Phase: Check signatures (stem/suffix edge)

NULL.s

Attorney	Club	Communist	District	
Island	Legislature	Liberal	Minister	Question
Representative	Robert	William	account	action
administrator	affair	agreement	alternative	amount
apartment	appointment	arrest	attorney	ballot
banker	begin	benefit	builder	building
candidate	choice	college	committee	conservative
consultation	contractor	corporation	correspondent	course
decision	delegation	department	development	direction
director	disclosure	discussion	district	doctor
dollar	effort	election	expense	expire
eye	figure	gift	goal	good
ground	happen	hearing	highway	hold
home	hospital	hotel	hundred	independent
individual	influence	intention	interview	investigation
item	justice	legislator	letter	line
loyalist	matter	meeting	member	method
million	minute	neutralist	observer	offense
official	opinion	other	owner	pedestrian
people	permit	petition	pledge	portion
position	precinct	principal	problem	procedure
professor	program	project	proposal	purpose
radio	recipient	recommendation	reform	report
representation	representative	requirement	result	retirement
revenue	revision	right	road	saving
scholarship	scholastic	senator	service	session
setback	signature	speaker	stand	statement
student	system	thousand	threat	toward
trend	truth	type	vehicle	violation
warden	week			

Number of letters	Entropy	Resolution?
1	3.10536	Entropy too large

's.NULL

Administration	Authority	Barnard	Berger	
Berry	Byrd	Caldwell	Canada	Commissioner
Controller	Cotten	Council	Daniel	Department
Eisenhower	Formby	Georgia	Gerosa	Gladden
Jersey	Kennedy	Meyner	Mississippi	Monday
Nugent	Party	Phouma	Portland	Rayburn
Saturday	Women	administration	alliance	another
association	children	council	denomination	governor
leader	master	mayor	ordinary	organization
panel	secretary	union	wife	women
yesterday				

Number of letters	Entropy	Resolution?
1	2.79071	Entropy too large

NULL.ly

Certain	absolute	annual	apparent	
certain	constant	current	entire	equal
general	immediate	like	main	mental
most	near	order	original	over
personal	previous	private	quick	rapid
repeated	unanimous	unlike	usual	

Number of letters	Entropy	Resolution?
1	2.78339	Entropy too large

NULL.ed

absorb	assign	assist	avoid	
back	comment	concern	conduct	confirm
defeat	discredit	dismiss	insist	join
kill	limit	protect	pull	regard
restrain	sound	sponsor	suit	support
toss	want			

Number of letters	Entropy	Resolution?
1	2.59242	Entropy too large

NULL.ing

address	bomb	border	brief	
campaign	combat	counsel	enter	follow
gain	lack	march	perform	strengthen
teach	trust	understand	wait	will

Number of letters	Entropy	Resolution?
1	3.43162	Entropy too large

NULL.ed.s

credit	demand	draft	expect	
explain	power	record	repair	subject
succeed	water			

Number of letters	Entropy	Resolution?
1	1.86763	Entropy too large

NULL.ed.ing

accept	cover	honor	interest
learn	obtain	return	review

Number of letters	Entropy	Resolution?
1	1.90564	Entropy too large

NULL.ed.ing.s

appear	look	point	question
talk	view		

Number of letters	Entropy	Resolution?
1	2.25163	Entropy too large

ed.ion

compensat	constitut	creat	dedicat
discuss	dominat	re-elect	reelect	reject
suggest			

Number of letters	Entropy	Resolution?
1	0.468996	Entropy sufficiently small
2	2.04644	Entropy too large

Description length of current signature

Affix	Use count	Pointer to this affix
ed	89	3.52989
ion	27	5.25074

Part 1: Length of pointer to affixes	8.78063
Part 2: Prorated responsibility for phonology of affixes:	6.27899
Part 3: Stem pointers to this sig:	56.837
Length of 1 pointer to this sig:	5.6837
Total	71.8966

Conjectured signature: ted.tion

We now shift the piece t

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
ted	2	12	6.42066	11.7511	18.1718
tion	3	13	6.30518	14.4629	20.7681
Total			12.7258	26.214	38.9398

