.054	0.269	0.127
0.009	0.008	0.038	-0.015

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.011	-0.031	0.011	0.005
-0.014	-0.144	-0.042	-0.013
0.009	0.061	0.011	-0.016

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.035	-0.022	0.070	-0.032
0.191	0.014	-0.054	0.000
0.045	0.001	0.005	-0.004

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.115	-0.003	-0.003	-0.061	36598
-0.037	-0.024	0.163	-0.062	62674
0.028	0.027	-0.013	-0.011	37994

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ pay	Verb	Alpha	4.74225	1919	1507	Y	61	0	0	0	0.017
+ walk	Verb	Alpha	4.76930	1782	1479	Y	62	0	0	0	-0.043
+ beer	Noun	Alpha	4.77419	2263	1474	Y	63	0	0	0	0.055

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.010	0.023	0.009	0.012
-0.030	0.010	-0.001	0.029
0.002	-0.015	-0.006	-0.049

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.002	0.039	-0.025	0.004
0.013	0.009	0.000	0.015
-0.015	-0.026	0.777	0.002

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.006	0.011	-0.030	-0.001
-0.022	-0.002	-0.008	0.055
0.004	-0.004	-0.061	-0.065

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.003	0.124	-0.011	0.092
0.003	-0.034	0.005	-0.004
0.000	0.022	-0.011	-0.004

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.021	0.013	0.080	0.019
0.009	0.020	0.010	-0.006
-0.012	-0.076	-0.030	-0.003

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.019	0.018	-0.001	0.039	94094
0.006	0.091	0.004	-0.003	81623
-0.002	0.000	0.032	-0.005	31954

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ bring	Verb	Alpha	4.77419	1792	1474	Y	63	0	0	0	-0.002
+ great	Noun	Alpha	4.82600	1545	1422	Y	65	0	0	0	-0.014
+ dish	Noun	Alpha	4.85677	2098	1392	Y	66	0	0	0	0.051

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.005	-0.016	0.003	0.009
0.001	-0.005	0.008	0.040
0.019	-0.013	-0.013	-0.034

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.003	0.007	-0.005	0.009
-0.002	0.005	0.019	0.012
-0.001	-0.036	-0.002	-0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.016	0.010	0.045	0.001
0.014	0.013	0.007	0.017
0.247	-0.002	0.175	-0.033

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.004	0.037	-0.012	0.014
-0.004	-0.040	-0.001	-0.010
0.001	-0.025	-0.016	0.004

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.027	0.013	0.048	-0.008
0.009	0.021	0.026	0.013
0.006	-0.018	-0.009	0.010

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.017	0.019	-0.014	0.040	46251
0.003	-0.034	-0.001	0.043	104526
0.115	0.013	-0.033	-0.002	19262

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ star	Noun	Alpha	4.86508	1574	1384	Y	67	0	0	0	0.018
+ flavor	Noun	Alpha	4.87344	1718	1376	Y	68	0	0	0	0.065
+ atmosphere	Noun	Alpha	4.87449	1452	1375	Y	69	0	0	0	-0.020

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.005	0.014	0.009	-0.004
-0.013	-0.004	0.007	-0.023
-0.008	-0.008	0.000	-0.023

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.004	0.023	0.002	0.010
0.013	-0.002	0.011	0.108
0.031	0.002	0.036	-0.008

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.006	0.014	-0.007	-0.006
-0.004	0.038	0.048	-0.011
-0.019	0.012	0.032	-0.031

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.002	0.042	0.019	0.004
0.107	0.014	0.010	0.000
-0.014	-0.010	0.000	-0.002

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.001	-0.006	-0.021	0.005
-0.008	-0.015	0.007	-0.007
0.004	0.041	-0.006	-0.014

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.011	0.063	-0.003	-0.008	38331
0.120	-0.007	0.018	-0.009	34943
0.004	-0.004	0.005	0.104	104307



Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ side	Noun	Alpha	4.88502	1646	1365	Y	70	0	0	0	0.047
+ work	Verb	Alpha	4.93011	1501	1323	Y	71	0	0	0	-0.012
last	Adj	Alpha	4.93339	1506	1320	Y	72	0	0	0	0.026

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.026	0.004	0.002	0.031
0.005	0.017	0.005	0.046
0.170	-0.003	-0.001	0.002

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.012	0.056	-0.002	0.008
0.035	0.038	-0.009	0.017
0.000	-0.004	0.013	0.004

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.035	0.015	0.055	0.042
-0.005	0.000	-0.015	-0.018
-0.017	0.018	0.011	-0.008

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.001	0.044	-0.003	0.012
-0.009	-0.036	0.001	0.019
-0.006	-0.011	0.011	0.003

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.070	0.009	-0.009	-0.017
-0.020	-0.001	0.031	0.001
-0.008	0.024	0.017	-0.013

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.041	-0.018	0.029	-0.011	38787
0.002	0.025	0.007	0.002	96343
0.001	0.008	0.006	0.001	9213

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
good	Adv	Alpha	4.94326	1457	1311	Y	73	0	0	0	0.038
+ fresh	Adj	Alpha	4.94436	1547	1310	Y	74	0	0	0	0.023
+ expect	Verb	Alpha	4.95430	1496	1301	Y	75	0	0	0	-0.001

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.030	0.005	0.006	0.019
-0.036	-0.020	0.021	0.085
0.008	0.015	0.009	0.003

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.002	0.027	0.026	0.012
-0.016	-0.043	-0.033	0.004
0.008	0.022	0.002	0.008

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.010	-0.006	0.008	-0.035
-0.019	0.022	0.023	0.144
0.020	0.010	0.014	0.011

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.003	0.095	0.012	-0.002
0.019	-0.043	0.109	-0.021
-0.002	0.078	0.009	0.015

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.001	-0.011	-0.010	0.011
0.046	-0.025	-0.023	-0.033
0.000	0.018	0.011	-0.001

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.013	0.008	0.005	-0.012	10177
0.002	-0.046	-0.024	0.012	80353
0.018	0.008	0.010	-0.012	96903

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
delicious	Noun	Alpha	4.96544	1412	1291	Y	76	0	0	0	0.000
great	Adv	Alpha	4.96544	1414	1291	Y	76	0	0	0	0.013
+ best	Noun	Alpha	4.98683	1368	1272	Y	78	0	0	0	-0.009

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.006	-0.007	-0.002	0.036
-0.003	0.006	-0.004	-0.019
0.013	-0.006	0.015	-0.026

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.013	-0.004	-0.011	0.019
0.012	0.024	0.034	-0.003
0.006	-0.002	-0.003	0.001

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.016	0.019	0.088	-0.031
-0.021	-0.001	0.044	-0.031
0.022	0.012	0.029	0.039

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.012	-0.082	0.005	0.000
-0.004	-0.014	0.010	-0.003
-0.003	-0.004	0.010	-0.002

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.043	0.018	-0.013	0.036
0.012	0.001	-0.001	0.029
0.005	0.000	-0.001	-0.005

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.027	-0.032	0.006	0.017	28186
0.002	-0.013	0.015	0.044	21405
0.027	-0.006	0.035	0.009	63417

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ place	Verb	Alpha	4.98683	1383	1272	Y	78	0	0	0	0.029
+ big	Adj	Alpha	5.00509	1418	1256	Y	80	0	0	0	0.007
+ visit	Verb	Alpha	5.01662	1407	1246	Y	81	0	0	0	-0.041

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.002	0.000	0.021	0.012
0.003	0.009	0.008	0.037
0.086	0.002	-0.006	-0.017

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.010	-0.011	-0.002	0.007
0.005	-0.001	0.019	0.015
0.012	-0.007	0.001	0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.043	-0.009	-0.042	0.028
0.019	0.015	-0.005	0.027
0.037	0.008	0.031	0.092

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.005	-0.020	0.027	-0.011
0.015	0.013	0.012	0.008
0.006	-0.030	-0.006	-0.012

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.003	0.007	-0.014	0.018
0.021	0.002	0.024	0.010
0.002	0.000	-0.009	-0.003

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.015	-0.004	0.030	0.004	92917
0.003	0.024	0.006	0.007	31403
-0.004	0.008	0.026	0.004	58976

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ selection	Noun	Alpha	5.03058	1408	1234	Y	82	0	0	0	0.009
+ start	Verb	Alpha	5.03644	1394	1229	Y	83	0	0	0	0.021
+ lunch	Noun	Alpha	5.04232	1618	1224	Y	84	0	0	0	-0.057

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.044	-0.011	-0.013	0.007
0.002	0.000	-0.004	0.001
0.048	-0.015	0.000	0.379

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.026	0.011	0.276	-0.004
0.003	0.028	0.002	0.003
-0.027	0.005	-0.029	0.005

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.025	0.000	0.024	0.058
0.005	0.015	0.048	0.006
0.034	-0.014	-0.062	-0.054

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.009	0.005	0.006	-0.012
0.003	-0.010	0.013	0.020
-0.014	0.044	0.006	-0.007

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.021	-0.021	-0.036	-0.004
0.014	0.008	0.028	0.005
0.005	-0.044	-0.024	0.019

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.025	-0.078	-0.011	0.045	71758
0.007	0.011	0.009	0.007	18804
-0.026	0.003	-0.022	0.061	40013

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
food	Adj	Alpha	5.05060	1339	1217	Y	85	0	0	0	0.008
+ location	Noun	Alpha	5.05178	1510	1216	Y	86	0	0	0	-0.020
+ salad	Noun	Alpha	5.05535	1823	1213	Y	87	0	0	0	0.006

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.008	-0.007	-0.010	0.010
0.047	0.060	0.005	0.047
0.002	-0.007	0.017	0.431

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.012	-0.023	0.006	-0.005
0.019	-0.030	-0.002	0.001
-0.011	0.047	-0.012	-0.011

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.021	0.006	-0.009	0.045
-0.004	0.034	-0.040	0.032
-0.064	-0.017	0.112	-0.047

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.003	0.050	-0.008	-0.021
0.025	0.015	-0.013	0.029
-0.013	0.100	-0.001	-0.007

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.002	0.013	0.004	-0.004
-0.043	-0.009	-0.017	-0.015
-0.116	-0.014	-0.047	-0.028

