

Analysing longitudinal change in Malcolm Fraser's *Radio Electorate Talks*

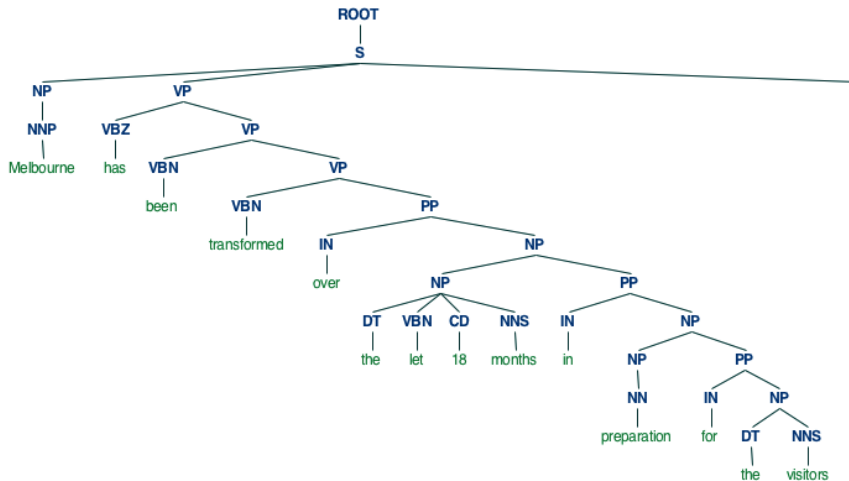
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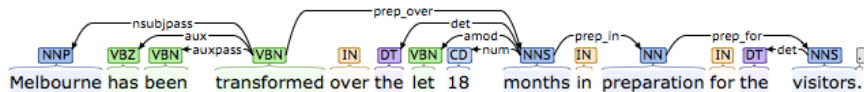
Context

- We've got more than 700 digitised transcripts of Fraser's radio electorate talks
- There are sophisticated tools and methods for processing natural language
- We can use these tools to learn about very specific or very general things
- Current goal: look for longitudinal change in Fraser's language use

Fraser, parsed



Fraser, parsed



The early years...

1954	1956	1957	1958	1959	1960
sheep	olympic	bank	tongue	birds	congo
women	wool	diesel	bonds	prescriptions	nations
happiness	nurses	marys	blue	territory	pies
foxtrot	organisation	money	mother	communist	africa
breed	problem	tax	australian	recognition	store
men	bill	petrol	true	china	hospitals
cure	house	power	army	army	native
wool	suez	sovereign	radiation	countries	soil
prosperity	athletes	road	india	woollen	tapping
tee	extradition	salaries	settlement	defence	super
shorthorn	united	fuel	cortland	vietnam	appeal
man	hungary	prime	macmillan	holland	hospital
beef		henty	arthur	tibet	hat
parliament		increased	mountains	bird	person
germ		hungarian	women	drugs	australia
experiments		filling	countries	pensioner	hammersmith
pyx		minister	industry	eking	organizations
breeds		army	equal	bureau	week
disease		united	soldier	test	telephone
remember		commonwealth	dairying	ballots	khrushchev

Shifting focus?

1961	1962	1963	1964	1965	1966
licensing	guinea	conference	united	ballot	viet
common	west	base	meat	reserve	task
kingdom	united	malaysia	american	regular	asia
market	quantitative	labour	malaysia	army	security
africa	indonesian	wool	washington	vietnam	civic
berlin	fibroid	caldwell	government	puckapunyal	laos
sales	dutch	nuclear	indonesia	waterfront	policies
brokers	rabbit	portland	threat	communist	malaysia
goulburn	indonesia	bolt	tobacco	servicemen	troops
germany	india	ash	canadian	rhodesia	min
import	nations	buyers	wentworth	workers	units
technical	virus	treaty	virginia	serviceman	military
army	organizations	france	nauru	fluctuations	confrontation
airlines	aylesbury	party	board	epic	laotian
regard	army	deputation	roads	scheme	area
buyers	kingdom	interview	asia	commissioners	force
credit	mouth	members	banks	tribunal	cong
standardization	restrictions	french	congress	seamen	
apartheid	foot	association	economic	mobilization	
german	common	federation	america	recruits	