Current stem	Proposed stem	Savings from preexisting stem
compensat	compensa	none (did not exist)
constitut	constitu	none (did not exist)
creat	crea	none (did not exist)
dedicat	dedica	none (did not exist)
dominat	domina	none (did not exist)
re-elect	re-elec	none (did not exist)
reelect	reelec	none (did not exist)
reject	rejec	none (did not exist)
suggest	sugges	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	12.7258
Part 2: Prorated responsibility for phonology of affixes:	26.214
Part 3: Stem pointers to this sig:	52.5213
Length of 1 pointer to this sig:	5.6837
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	42.304
Total DL:	49.1572

Conjectured signature: sed.sion

We now shift the piece s

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
sed	0	10	6.6837	14.1013	20.785
sion	3	13	6.30518	14.4629	20.7681
Total			12.9889	28.5642	41.5531

Current stem	Proposed stem	Savings from preexisting stem
discuss	discus	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	12.9889
Part 2: Prorated responsibility for phonology of affixes:	28.5642
Part 3: Stem pointers to this sig:	9.00562
Length of 1 pointer to this sig:	5.6837
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	4.70044
Total DL:	45.8583

If we add 1 letters, total TD is 95.0155 ******

ed.ion: Conclusion: Keep original signature.

ies.y

Assembl	communit	deput	famil
majorit	societ	territor	utilit	vacanc
victor			

Number of letters	Entropy	Resolution?
1	1.76096	Entropy too large

on.ve

Administrati	co-operati	expansi	explosi
impressi	positi	recepti	representati

Number of letters	Entropy	Resolution?
1	0	Entropy sufficiently small
2	0.954434	Entropy sufficiently small
3	2.40564	Entropy too large

Description length of current signature

Affix	Use count	Pointer to this affix
on	8	7.00562
ve	8	7.00562

Part 1: Length of pointer to affixes	14.0112
Part 2: Prorated responsibility for phonology of affixes:	18.8018
Part 3: Stem pointers to this sig:	48.045
Length of 1 pointer to this sig:	6.00562
Total	80.858

Conjectured signature: tion.tive

We now shift the piece ti

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
tion	3	11	6.54619	13.674	20.2202
tive	0	8	7.00562	18.8018	25.8074
Total			13.5518	32.4758	46.0276

Current stem	Proposed stem	Savings from preexisting stem
Administrati	Administra	none (did not exist)
co-operati	co-opera	none (did not exist)
positi	posi	none (did not exist)
recepti	recep	none (did not exist)
representati	representa	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	13.5518
Part 2: Prorated responsibility for phonology of affixes:	32.4758
Part 3: Stem pointers to this sig:	33.4185
Length of 1 pointer to this sig:	6.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	47.0044
Total DL:	32.4417

Conjectured signature: sion.sive

We now shift the piece si

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
sion	3	11	6.54619	13.674	20.2202
sive	0	8	7.00562	18.8018	25.8074
Total			13.5518	32.4758	46.0276

Current stem	Proposed stem	Savings from preexisting stem
expansi	expan	none (did not exist)
explosi	explo	none (did not exist)
impressi	impres	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	13.5518
Part 2: Prorated responsibility for phonology of affixes:	32.4758
Part 3: Stem pointers to this sig:	22.262
Length of 1 pointer to this sig:	6.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	28.2026
Total DL:	40.0869

If we add 2 letters, total TD is 72.5286 ******

Conjectured signature: ion.ive ▉

We now shift the piece i

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
ion	27	35	4.87634	3.22316	8.0995
ive	2	10	6.6837	11.2811	17.9648
Total			11.56	14.5042	26.0643

Current stem	Proposed stem	Savings from preexisting stem
Administrati	Administrat	none (did not exist)
co-operati	co-operat	none (did not exist)
expansi	expans	none (did not exist)
explosi	explos	none (did not exist)
impressi	impress	none (did not exist)
positi	posit	none (did not exist)
recepti	recept	none (did not exist)
representati	representat	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	11.56
Part 2: Prorated responsibility for phonology of affixes:	14.5042
Part 3: Stem pointers to this sig:	48.045
Length of 1 pointer to this sig:	6.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	37.6035
Total DL:	36.5057

