







Semantic Featu	res Google Trillion word
Semantic feature values: "celery" 0.8368, eat 0.3461, taste 0.3153, fill 0.2430, see 0.1145, clean 0.0600, open 0.0586, smell 0.0286, touch 0.0000, drive 0.0000, wear 0.0000, lift 0.0000, break 0.0000, ride	Semantic feature values: " airplane " 0.8673, ride 0.2891, see 0.2851, say 0.1689, near 0.1228, open 0.0883, hear 0.0771, run 0.0749, lift 0.0049, smell 0.0010, wear 0.0000, taste 0.0000, rub 0.0000, manipulate



























LASSO Example				
Term	Least Squares	Ridge	Lasso	-
Intercept	2.465	2.452	2.468	-
lcavol	0.680	0.420	0.533	
lweight	0.263	0.238	0.169	
age	-0.141	-0.046		
lbph	0.210	0.162	0.002	
svi	0.305	0.227	0.094	
lcp	-0.288	0.000		
gleason	-0.021	0.040		
pgg45	0.267	0.133		_
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