Thinking global

1967	1968	1969	1970	1971	1972
army	school	wheat	forces	reconstruction	broadcast
viet	high	shipping	defence	wheat	education
vietnam	ore	labor	vietnamese	dairy	acquisition
battalion	science	rams	savings	bushels	cent
headquarters	groton	reef	vietnam	rural	elk
soldiers	tons	education	cambodia	dollars	corporation
regiment	fertiliser	merino	zealand	costs	wool
command	wool	colleges	grant	kangaroo	sybil
enemy	korea	orderly	exercise	wool	sinclair
vietnamese	security	people	drought	scheme	rural
cong	organisation	science	percent	payment	lobar
troops	bauxite	mcewen	capability	deficiency	united
government	sciences	minister	moratorium	industry	commission
royal	iron	schools	debt	metric	marketing
units	mining	vessels	demonstrators	price	community
fire	alumina	quotas	wool	contest	environment
lists	girls	bushel	military	broadcast	children
postal	minister	region	aid	talk	advanced
nth	park	independent	violence	payments	army
force	korean	opposition	eligible	road	week

Bringing it back home

1973	1974	1975	1981	1982
rural	government	government	water	economic
government	inflation	opposition	river	cain
senator	embargo	insurance	tax	tax
bill	unemployed	private	murray	castigation
provision	united	electoral	premiers	probate
seats	minister	prime	review	australia
election	prime	inflation	borrowing	labor
communities	electoral	public	wage	hayden
written	wool	cairns	salinity	avoidance
measure	collar	connors	growth	crime
arbitrary	leyland	parliament	resources	policies
wool	restraint	unemployment	functions	schools
depreciation	caused	companies	economic	alliance
power	unions	sector	peacekeeping	anzus
areas	people	parties	resource	invincible
cameron	lam	commonwealth	quality	commission
war	cairns	wool	commonwealth	funding
april	leavers	labor	heritage	force
letter	whit	minister	disabled	crimes
local	income	firms	avoidance	enrolments

Australia, 1954

0	willing to accept them as	australians	inertia way then our new
1	, that the best things for	australians	id the stature development of
2	of haven for millions more	australians	than we have at present
3	borders new communities of	australians	would
4		australian	women were granted this right
5	could well crane tee face of	australia	, i was speaking with an
6	a reigning monarch has visited	australia	and realisation that this
7		australians	take their true place in the
8	that conditions in parts of	australia	resemble the ranges in texas
9	we must combine to insure	australia	just as each year we insure on
10	we evolve a one party state in	australian	this clearly implies the
11		australia	is great only while our mica
12	and sent a further sample to	australia	that was destroyed
13	prepared to become l face :	australians	and if we are ready and
14		australia	is faced with a double peril
15	compulsory unionism for	australia	is a published objective of
16	that will lead to a greater	australia	, to greater happiness for
17	it was	australia	's pride that she created such
18	do not make the best use of	australian	conditions
19	make the happiness of every	australian	their foremost aim

Australia, 1982

0 fortieth anniversary of one of
1 which the people of
2
3 intends to make sure that
4 of importance to everyone in
5 recession which is now hitting
6
7 , this is not surprising ,
8 flights over northern
9 whichever are now hitting
10 hayden 's tactic , the entire
11 loss of confidence by average
12 wage demands , for restoring
13 realistic in relation to
14
15 providing 1.5 million to the
16 for people in a country like
17 is second-hand or obsolete ,
18 1982 next saturday , i leave
19

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's most critical moments in
entrusted to the commonwealth
will also take early delivery
is fully equipped to
that i should like to run over
hard
does not function in isolation
and the european countries
, the government has made sure
hard
community has a right to know
in the fairness of the system
's ability to compete in
's strategic situation in the
's athletes deserve the
olympic federation for the
, rich in nat resources - with
is able to obtain a defence
for a short but most important
's participation in the

Where to from here?

- Get the data cleaned up and well-archived
- A more complete and systematic analysis
- Understand the co-evolution of Australian history and Fraser's language use
 - ▶ *Who shifted? Australia or Fraser?*

References I