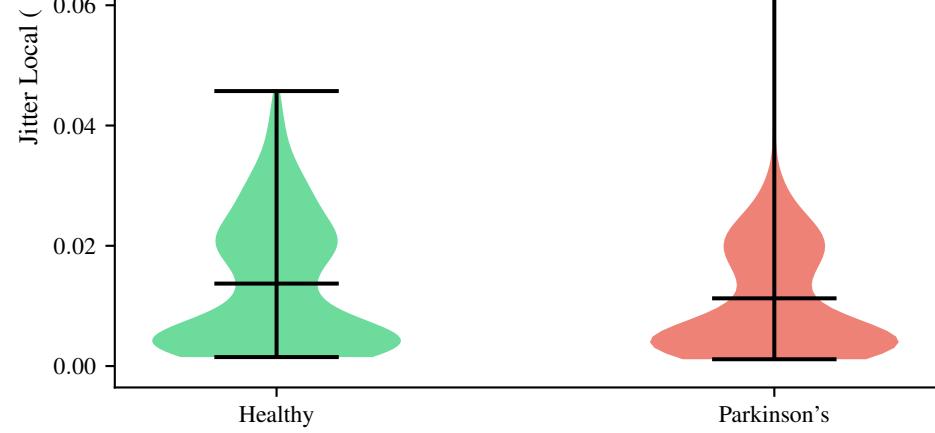


# Jitter and Shimmer Analysis: Voice Quality Measures

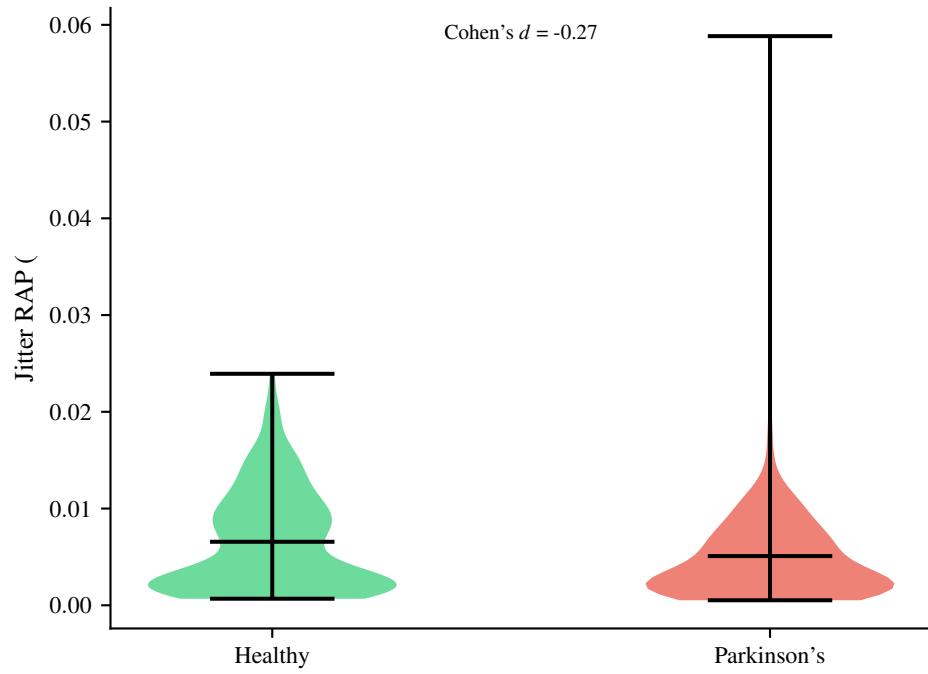
Jitter (local)

Cohen's  $d = -0.22$



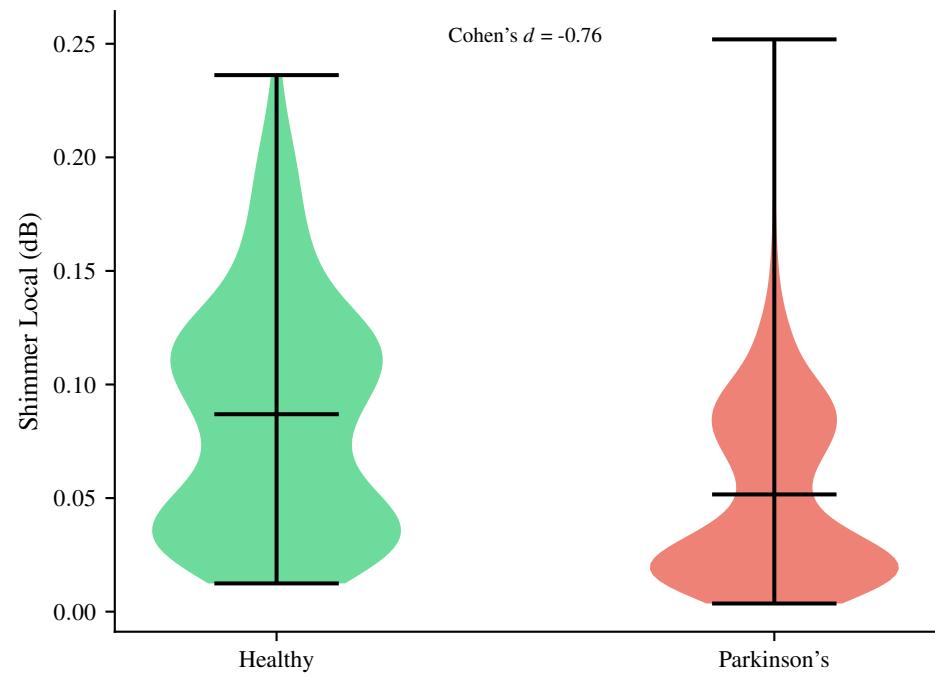
Jitter RAP

Cohen's  $d = -0.27$



Shimmer (local)

Cohen's  $d = -0.76$



Shimmer APQ3

Cohen's  $d = -0.93$

