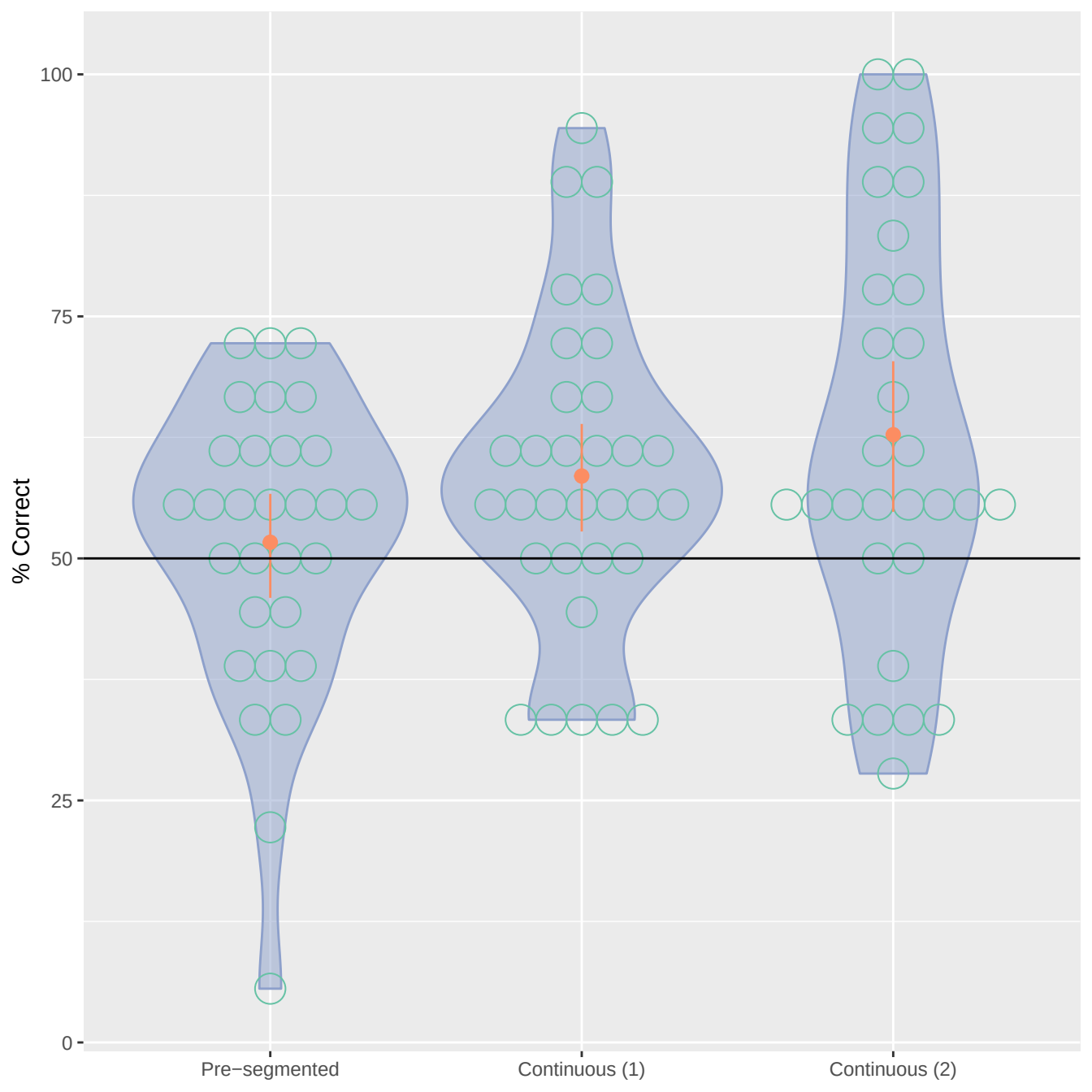