If we add 1 letters, total TD is 36.5057 ******
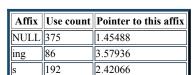
Change signature from "on.ve" to "ion.ive"

NULL.ing.s

bond	depend	keep	meet
request	start		

Number of letters	Entropy	Resolution?
1	1.45915	Entropy sufficiently small
2	2.25163	Entropy too large

Description length of current signature

Affix	Use count	Pointer to this affix
NULL	375	1.45488
ing	86	3.57936
s	192	2.42066

Part 1: Length of pointer to affixes	7.4549
Part 2: Prorated responsibility for phonology of affixes:	1.43153
Part 3: Stem pointers to this sig:	35.0142
Length of 1 pointer to this sig:	5.8357
Total	43.9006

Conjectured signature: d.ding.ds

We now shift the piece d

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
d	2	8	7.00562	3.52533	10.531
ding	0	6	7.42066	18.8018	26.2224
ds	0	6	7.42066	9.40088	16.8215
Total			21.8469	31.728	53.5749

Current stem	Proposed stem	Savings from preexisting stem
bond	bon	none (did not exist)
depend	depen	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	21.8469
Part 2: Prorated responsibility for phonology of affixes:	31.728
Part 3: Stem pointers to this sig:	14.8413
Length of 1 pointer to this sig:	5.8357
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	9.40088
Total DL:	59.0154

Conjectured signature: p.ping.ps

We now shift the piece p

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
p	0	6	7.42066	4.70044	12.1211
ping	0	6	7.42066	18.8018	26.2224
ps	0	6	7.42066	9.40088	16.8215
Total			22.262	32.9031	55.1651

Current stem	Proposed stem	Savings from preexisting stem
keep	kee	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	22.262
Part 2: Prorated responsibility for phonology of affixes:	32.9031
Part 3: Stem pointers to this sig:	8.42066
Length of 1 pointer to this sig:	5.8357
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	4.70044
Total DL:	58.8853

Conjectured signature: t.ting.ts

We now shift the piece t

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
t	0	6	7.42066	4.70044	12.1211
ting	0	6	7.42066	18.8018	26.2224
ts	0	6	7.42066	9.40088	16.8215
Total			22.262	32.9031	55.1651

Current stem	Proposed stem	Savings from preexisting stem
meet	mee	none (did not exist)
request	reques	none (did not exist)
start	star	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	22.262
Part 2: Prorated responsibility for phonology of affixes:	32.9031
Part 3: Stem pointers to this sig:	20.5071
Length of 1 pointer to this sig:	5.8357
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	14.1013
Total DL:	61.5708

If we add 1 letters, total TD is 179.471 ******

NULL.ing.s: Conclusion: Keep original signature.

e.ing

discharg	improv	merchandis	nurs
preserv	purchas		

Number of letters	Entropy	Resolution?
1	1.45915	Entropy sufficiently small
2	2.58496	Entropy too large

Description length of current signature

Affix	Use count	Pointer to this affix
e	11	6.54619
ing	86	3.57936

Part 1: Length of pointer to affixes	10.1256
Part 2: Prorated responsibility for phonology of affixes:	3.54769
Part 3: Stem pointers to this sig:	38.524
Length of 1 pointer to this sig:	6.42066
Total	52.1972

Conjectured signature: ge.ging

We now shift the piece g

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
ge	0	6	7.42066	9.40088	16.8215
ging	0	6	7.42066	18.8018	26.2224
Total			14.8413	28.2026	43.044

Current stem	Proposed stem	Savings from preexisting stem
discharg	dischar	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	14.8413
Part 2: Prorated responsibility for phonology of affixes:	28.2026
Part 3: Stem pointers to this sig:	9.00562
Length of 1 pointer to this sig:	6.42066
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	4.70044
Total DL:	47.3491