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.005	-0.015	0.020	0.038	47004
-0.004	-0.075	0.017	0.010	52912
-0.039	0.003	0.012	0.025	9973

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ chicken	Noun	Alpha	5.07812	1726	1194	Y	88	0	0	0	0.360
+ coffee	Noun	Alpha	5.07812	2037	1194	Y	88	0	0	0	0.003
different	Adj	Alpha	5.09514	1367	1180	Y	90	0	0	0	0.007

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.014	0.024	-0.020	0.116
-0.010	-0.018	-0.005	-0.038
0.025	0.003	0.012	-0.009

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.007	-0.026	0.016	-0.008
0.851	-0.051	-0.033	-0.008
0.012	0.006	0.016	0.023

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.065	0.015	0.060	-0.054
-0.051	-0.017	-0.018	-0.063
0.028	0.014	0.020	0.032

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.022	-0.052	-0.043	0.015
-0.030	0.037	-0.020	-0.021
0.011	-0.005	0.012	0.005

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
-0.084	-0.003	-0.020	0.033
0.061	-0.067	-0.037	-0.006
0.017	0.021	0.009	0.013

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.004	0.035	-0.053	-0.016	47240
0.006	0.000	-0.004	-0.001	44602
0.016	-0.001	-0.001	-0.002	73375

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ meat	Noun	Alpha	5.13104	1562	1151	Y	91	0	0	0	0.082
+ amaze	Verb	Alpha	5.13858	1247	1145	Y	92	0	0	0	-0.005
+ check	Verb	Alpha	5.13858	1304	1145	Y	92	0	0	0	0.012

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.071	-0.019	-0.003	0.018
0.005	-0.010	0.001	-0.007
-0.001	0.062	-0.001	-0.001

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.037	0.052	-0.017	-0.020
-0.007	0.016	-0.022	0.017
0.002	0.018	0.008	0.004

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.095	0.072	0.039	0.225
-0.003	0.013	0.050	0.008
0.002	0.003	0.001	0.021

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
-0.024	0.049	0.000	-0.026
0.013	-0.083	0.005	-0.016
-0.004	-0.009	0.002	0.028

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.016	-0.018	-0.029	-0.050
0.030	0.028	-0.010	0.035
0.011	0.002	0.011	0.024

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.145	-0.034	0.035	-0.039	82547
0.011	-0.012	0.028	0.032	69346
-0.007	-0.003	0.001	0.019	12278



Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ option	Noun	Alpha	5.14110	1347	1143	Y	94	0	0	0	-0.058
+ stop	Verb	Alpha	5.14110	1256	1143	Y	94	0	0	0	-0.014
+ happy	Adj	Alpha	5.15505	1429	1132	Y	96	0	0	0	-0.036

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.017	0.012	0.016	0.083
0.028	-0.011	0.007	0.044
-0.044	-0.019	-0.012	-0.011

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.009	-0.039	0.011	-0.001
0.032	0.013	0.011	0.032
0.004	0.033	-0.006	0.002

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
0.030	0.042	-0.009	0.018
-0.002	0.002	-0.002	0.017
-0.033	0.014	0.020	-0.021

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.020	0.022	0.016	0.005
-0.004	-0.035	-0.015	-0.009
-0.014	-0.005	0.023	-0.025

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.051	0.005	0.007	-0.006
0.024	0.028	-0.009	-0.005
0.002	0.031	0.018	0.484

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.004	-0.025	0.015	0.018	53347
0.001	0.005	-0.002	0.003	90515
0.035	-0.042	0.004	-0.032	82225

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ room	Noun	Alpha	5.20695	1884	1092	Y	97	0	0	0	0.036
awesome	Adj	Alpha	5.20960	1216	1090	Y	98	0	0	0	0.003

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
-0.023	0.594	-0.002	-0.015
-0.008	0.002	-0.003	-0.006

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
-0.021	0.009	0.007	-0.001
0.000	0.024	0.017	0.018

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.008	0.012	0.030	-0.043
-0.017	0.031	0.022	-0.006

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.002	-0.004	0.007	-0.062
-0.014	-0.091	-0.004	0.000

+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.002	0.005	-0.020	0.006
0.018	0.023	0.017	0.017

ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
-0.001	-0.020	-0.013	0.000	22343
-0.010	0.013	0.027	0.061	4549

Term	Role	Attribute	WEIGHT	Freq	# Docs	Keep	Rank for Variable NUMDOCS	abysmal angry banal rude impolite	awful terrible	horrible disgusting worthless too long	+chicken,+order,+food,+sauce,rice
+ return	Verb	Alpha	5.21225	1205	1088	Y	99	0	0	0	0.007
+ cook	Verb	Alpha	5.21623	1292	1085	Y	100	0	0	0	0.077

+time,first,first time,last,+year	+room,+hotel,+stay,+bed,+park	+pizza,+crust,+good,+order,+topping	+salad,+sandwich,+lunch,+soup,+menu
0.015	0.000	-0.005	-0.013
0.006	-0.002	0.009	-0.035

+coffee,+shop,+tea,+cup,+coffee shop	+place,+hair,+nail,+good,+steak	+beer,+selection,+bar,+wine,+patio	+cupcake,+cake,+frosting,+flavor,+cookie
0.006	0.006	-0.008	-0.003
-0.008	0.021	-0.018	-0.006

+dim,+sum,+dish,+dim sum,+menu	+taco,+salsa,+margarita,+chip,+barrio	+cheese,+restaurant,+wine,+dish,+meal	+store,+market,cleveland,+meat,+vendor
-0.007	-0.004	0.036	-0.010
-0.015	-0.015	0.059	0.009

ice,+cream,+ice cream,+flavor,+chocolate	+good,+food,+price,+steak,+service	sushi,+roll,+tea,ginko,+fresh	+car,+park,+lot,+pay,+company
0.000	0.014	0.002	0.026
-0.010	0.050	0.011	-0.009

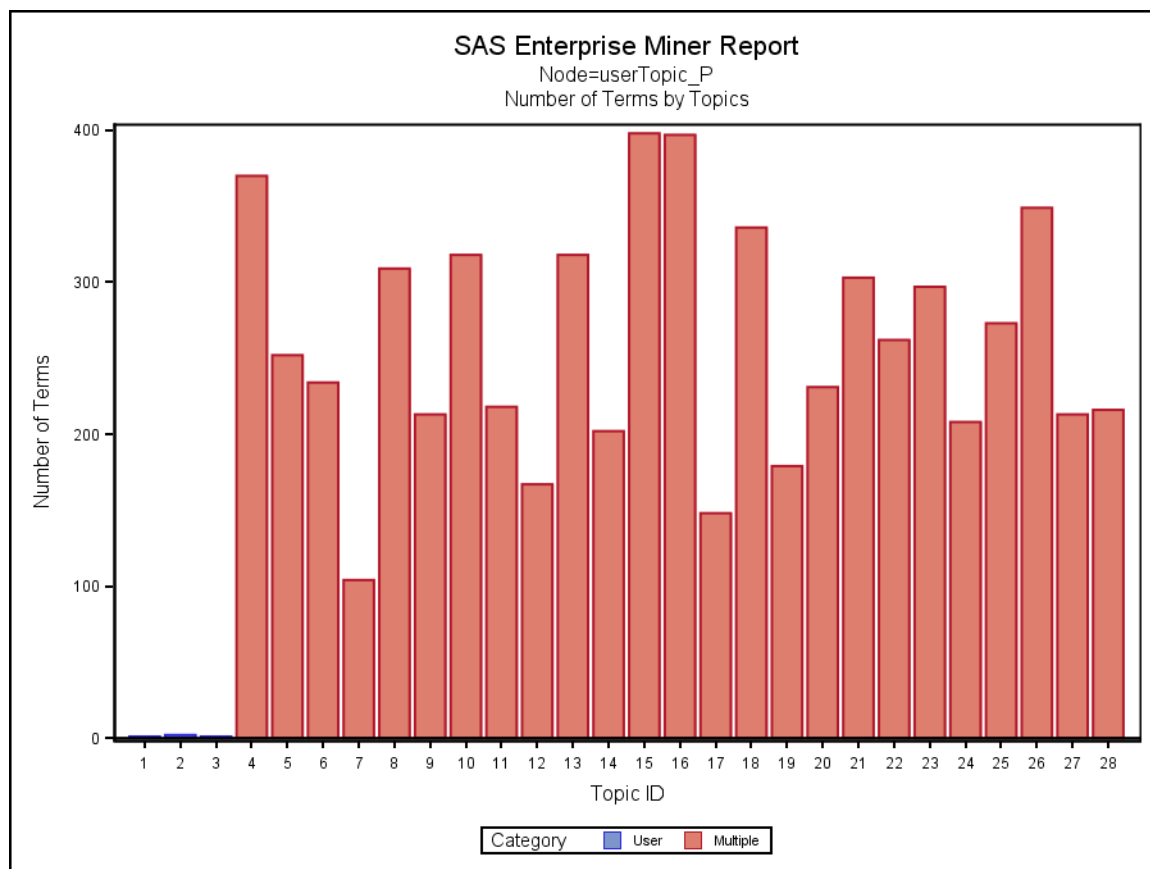
+breakfast,+egg,+brunch,+cheese,+toast	+drink,+bar,+bartender,+cocktail,+friend	+dog,+hot,+vet,+hot dog,+year	+hour,+happy,+happy hour,+food,+price
0.005	0.005	-0.015	0.000
0.023	-0.026	0.007	-0.013