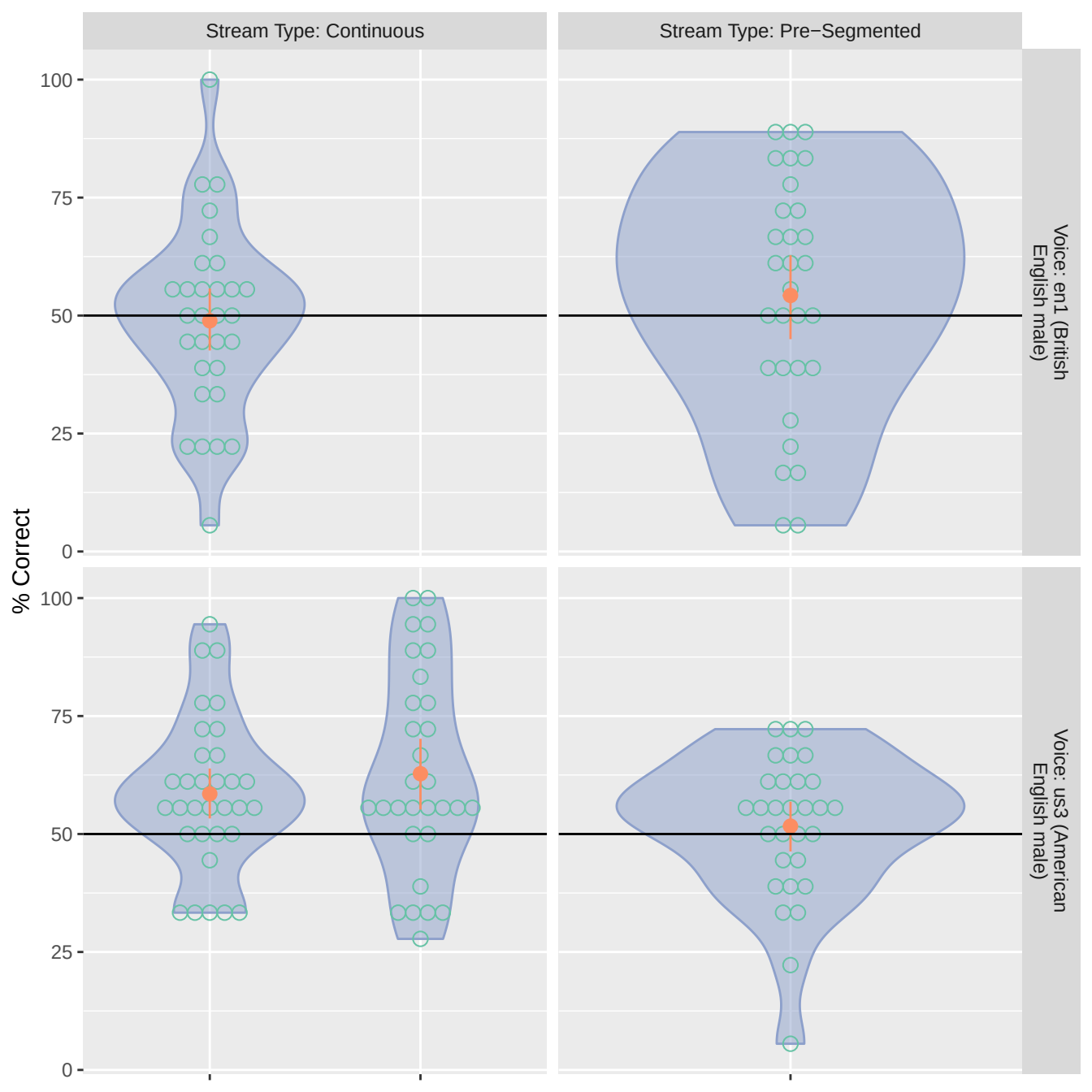