Conjectured signature: ve.ving

We now shift the piece v

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
ve	8	14	6.19827	4.02895	10.2272
ving	0	6	7.42066	18.8018	26.2224
Total			13.6189	22.8307	36.4496

Current stem	Proposed stem	Savings from preexisting stem
improv	impro	none (did not exist)
preserv	preser	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	13.6189

Part 2: Prorated responsibility for phonology of affixes:	22.8307
Part 3: Stem pointers to this sig:	16.0112
Length of 1 pointer to this sig:	6.42066
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	9.40088
Total DL:	43.06

Conjectured signature: se.sing

We now shift the piece s

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
se	0	6	7.42066	9.40088	16.8215
sing	0	6	7.42066	18.8018	26.2224
Total			14.8413	28.2026	43.044

Current stem	Proposed stem	Savings from preexisting stem
merchandis	merchandi	none (did not exist)
nurs	nur	none (did not exist)
purchas	purcha	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	14.8413
Part 2: Prorated responsibility for phonology of affixes:	28.2026
Part 3: Stem pointers to this sig:	22.262
Length of 1 pointer to this sig:	6.42066
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	14.1013
Total DL:	51.2046

If we add 1 letters, total TD is 141.614 ******

e.ing: Conclusion: Keep original signature.

NULL.ed.ing.ment

develop	establish

Number of letters	Entropy	Resolution?
1	1	Entropy sufficiently small
2	1	Entropy sufficiently small
3	1	Entropy sufficiently small
4	1	Entropy sufficiently small

Description length of current signature

Affix	Use count	Pointer to this affix
NULL	375	1.45488
ed	89	3.52989
ing	86	3.57936
ment	16	6.00562

Part 1: Length of pointer to affixes	14.5698
Part 2: Prorated responsibility for phonology of affixes:	2.98969
Part 3: Stem pointers to this sig:	14.0112
Length of 1 pointer to this sig:	7.00562
Total	31.5707

Conjectured signature: elop.eloped.eloping.elopment

We now shift the piece elop

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
elop	0	2	9.00562	18.8018	27.8074
eloped	0	2	9.00562	28.2026	37.2083
eloping	0	2	9.00562	32.9031	41.9087
elopment	0	2	9.00562	37.6035	46.6091
Total			36.0225	117.511	153.533

Current stem	Proposed stem	Savings from preexisting stem
develop	dev	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	117.511
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	18.8018
Total DL:	142.737

Conjectured signature: lish.lished.lishing.lishment

We now shift the piece lish

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
lish	0	2	9.00562	18.8018	27.8074
lished	0	2	9.00562	28.2026	37.2083
lishing	0	2	9.00562	32.9031	41.9087
lishment	0	2	9.00562	37.6035	46.6091
Total			36.0225	117.511	153.533

Current stem	Proposed stem	Savings from preexisting stem
establish	estab	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	117.511
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	18.8018
Total DL:	142.737

If we add 4 letters, total TD is 285.475 ******

Conjectured signature: lop.loped.loping.lopment ▮

We now shift the piece lop

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
lop	0	2	9.00562	14.1013	23.1069
loped	0	2	9.00562	23.5022	32.5078
loping	0	2	9.00562	28.2026	37.2083
lopment	0	2	9.00562	32.9031	41.9087
Total			36.0225	98.7092	134.732

Current stem	Proposed stem	Savings from preexisting stem
develop	deve	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	98.7092
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	14.1013
Total DL:	128.636

Conjectured signature: ish.ished.ishing.ishment ▮

We now shift the piece ish

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
ish	0	2	9.00562	14.1013	23.1069
ished	0	2	9.00562	23.5022	32.5078
ishing	0	2	9.00562	28.2026	37.2083
ishment	0	2	9.00562	32.9031	41.9087
Total			36.0225	98.7092	134.732

Current stem	Proposed stem	Savings from preexisting stem
establish	establ	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	98.7092
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	14.1013
Total DL:	128.636

