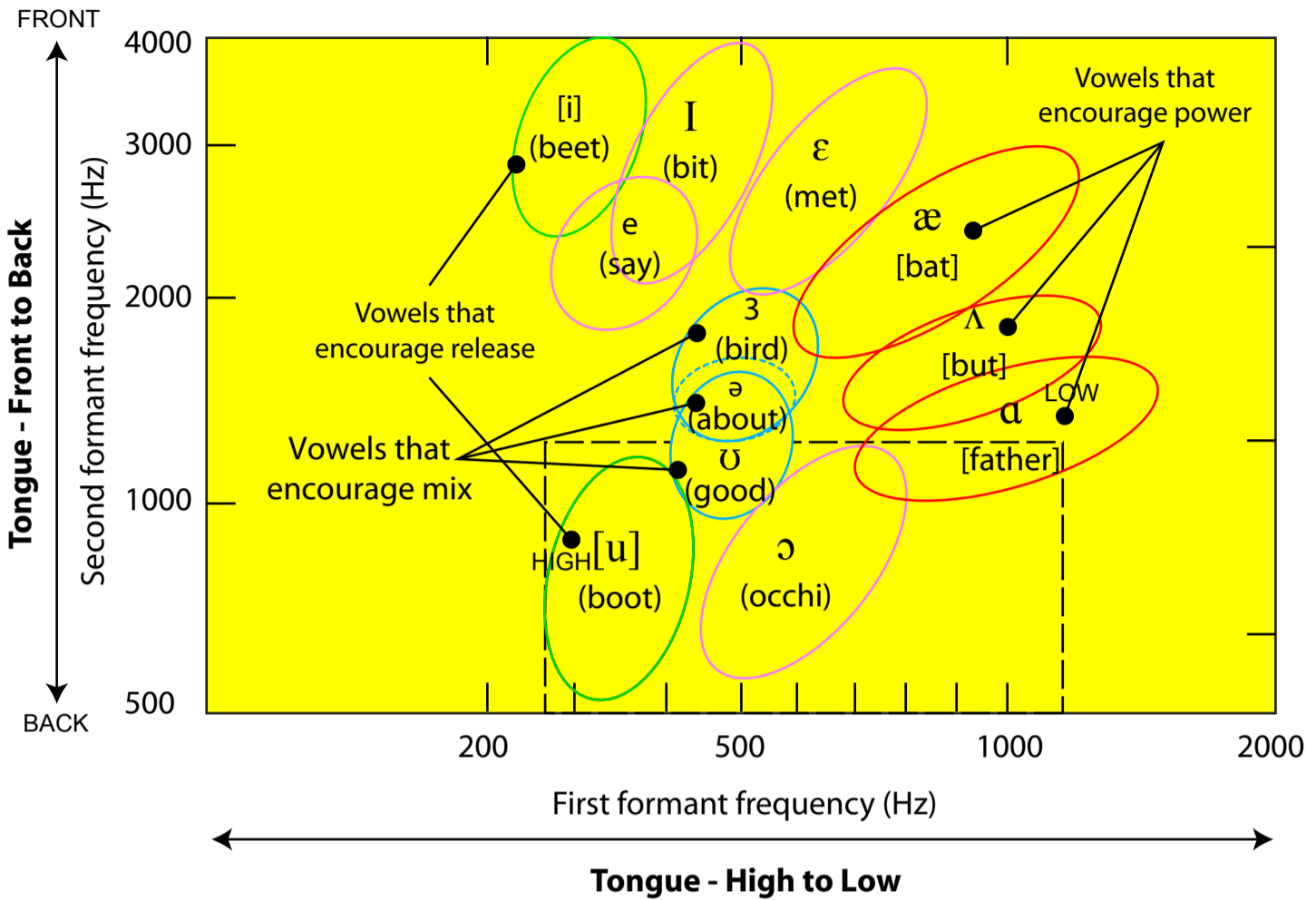


# VOWELS: COMBINATIONS OF (F1) AND (F2) AS AFFECTED BY TONGUE POSITION



## FORMANT VALUES FOR SPOKEN VOWELS: MEN, WOMEN, CHILDREN

Spoken Vowel	Men			Women			Children		
	F1	F2	F3	F1	F2	F3	F1	F2	F3
[i] (beat)	270	2300	3000	300	2800	3300	370	3200	3700
[ɪ] (bit)	400	2000	2550	430	2500	3100	530	2750	3600
[ɛ] (bet)	530	1850	2500	600	2350	3000	700	2600	3550
[æ] (bat)	660	1700	2400	860	2050	2850	1000	2300	3300
[ɑ] (father)	570	850	2400	590	900	2700	680	1050	3200
[u] (boot)	440	1000	2250	470	1150	2700	560	1400	3300
[ʊ] (book)	300	850	2250	370	950	2650	430	1150	3250
[ʌ] (but)	640	1200	2400	760	1400	2800	850	1600	3350
[ɔr] (burn)	490	1350	1700	500	1650	1950	560	1650	2150

For more information about how your voice works please visit [www.singlikeastar.com](http://www.singlikeastar.com)