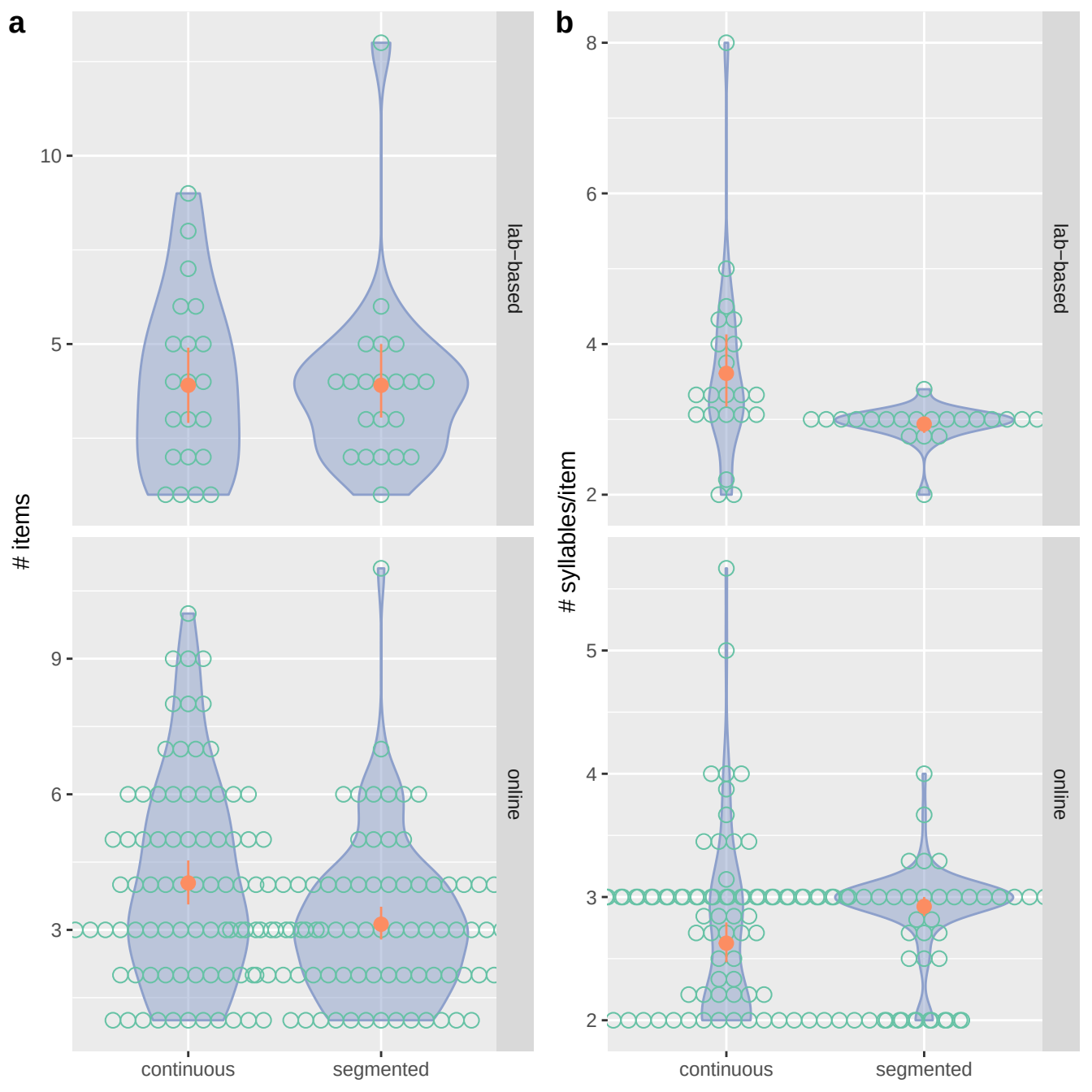
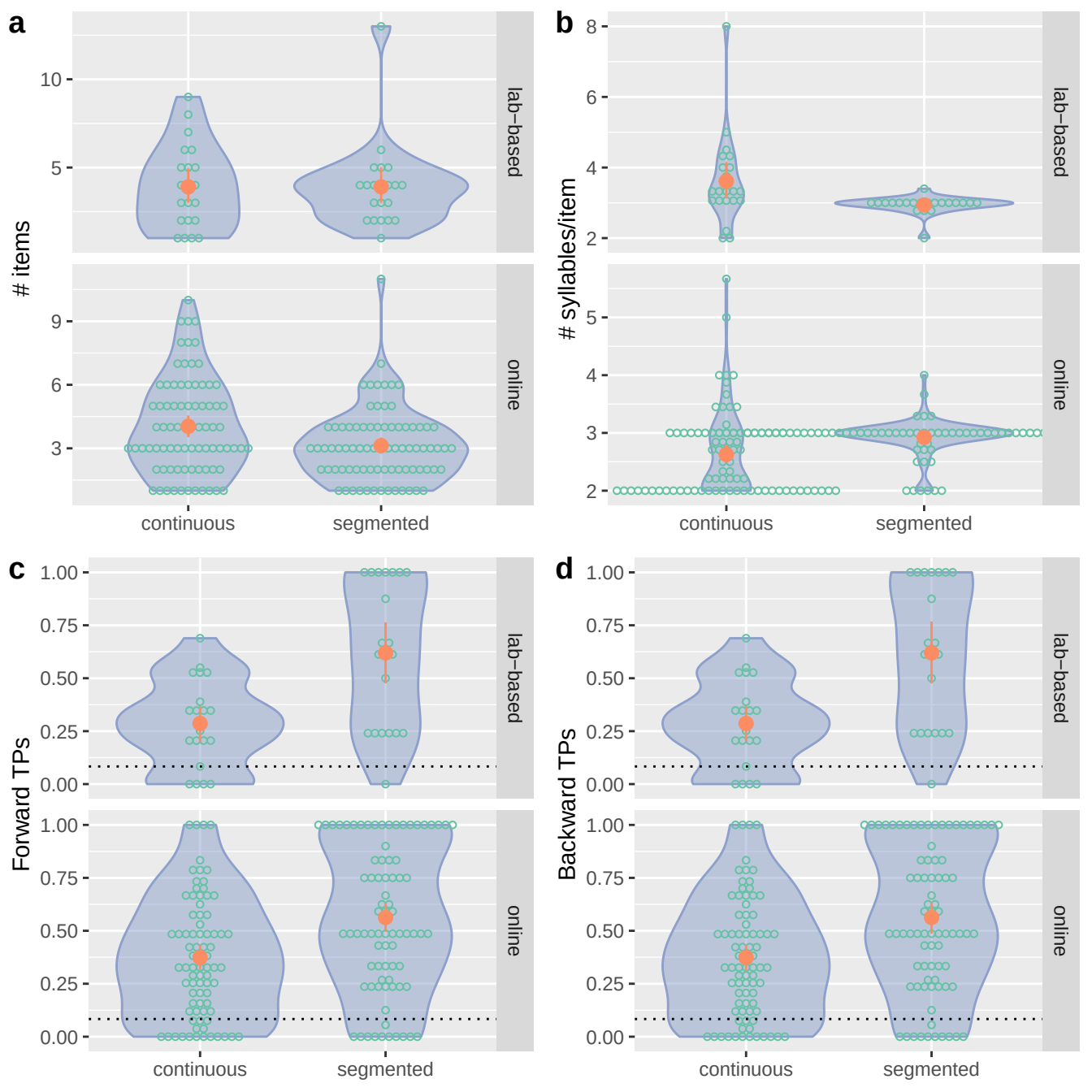