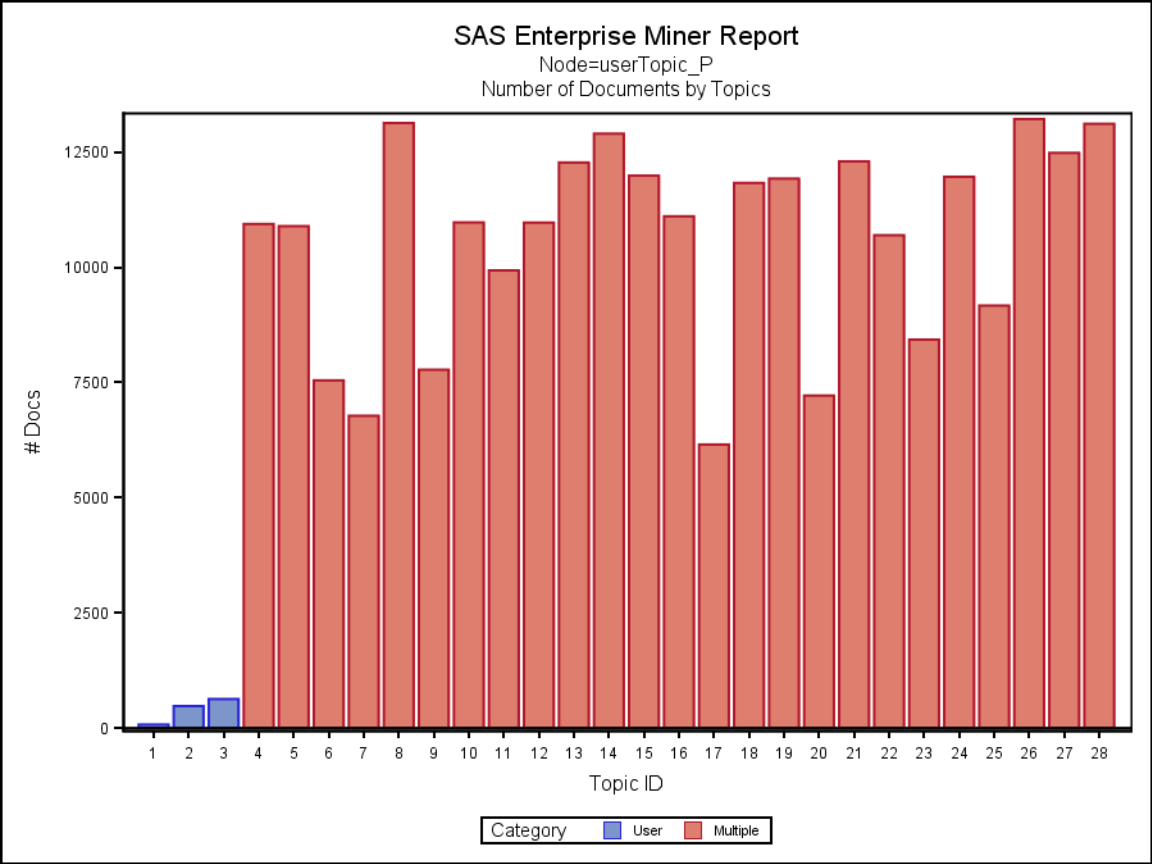
ramen,+noodle,pork,+broth,+soup	+place,+eat,+food,+table,+restaurant	+burger,+order,fries,+cheese,+order	+great,+great place,great service,+great food,+order	_termid
0.007	-0.015	0.012	0.008	9221
0.065	-0.002	0.075	0.010	87277

## Node=userTopic\_P Topics

Category	Topic ID	Document Cutoff	Term Cutoff	Topic	Number of Terms	# Docs
User	1	0.001	0.001	abysmal angry banal rude impolite	1	76
User	2	0.001	0.001	awful terrible	2	477
User	3	0.001	0.001	horrible disgusting worthless too long	1	630
Multiple	4	0.007	0.013	+chicken,+order,+food,+sauce,rice	370	10937
Multiple	5	0.007	0.013	+time,first,first time,last,+year	252	10890
Multiple	6	0.008	0.013	+room,+hotel,+stay,+bed,+park	234	7544
Multiple	7	0.009	0.012	+pizza,+crust,+good,+order,+topping	104	6776
Multiple	8	0.008	0.013	+salad,+sandwich,+lunch,+soup,+menu	309	13128
Multiple	9	0.008	0.013	+coffee,+shop,+tea,+cup,+coffee shop	213	7775
Multiple	10	0.006	0.013	+place,+hair,+nail,+good,+steak	318	10971
Multiple	11	0.007	0.013	+beer,+selection,+bar,+wine,+patio	218	9930
Multiple	12	0.007	0.012	+cupcake,+cake,+frosting,+flavor,+cookie	167	10967
Multiple	13	0.008	0.013	+dim,+sum,+dish,+dim sum,+menu	318	12271

Category	Topic ID	Document Cutoff	Term Cutoff	Topic	Number of Terms	# Docs
Multiple	14	0.007	0.013	+taco,+salsa,+margarita,+chip,+barrio	202	12897
Multiple	15	0.009	0.014	+cheese,+restaurant,+wine,+dish,+meal	398	11986
Multiple	16	0.007	0.014	+store,+market,cleveland,+meat,+vendor	397	11104
Multiple	17	0.007	0.012	ice,+cream,+ice cream,+flavor,+chocolate	148	6152
Multiple	18	0.007	0.014	+good,+food,+price,+steak,+service	336	11828
Multiple	19	0.007	0.013	sushi,+roll,+tea,ginko,+fresh	179	11922
Multiple	20	0.007	0.013	+car,+park,+lot,+pay,+company	231	7214
Multiple	21	0.007	0.013	+breakfast,+egg,+brunch,+cheese,+toast	303	12296
Multiple	22	0.008	0.013	+drink,+bar,+bartender,+cocktail,+friend	262	10694
Multiple	23	0.006	0.013	+dog,+hot,+vet,+hot dog,+year	297	8428
Multiple	24	0.007	0.013	+hour,+happy,+happy hour,+food,+price	208	11962
Multiple	25	0.007	0.013	ramen,+noodle,pork,+broth,+soup	273	9167
Multiple	26	0.008	0.014	+place,+eat,+food,+table,+restaurant	349	13215
Multiple	27	0.007	0.013	+burger,+order,fries,+cheese,+order	213	12480
Multiple	28	0.008	0.013	+great,+great place,great service,+great food,+order	216	13111





## SAS Enterprise Miner Report

### Node=MBR Summary

Node id = MBR  
Node label = MBR  
Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic3 => MBR  
Notes =

### Node=MBR Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	MBR		Method	RDTREE		ShowNodes	N	
Buckets	8		Neighbors	Y		Weighted	Y	
Epsilon	0		NumberOfNeighbors	16				

### Node=MBR Variable Summary

Role	Level	Frequency Count	Name
TARGET	NOMINAL	1	Comments
INPUT	INTERVAL	29	TextTopic3_raw1 TextTopic3_raw10 TextTopic3_raw11 TextTopic3_raw12 TextTopic3_raw13 TextTopic3_raw14 TextTopic3_raw15 TextTopic3_raw16 TextTopic3_raw17 TextTopic3_raw18 TextTopic3_raw19 ... stars
ID	NOMINAL	1	_DOCUMENT_

### Node=MBR Created Variables Summary

Role	Level	Frequency Count	Name
RESIDUAL	INTERVAL	4	R_CommentsExtremelyNegative R_CommentsExtremelyPositive R_CommentsNegative R_CommentsPositive
PREDICT	INTERVAL	4	P_CommentsExtremelyNegative P_CommentsExtremelyPositive P_CommentsNegative P_CommentsPositive
INPUT	INTERVAL	16	_N1 _N10 _N11 _N12 _N13 _N14 _N15 _N16 _N2 _N3 _N4 _N5 _N6 _N7 _N8 _N9
CLASSIFICATION	NOMINAL	3	F_Comments I_Comments U_Comments
ASSESS	NOMINAL	1	_WARN_

