

Speaker: AV

2500 2000 1500 1000

Speaker: PD

2500 2000 1500 1000

Hz Hz

200

-300

-400

-500

-600

-700

-800

-900

r 1000

200

-300

-400

-500

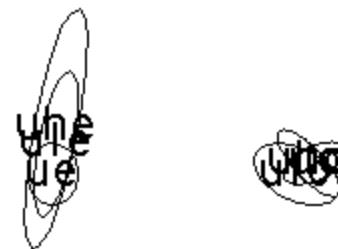
-600

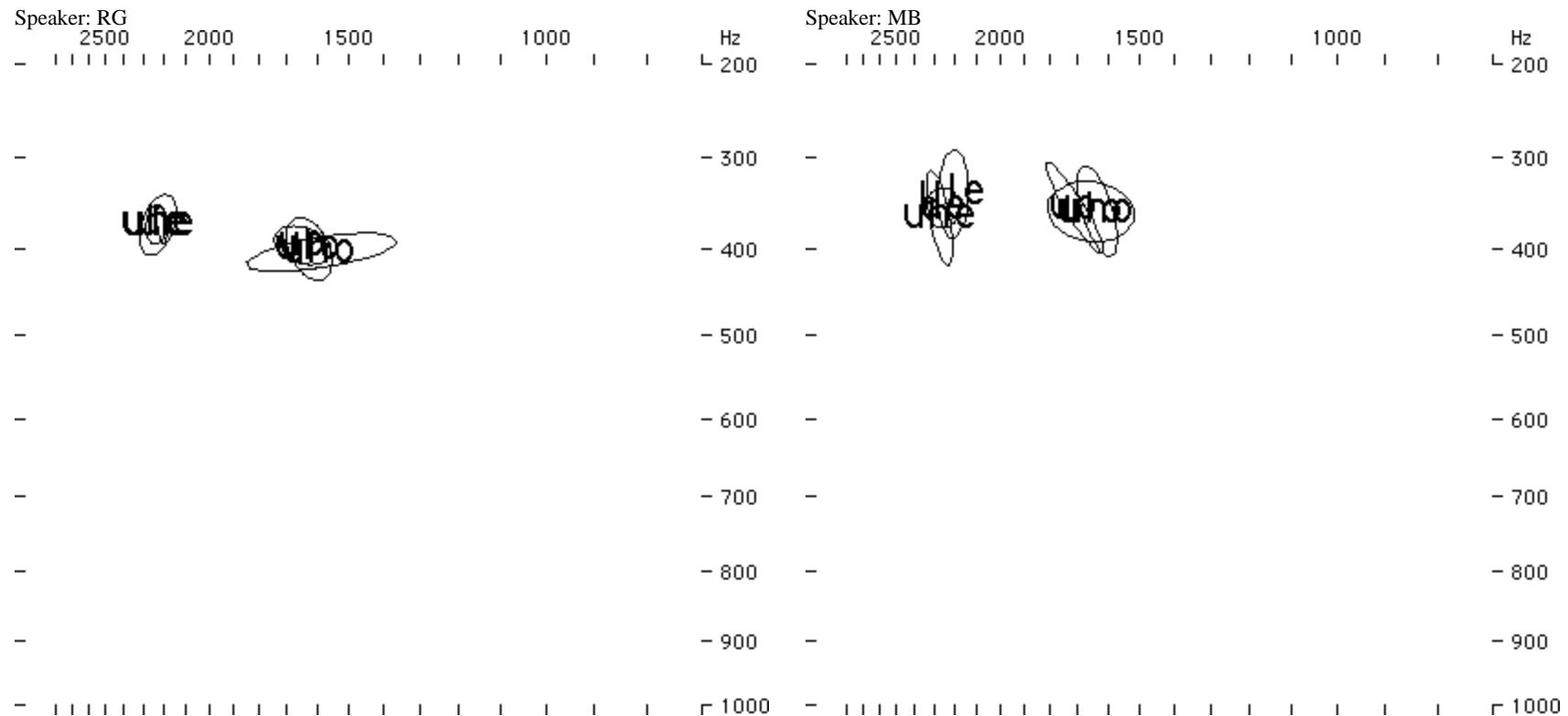
-700

-800

-900

r 1000





- F1 values are plotted on the ordinate scale, F2' values on the abscissa.
- F2' is defined by Fant's formula (which permits F3 values to be taken into account):  

$$F2' = F2 + 0.5 (F3 - F2) * (F2 - F1) / (F3 - F1)$$
- Letter strings are centered on the mean values of the categories; ellipses include all vowels within two standard deviations of the mean.