If we add 3 letters, total TD is 257.272 ******

Conjectured signature: op.oped.oping.opment

We now shift the piece op

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
op	0	2	9.00562	9.40088	18.4065
oped	0	2	9.00562	18.8018	27.8074
oping	0	2	9.00562	23.5022	32.5078
opment	0	2	9.00562	28.2026	37.2083
Total			36.0225	79.9075	115.93

Current stem	Proposed stem	Savings from preexisting stem
develop	devel	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	79.9075
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	9.40088
Total DL:	114.535

Conjectured signature: sh.shed.shing.shment

We now shift the piece sh

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
sh	0	2	9.00562	9.40088	18.4065
shed	0	2	9.00562	18.8018	27.8074
shing	0	2	9.00562	23.5022	32.5078
shment	0	2	9.00562	28.2026	37.2083
Total			36.0225	79.9075	115.93

Current stem	Proposed stem	Savings from preexisting stem
establish	establi	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	79.9075
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	9.40088
Total DL:	114.535

If we add 2 letters, total TD is 229.069 ******

Conjectured signature: p.ped.ping.pment

We now shift the piece p

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
p	0	2	9.00562	4.70044	13.7061
ped	0	2	9.00562	14.1013	23.1069
ping	0	2	9.00562	18.8018	27.8074
pment	0	2	9.00562	23.5022	32.5078
Total			36.0225	61.1057	97.1282

Current stem	Proposed stem	Savings from preexisting stem
develop	develo	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	61.1057
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	4.70044
Total DL:	100.433

Conjectured signature: h.hed.hing.hment

We now shift the piece h

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
h	0	2	9.00562	4.70044	13.7061
hed	0	2	9.00562	14.1013	23.1069
hing	0	2	9.00562	18.8018	27.8074
hment	0	2	9.00562	23.5022	32.5078
Total			36.0225	61.1057	97.1282

Current stem	Proposed stem	Savings from preexisting stem
establish	establis	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	36.0225
Part 2: Prorated responsibility for phonology of affixes:	61.1057
Part 3: Stem pointers to this sig:	8.00562
Length of 1 pointer to this sig:	7.00562
Part 4: Total savings from stems that had already existed:	0
Part 5: Total decrease in DL due to shorter stems:	4.70044
Total DL:	100.433

If we add 1 letters, total TD is 200.867 ******
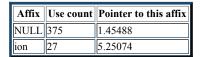
NULL.ed.ing.ment: Conclusion: Keep original signature.

ed.ing

admitt	inspir	moderniz	reiterat
threaten			

Number of letters	Entropy	Resolution?
1	1.92193	Entropy too large

NULL.ion

corrupt	except	predict	prevent
quest	transit		

Number of letters	Entropy	Resolution?
1	0	Entropy sufficiently small
2	2.25163	Entropy too large

Description length of current signature

Affix	Use count	Pointer to this affix
NULL	375	1.45488
ion	27	5.25074

Part 1: Length of pointer to affixes	6.70561
Part 2: Prorated responsibility for phonology of affixes:	3.43445
Part 3: Stem pointers to this sig:	38.524
Length of 1 pointer to this sig:	6.42066
Total	48.664

Conjectured signature: t.tion

We now shift the piece t

Suffix	Previous count	New count	Pointer length to this affix	Responsibility for this affix (phonology) in bits:	New DL for this affix
t	0	6	7.42066	4.70044	12.1211
tion	3	9	6.8357	12.5345	19.3702
Total			14.2564	17.2349	31.4913

Current stem	Proposed stem	Savings from preexisting stem
corrupt	corrup	none (did not exist)
except	excep	none (did not exist)
predict	predic	none (did not exist)
prevent	preven	none (did not exist)
quest	ques	none (did not exist)
transit	transi	none (did not exist)

Current stem	Proposed stem	Savings from preexisting stem

Part 1: Length of pointer to affixes:	14.2564
Part 2: Prorated responsibility for phonology of affixes:	17.2349
Part 3: Stem pointers to this sig:	38.524
Length of 1 pointer to this sig:	6.42066
Part 4: Total savings from stems that had already existed:	0