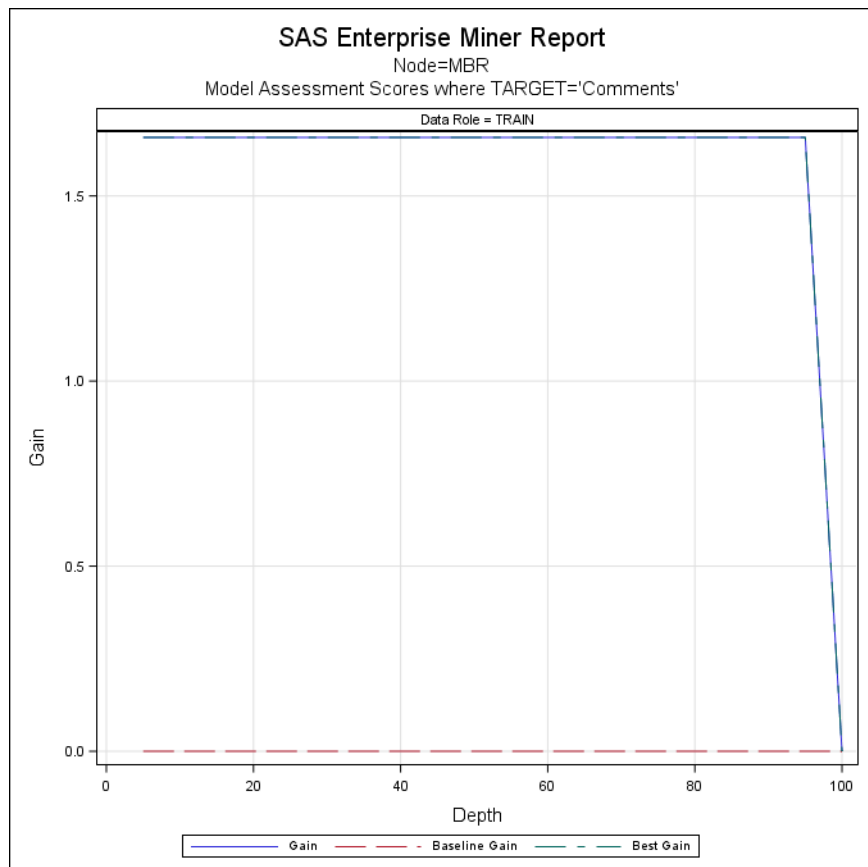
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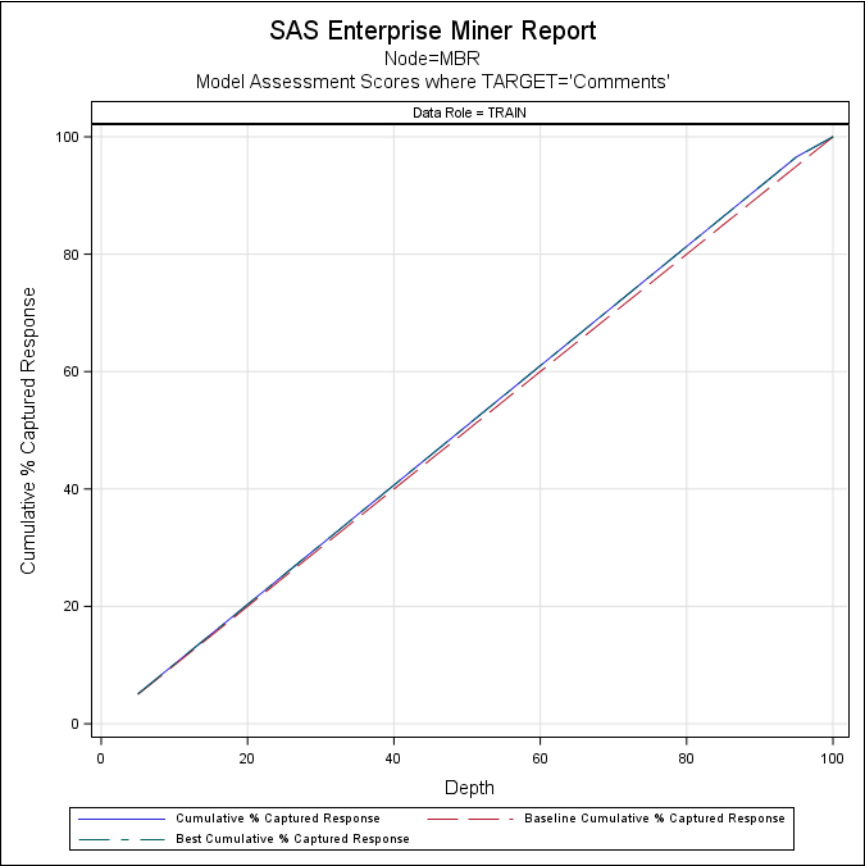
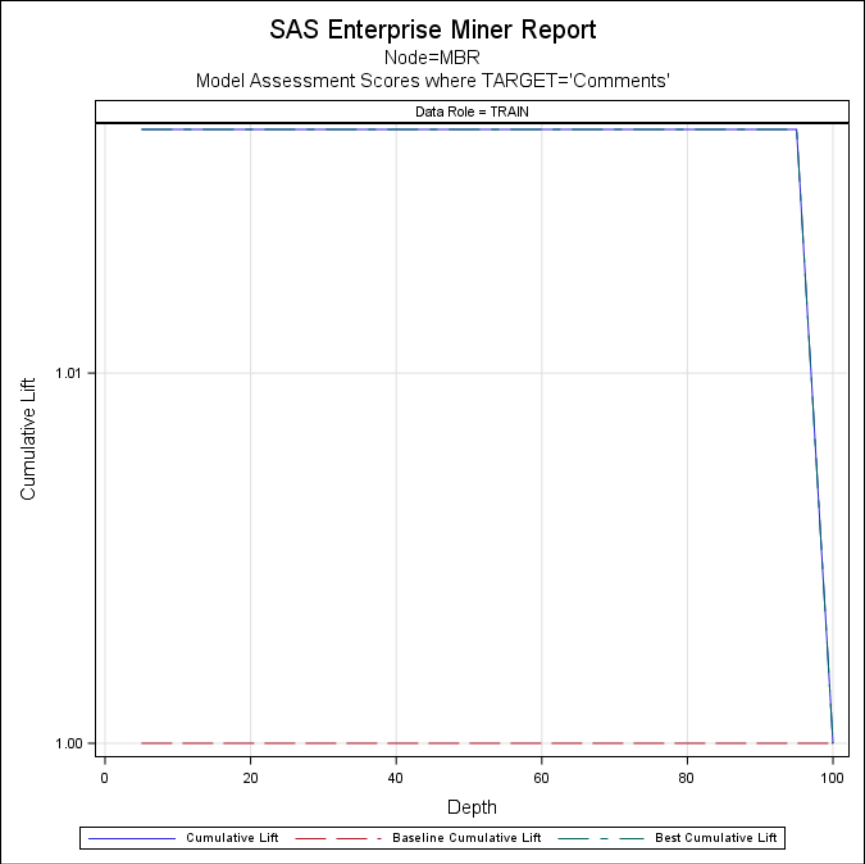
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Label of Statistic	Train	Validation	Test
Number of Estimated Weights	0	.	.
Sum of Frequencies	20175	.	.
Sum of Case Weights Times Freq	80700	.	.
Total Degrees of Freedom	60525	.	.
Model Degrees of Freedom	0	.	.
Degrees of Freedom for Error	60525	.	.
Average Squared Error	0	.	.
Root Average Squared Error	0	.	.
Divisor for ASE	80700	.	.
Sum of Squared Errors	0	.	.
Mean Squared Error	0	.	.

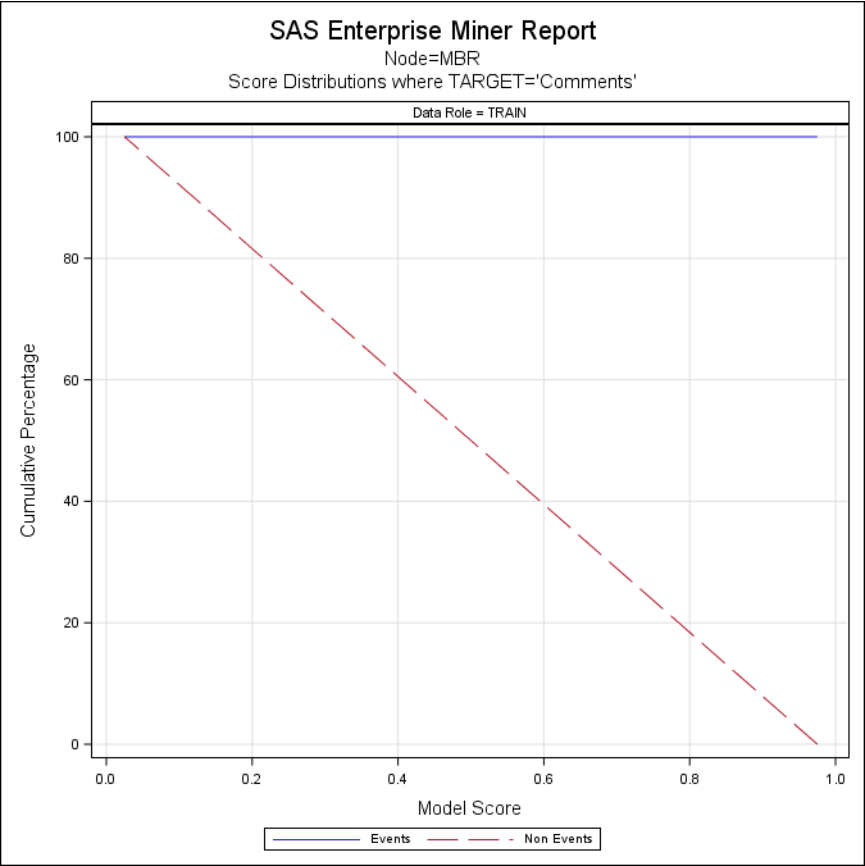
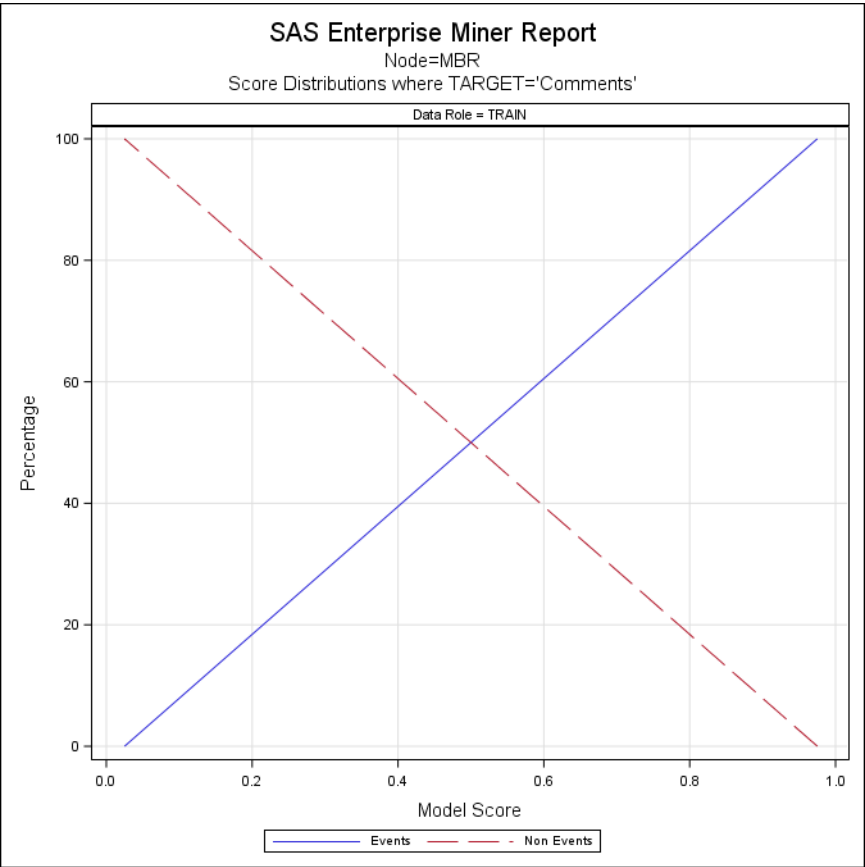
Target=Comments Target Label=''

Label of Statistic	Train	Validation	Test
Root Mean Squared Error	0	.	.
Average Error Function	0	.	.
Error Function	0	.	.
Maximum Absolute Error	0	.	.
Final Prediction Error	0	.	.
Root Final Prediction Error	0	.	.
Misclassification Rate	0	.	.
Number of Wrong Classifications	0	.	.









