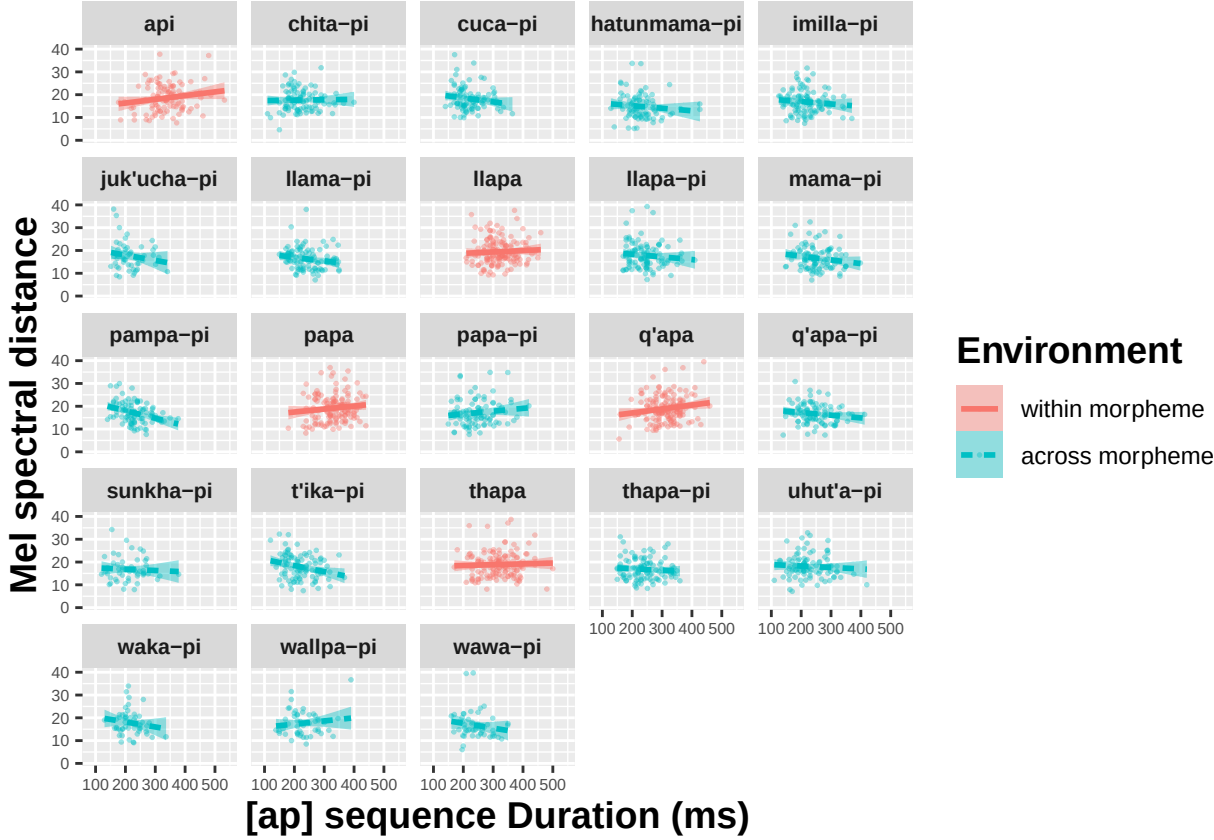
api
chita−pi
cuca−pi
hatunmama−pi
imilla−pi
juk'ucha−pi
llama−pi
llapa
llapa−pi
mama−pi
pampa−pi
papa
papa−pi
q'apa
q'apa−pi
sunkha−pi
t'ika−pi
thapa
thapa−pi
uhut'a−pi
waka−pi
wallpa−pi
wawa−pi
0
10
20
30
40
100 200 300 400 500
Mel spectral distance
[ap] sequence Duration (ms)
Environment
within morpheme
across morpheme