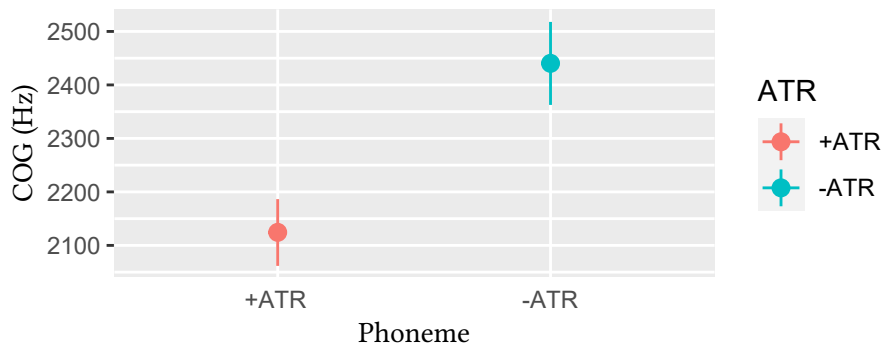


**A** Center of gravity of all root vowels  
(means and SE)



**B** Center of gravity of root vowels  
by individual vowels (means and SE)