Target Variable=Comments Data Role=TRAIN

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	983690	100	0	100	0
0.00-0.05	0	0	100	100	100

SAS Enterprise Miner Report

Node=Decision Tree  
Summary

Node id = Tree  
Node label = Decision Tree  
Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic3 => Tree  
Notes =

Node=Decision Tree  
Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	DecisionTree		Kass	Y		Pred	N	
AVG	Y		KassApply	BEFORE		Predict	Y	
AssessMeasure	PROFIT/LOSS		LeafSize	5		ProfitLoss	NONE	
AssessPercentage	0.25		Leafid	Y		RASE	N	
CV	N		Maxbranch	2		SampleMethod	RANDOM	
CVNlter	10		Maxdepth	6		SampleSeed	12345	
CVRepeat	1		MinCatSize	5		SampleSize	10000	
CVSeed	12345		MissingValue	USEINSEARCH		ShowNodeId	Y	
ClassColorBy	PERCENTCORRECT		NSubtree	1		ShowValid	Y	
Count	Y		NodeRole	SEGMENT		SigLevel	0.2	
CreateSample	DEFAULT		NodeSample	20000		SplitPrecision	4	
Criterion	DEFAULT		NominalCriterion	PROBCHISQ		Splitsize	.	
Depth	Y		Nrules	5		Subtree	ASSESSMENT	
Dummy	N		Nsurrs	0		Target	ALL	
Exhaustive	5000		NumInputs	1		ToolType	MODEL	
Freeze	N		NumSingleImp	5		TrainMode	BATCH	
ImportModel	N		ObsImportance	N		UseDecision	N	
ImportedTreeData			OrdinalCriterion	ENTROPY		UseMultipleTarget	N	
Inputs	N		PercentCorrect	N		UsePriors	N	
IntColorBy	AVG		Performance	DISK		UseVarOnce	N	
IntervalCriterion	PROBF		Precision	4		VarSelection	Y	

Node=Decision Tree  
Variable Summary

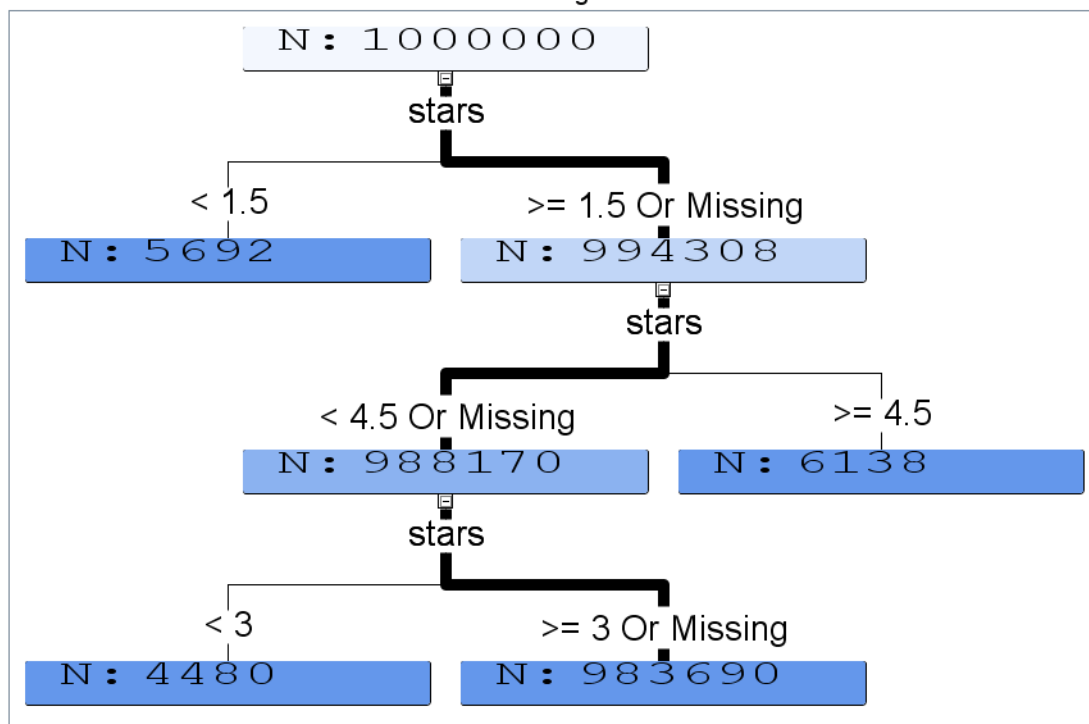
Role	Level	Frequency Count	Name
TEXT	NOMINAL	1	text
TARGET	NOMINAL	1	Comments
SEGMENT	BINARY	28	TextTopic3_1 TextTopic3_10 TextTopic3_11 TextTopic3_12 TextTopic3_13 TextTopic3_14 TextTopic3_15 TextTopic3_16 TextTopic3_17 TextTopic3_18 TextTopic3_19 TextTopic3_2 TextTopic3_20 TextTopic3_21 ...
INPUT	INTERVAL	29	TextTopic3_raw1 TextTopic3_raw10 TextTopic3_raw11 TextTopic3_raw12 TextTopic3_raw13 TextTopic3_raw14 TextTopic3_raw15 TextTopic3_raw16 TextTopic3_raw17 TextTopic3_raw18 TextTopic3_raw19 ... stars
ID	NOMINAL	2	_DOCUMENT_ userid

Node=Decision Tree  
Model Fit Statistics

Target=Comments Target Label=''

Label of Statistic	Train	Validation	Test
Sum of Frequencies	1000000	.	.
Misclassification Rate	0	.	.
Maximum Absolute Error	0	.	.
Sum of Squared Errors	0	.	.
Average Squared Error	0	.	.
Root Average Squared Error	0	.	.
Divisor for ASE	4000000	.	.
Total Degrees of Freedom	3000000	.	.

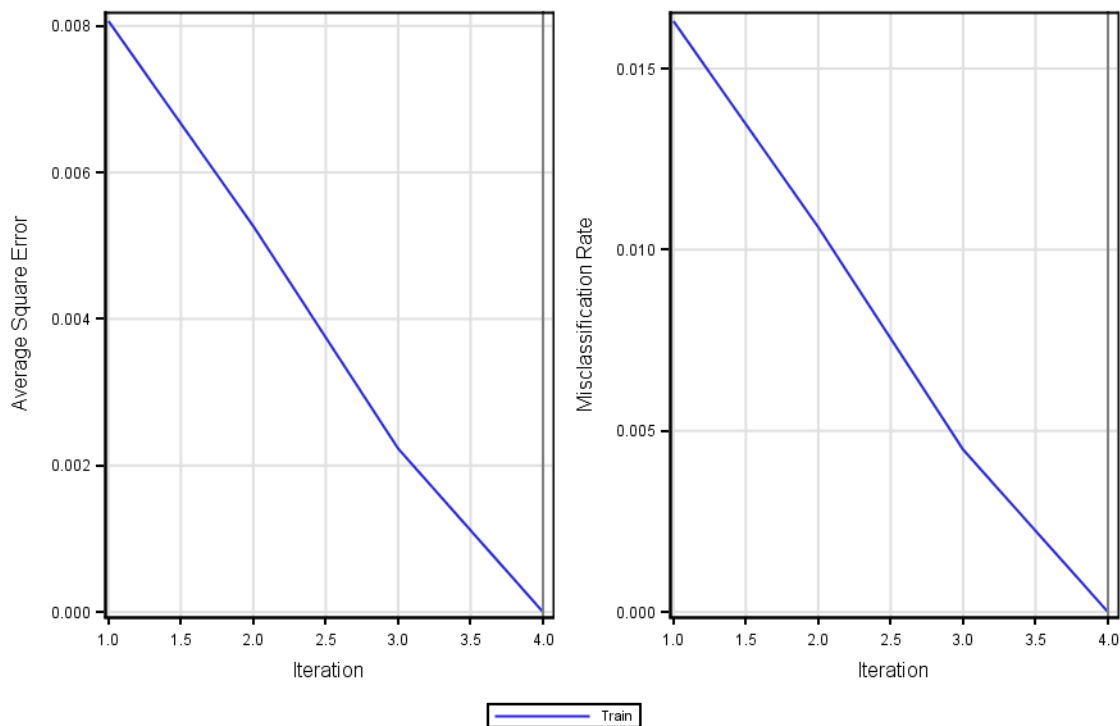
SAS Enterprise Miner Report  
Node=Decision Tree  
Tree Diagram

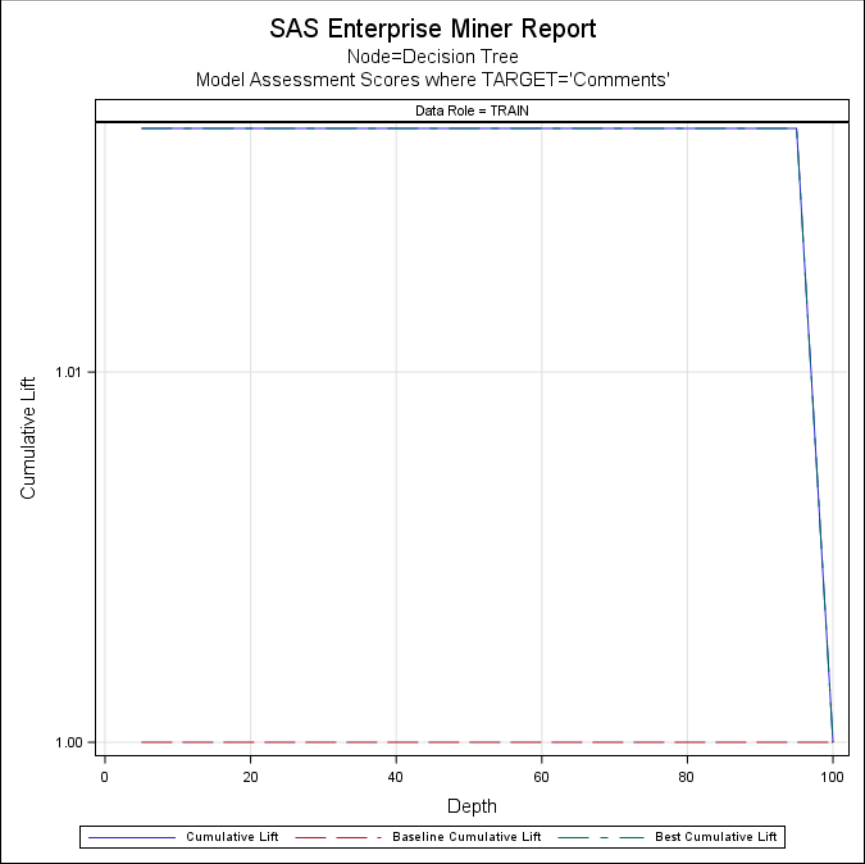
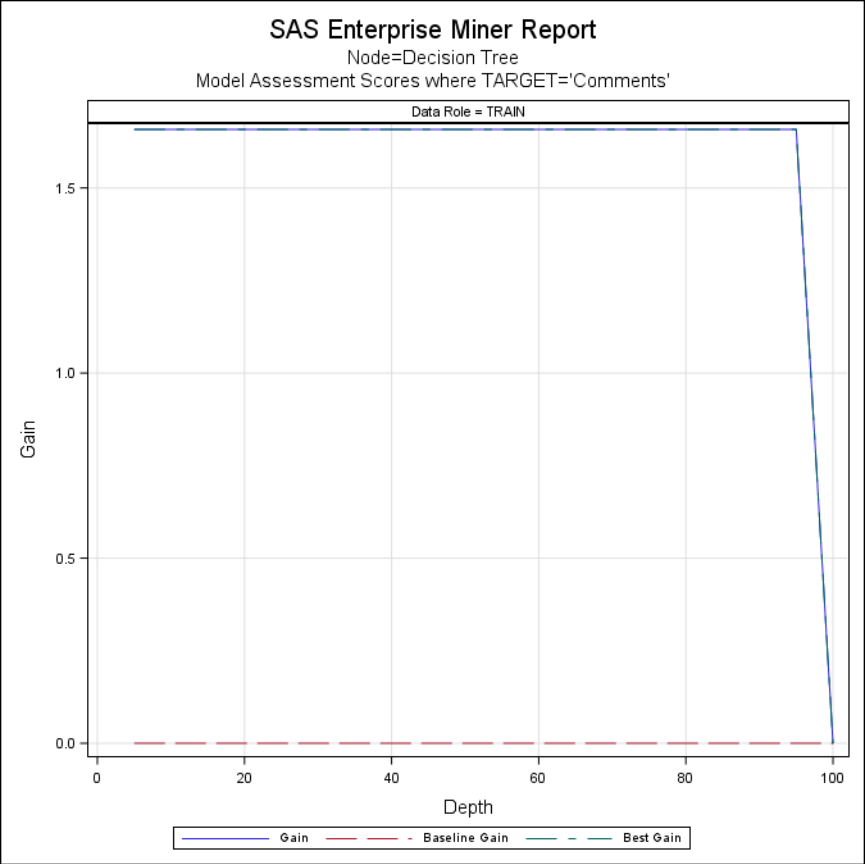


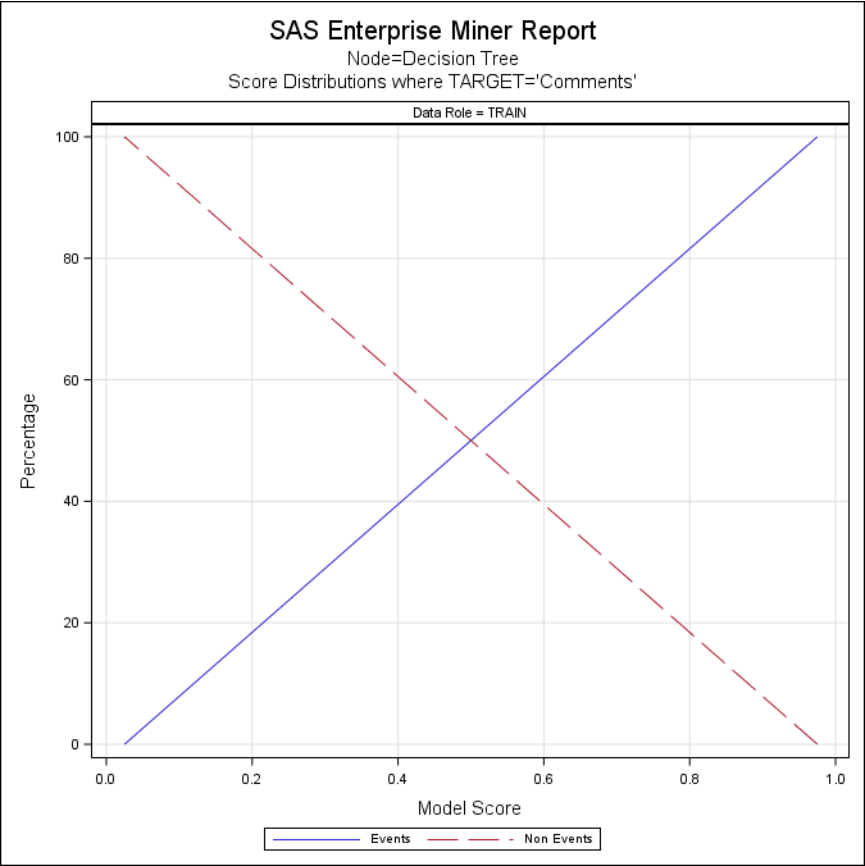
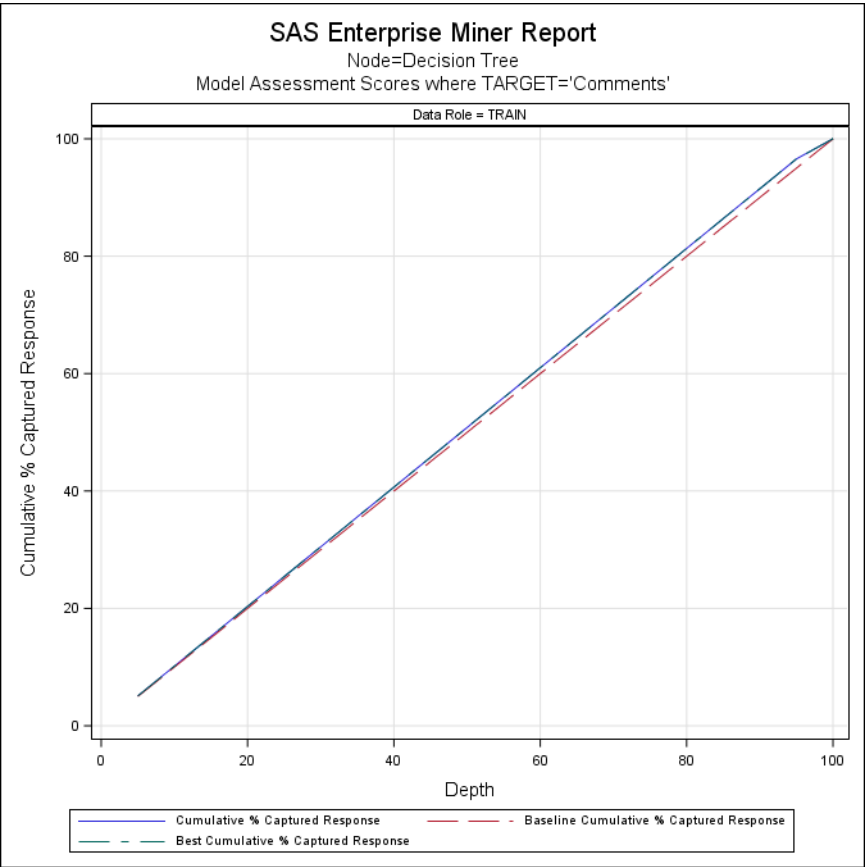
SAS Enterprise Miner Report  
Node=Decision Tree  
Treemap

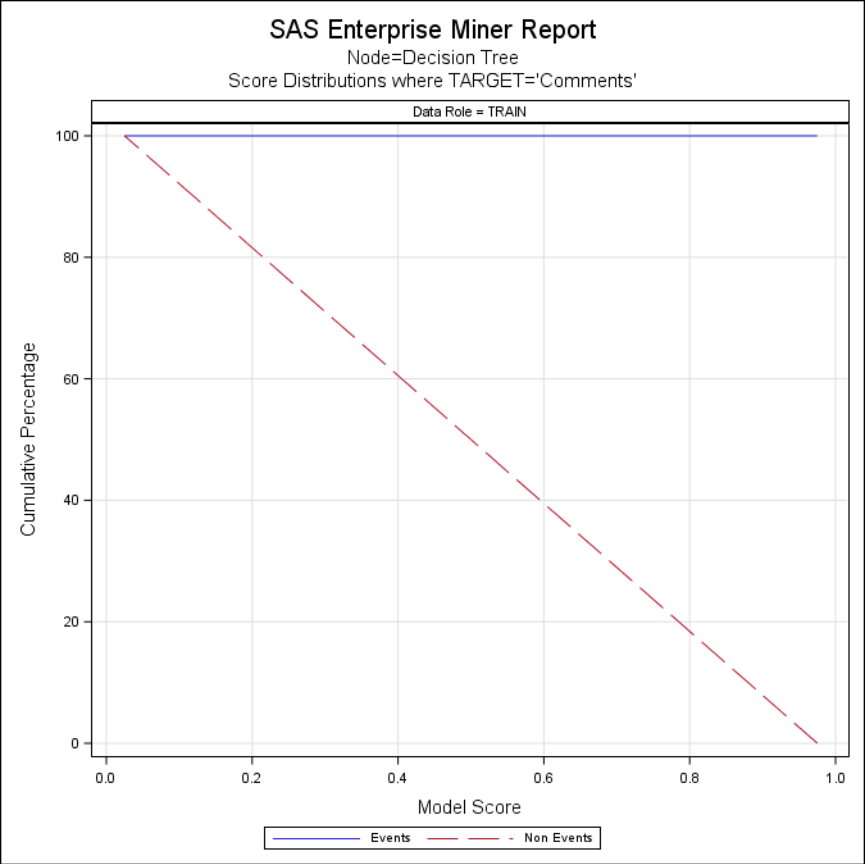


SAS Enterprise Miner Report  
Node=Decision Tree  
Model Iteration Plots









Node=Decision Tree

Score Distributions

Target Variable=Comments Data Role=TRAIN

Posterior Probability Range	Number of Events	Percentage of Events	Percentage of Nonevents	Cumulative Percentage of Events	Cumulative Percentage of Nonevents
0.95-1.00	983690	100	0	100	0
0.00-0.05	0	0	100	100	100



## SAS Enterprise Miner Report

### Node=Score (2) Summary

Node id = Score2  
 Node label = Score (2)  
 Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic3 => MBR => Score2  
 Notes =

### Node=Score (2) Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	Score		HideInput	Y		JScore	N	
CScore	N		HideOther	Y		OptimizedCode	Y	
FixedOutputNames	Y		HidePredict	Y		OutputType	VIEW	
GraphReports	Y		HideRejected	Y		PackageName	DEFAULT	
HideAssess	Y		HideResidual	Y		PreferenceName		
HideClassification	Y		HideTarget	Y		ScoreTest	N	
HideFreq	Y		HideVariables	N		ScoreValidate	N	

### Node=Score (2) Variable Summary

Role	Level	Frequency Count	Name
TARGET	NOMINAL	1	Comments
SEGMENT	BINARY	1	TextTopic3_1

### Node=Score (2) Output Variables

Variable Name	Creator	Variable Label	Function	Type
EM_CLASSIFICATION	Score2	Prediction for Comments	CLASSIFICATION	C
EM_CLASSTARGET	Score2	Target Variable: Comments	ASSESS	C
EM_EVENTPROBABILITY	Score2	Probability for level POSITIVE of Comments	PREDICT	N
EM_PROBABILITY	Score2	Probability of Classification	PREDICT	N
EM_SEGMENT	Score2	_1_0_abysmal angry banal rude impolite	TRANSFORM	N
F_Comments	MBR	From: Comments	CLASSIFICATION	C
I_Comments	MBR	Into: Comments	CLASSIFICATION	C
P_CommentsExtremelyNegative	MBR	Predicted: Comments=ExtremelyNegative	PREDICT	N
P_CommentsExtremelyPositive	MBR	Predicted: Comments=ExtremelyPositive	PREDICT	N
P_CommentsNegative	MBR	Predicted: Comments=Negative	PREDICT	N
P_CommentsPositive	MBR	Predicted: Comments=Positive	PREDICT	N
R_CommentsExtremelyNegative	MBR	Residual: Comments=ExtremelyNegative	RESIDUAL	N
R_CommentsExtremelyPositive	MBR	Residual: Comments=ExtremelyPositive	RESIDUAL	N
R_CommentsNegative	MBR	Residual: Comments=Negative	RESIDUAL	N
R_CommentsPositive	MBR	Residual: Comments=Positive	RESIDUAL	N
TextTopic3_1	TextTopic3	_1_0_abysmal angry banal rude impolite	TRANSFORM	N
TextTopic3_10	TextTopic3	_1_0_+place,+hair,+nail,+good,+steak	TRANSFORM	N
TextTopic3_11	TextTopic3	_1_0_+beer,+selection,+bar,+wine,+patio	TRANSFORM	N
TextTopic3_12	TextTopic3	_1_0_+cupcake,+cake,+frosting,+flavor,+cookie	TRANSFORM	N

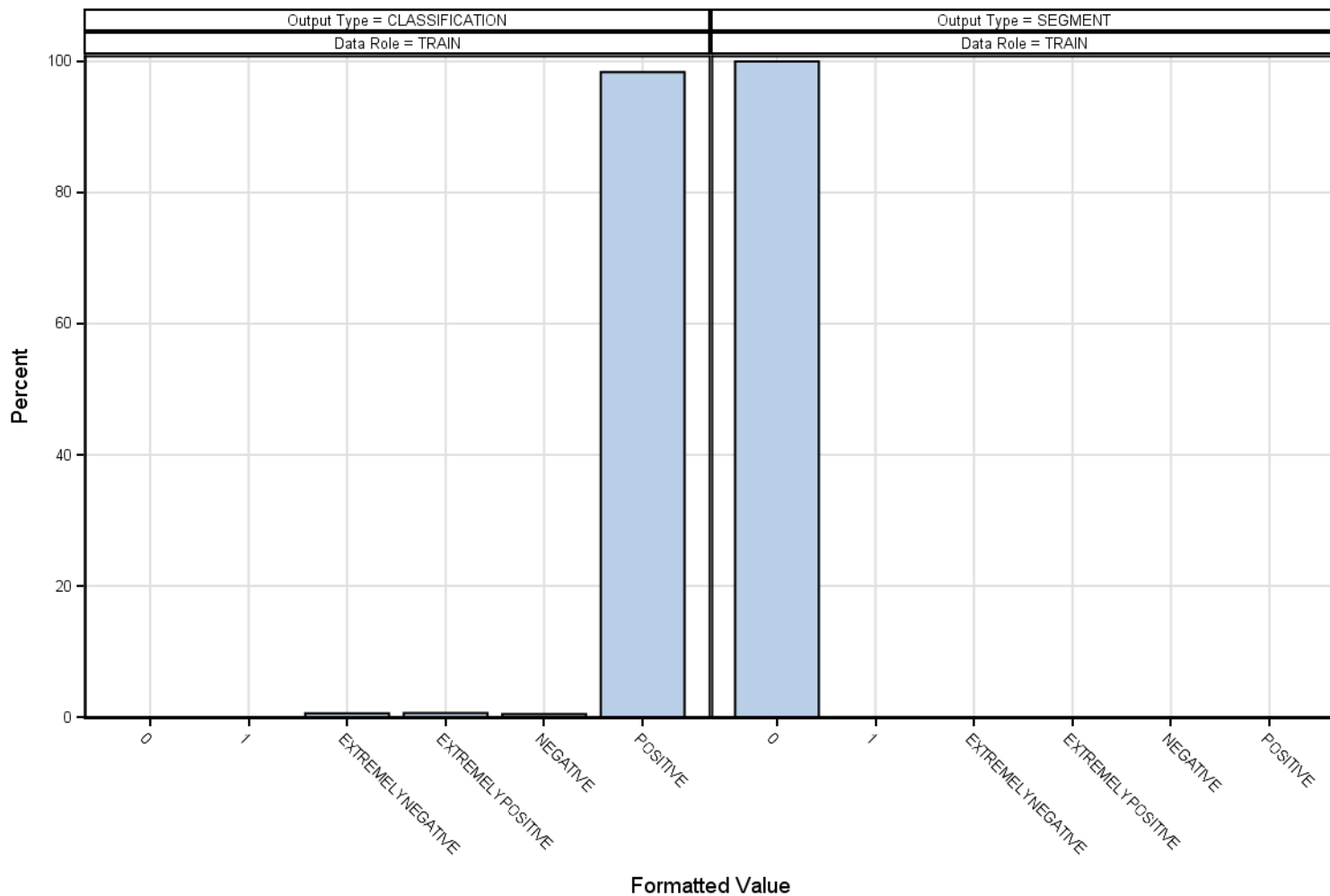
Variable Name	Creator	Variable Label	Function	Type
TextTopic3_13	TextTopic3	_1_0_+dim,+sum,+dish,+dim sum,+menu	TRANSFORM	N
TextTopic3_14	TextTopic3	_1_0_+taco,+salsa,+margarita,+chip,+barrio	TRANSFORM	N
TextTopic3_15	TextTopic3	_1_0_+cheese,+restaurant,+wine,+dish,+meal	TRANSFORM	N
TextTopic3_16	TextTopic3	_1_0_+store,+market,cleveland,+meat,+vendor	TRANSFORM	N
TextTopic3_17	TextTopic3	_1_0_ice,+cream,+ice cream,+flavor,+chocolate	TRANSFORM	N
TextTopic3_18	TextTopic3	_1_0_+good,+food,+price,+steak,+service	TRANSFORM	N
TextTopic3_19	TextTopic3	_1_0_sushi,+roll,+tea,ginko,+fresh	TRANSFORM	N
TextTopic3_2	TextTopic3	_1_0_awful terrible	TRANSFORM	N
TextTopic3_20	TextTopic3	_1_0_+car,+park,+lot,+pay,+company	TRANSFORM	N
TextTopic3_21	TextTopic3	_1_0_+breakfast,+egg,+brunch,+cheese,+toast	TRANSFORM	N
TextTopic3_22	TextTopic3	_1_0_+drink,+bar,+bartender,+cocktail,+friend	TRANSFORM	N
TextTopic3_23	TextTopic3	_1_0_+dog,+hot,+vet,+hot dog,+year	TRANSFORM	N
TextTopic3_24	TextTopic3	_1_0_+hour,+happy,+happy hour,+food,+price	TRANSFORM	N
TextTopic3_25	TextTopic3	_1_0_ramen,+noodle,pork,+broth,+soup	TRANSFORM	N
TextTopic3_26	TextTopic3	_1_0_+place,+eat,+food,+table,+restaurant	TRANSFORM	N
TextTopic3_27	TextTopic3	_1_0_+burger,+order,fries,+cheese,+order	TRANSFORM	N
TextTopic3_28	TextTopic3	_1_0_+great,+great place,great service,+great food,+order	TRANSFORM	N
TextTopic3_3	TextTopic3	_1_0_horrible disgusting worthless too long	TRANSFORM	N
TextTopic3_4	TextTopic3	_1_0_+chicken,+order,+food,+sauce,rice	TRANSFORM	N
TextTopic3_5	TextTopic3	_1_0_+time,first,first time,last,+year	TRANSFORM	N
TextTopic3_6	TextTopic3	_1_0_+room,+hotel,+stay,+bed,+park	TRANSFORM	N
TextTopic3_7	TextTopic3	_1_0_+pizza,+crust,+good,+order,+topping	TRANSFORM	N
TextTopic3_8	TextTopic3	_1_0_+salad,+sandwich,+lunch,+soup,+menu	TRANSFORM	N
TextTopic3_9	TextTopic3	_1_0_+coffee,+shop,+tea,+cup,+coffee shop	TRANSFORM	N
TextTopic3_raw1	TextTopic3	abysmal angry banal rude impolite	TRANSFORM	N
TextTopic3_raw10	TextTopic3	+place,+hair,+nail,+good,+steak	TRANSFORM	N
TextTopic3_raw11	TextTopic3	+beer,+selection,+bar,+wine,+patio	TRANSFORM	N
TextTopic3_raw12	TextTopic3	+cupcake,+cake,+frosting,+flavor,+cookie	TRANSFORM	N
TextTopic3_raw13	TextTopic3	+dim,+sum,+dish,+dim sum,+menu	TRANSFORM	N
TextTopic3_raw14	TextTopic3	+taco,+salsa,+margarita,+chip,+barrio	TRANSFORM	N
TextTopic3_raw15	TextTopic3	+cheese,+restaurant,+wine,+dish,+meal	TRANSFORM	N
TextTopic3_raw16	TextTopic3	+store,+market,cleveland,+meat,+vendor	TRANSFORM	N
TextTopic3_raw17	TextTopic3	ice,+cream,+ice cream,+flavor,+chocolate	TRANSFORM	N
TextTopic3_raw18	TextTopic3	+good,+food,+price,+steak,+service	TRANSFORM	N
TextTopic3_raw19	TextTopic3	sushi,+roll,+tea,ginko,+fresh	TRANSFORM	N
TextTopic3_raw2	TextTopic3	awful terrible	TRANSFORM	N
TextTopic3_raw20	TextTopic3	+car,+park,+lot,+pay,+company	TRANSFORM	N
TextTopic3_raw21	TextTopic3	+breakfast,+egg,+brunch,+cheese,+toast	TRANSFORM	N
TextTopic3_raw22	TextTopic3	+drink,+bar,+bartender,+cocktail,+friend	TRANSFORM	N
TextTopic3_raw23	TextTopic3	+dog,+hot,+vet,+hot dog,+year	TRANSFORM	N
TextTopic3_raw24	TextTopic3	+hour,+happy,+happy hour,+food,+price	TRANSFORM	N
TextTopic3_raw25	TextTopic3	ramen,+noodle,pork,+broth,+soup	TRANSFORM	N
TextTopic3_raw26	TextTopic3	+place,+eat,+food,+table,+restaurant	TRANSFORM	N
TextTopic3_raw27	TextTopic3	+burger,+order,fries,+cheese,+order	TRANSFORM	N
TextTopic3_raw28	TextTopic3	+great,+great place,great service,+great food,+order	TRANSFORM	N
TextTopic3_raw3	TextTopic3	horrible disgusting worthless too long	TRANSFORM	N
TextTopic3_raw4	TextTopic3	+chicken,+order,+food,+sauce,rice	TRANSFORM	N
TextTopic3_raw5	TextTopic3	+time,first,first time,last,+year	TRANSFORM	N
TextTopic3_raw6	TextTopic3	+room,+hotel,+stay,+bed,+park	TRANSFORM	N
TextTopic3_raw7	TextTopic3	+pizza,+crust,+good,+order,+topping	TRANSFORM	N
TextTopic3_raw8	TextTopic3	+salad,+sandwich,+lunch,+soup,+menu	TRANSFORM	N
TextTopic3_raw9	TextTopic3	+coffee,+shop,+tea,+cup,+coffee shop	TRANSFORM	N

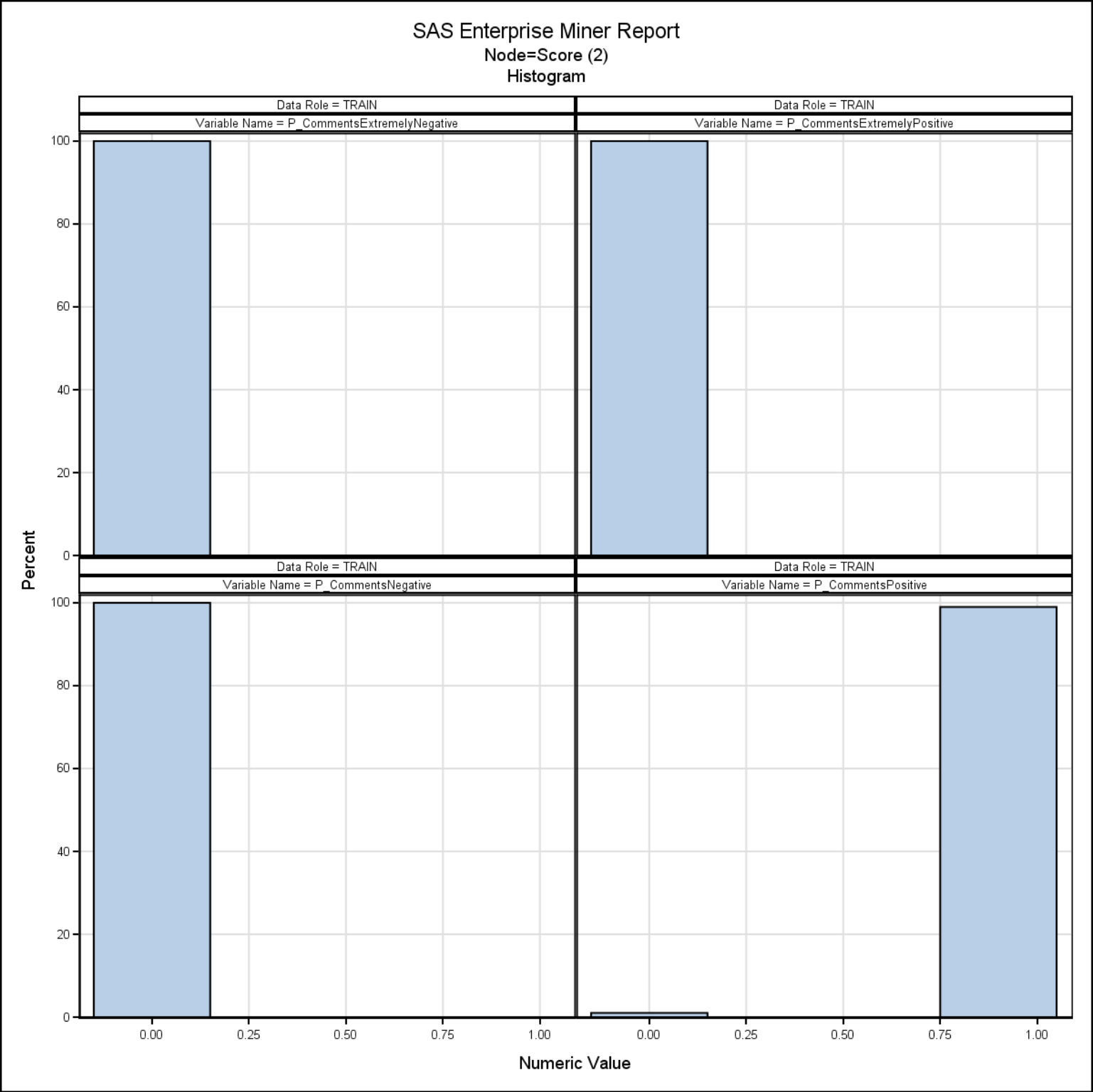
Variable Name	Creator	Variable Label	Function	Type
U_Comments	MBR	Unnormalized Into: Comments	CLASSIFICATION	C
_DOCUMENT_	TextTopic3	Document	TRANSFORM	N
_N1	MBR	Nearest neighbor	TRANSFORM	N
_N10	MBR	Nearest neighbor	TRANSFORM	N
_N11	MBR	Nearest neighbor	TRANSFORM	N
_N12	MBR	Nearest neighbor	TRANSFORM	N
_N13	MBR	Nearest neighbor	TRANSFORM	N
_N14	MBR	Nearest neighbor	TRANSFORM	N
_N15	MBR	Nearest neighbor	TRANSFORM	N
_N16	MBR	Nearest neighbor	TRANSFORM	N
_N2	MBR	Nearest neighbor	TRANSFORM	N
_N3	MBR	Nearest neighbor	TRANSFORM	N
_N4	MBR	Nearest neighbor	TRANSFORM	N
_N5	MBR	Nearest neighbor	TRANSFORM	N
_N6	MBR	Nearest neighbor	TRANSFORM	N
_N7	MBR	Nearest neighbor	TRANSFORM	N
_N8	MBR	Nearest neighbor	TRANSFORM	N
_N9	MBR	Nearest neighbor	TRANSFORM	N
_WARN_	MBR	Warnings	ASSESS	C

## SAS Enterprise Miner Report

Node=Score (2)

Bar Chart





## SAS Enterprise Miner Report

### Node=Model Comparison Summary

Node id = MdlComp  
 Node label = Model Comparison  
 Meta path = Ids => GrfExpl => TextParsing => TextFilter => TextTopic3 => MBR => MdlComp  
 Notes =

### Node=Model Comparison Properties

Property	Value	Default	Property	Value	Default	Property	Value	Default
Component	ModelCompare		NormalizeReportingVariables	Y		ScoreDistBin	20	
AssessAllTargetLevels	N		NumberOfReportedLevels	1E-6		SelectionCriteria	DEFAULT	
DecileBin	20		NumberOfBins	20		SelectionData	DEFAULT	
HPCriteria	DEFAULT		ProfitEpsilon	1E-6		SelectionDepth	10	
LiftEpsilon	1E-6		RecomputeAssess	N		SelectionTable	TRAIN	TABLE
ModelCriteria	Train: Misclassification Rate		RocChart	Y		StatisticUsed	_MISC_	
ModelDescription	MBR		RocEpsilon	0.01		TargetLabel		
ModelId	MBR		RoiEpsilon	1E-6		TargetName	Comments	

### Node=Model Comparison Variable Summary

Role	Level	Frequency Count	Name
TARGET	NOMINAL	1	Comments

### Node=Model Comparison Fit Statistics Table

Selected Model	Predecessor Node	Model Node	Model Description	Target Variable	Target Label	Selection Criterion: Train: Misclassification Rate	Train: Average Squared Error	Train: Misclassification Rate	Train: Kolmogorov-Smirnov Statistic	Train: Roc Index	Train: Gini Coefficient
Y	MBR	MBR	MBR	Comments		0	0	0	1	1	1
	Tree	Tree	Decision Tree	Comments		0	0	0	1	1	1