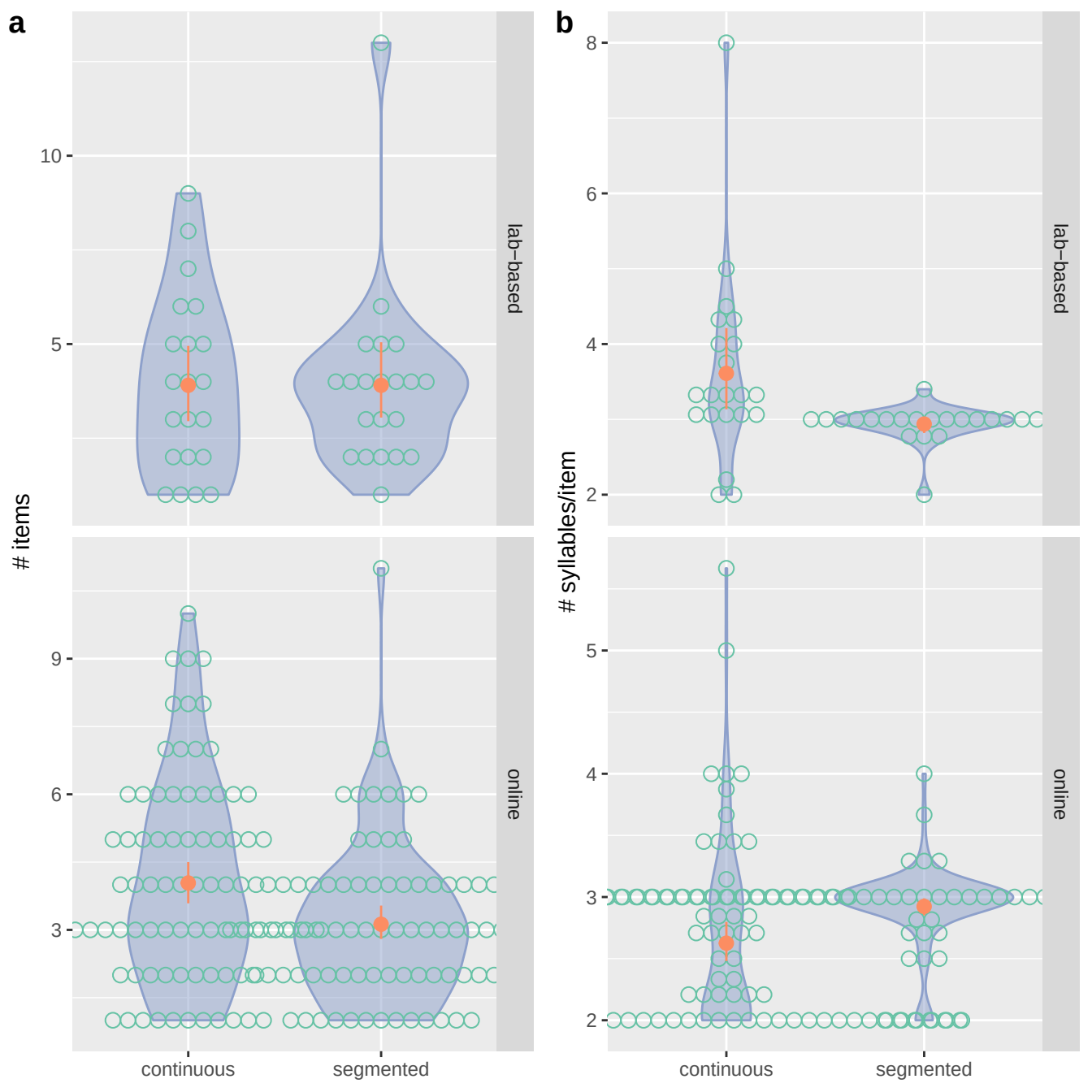
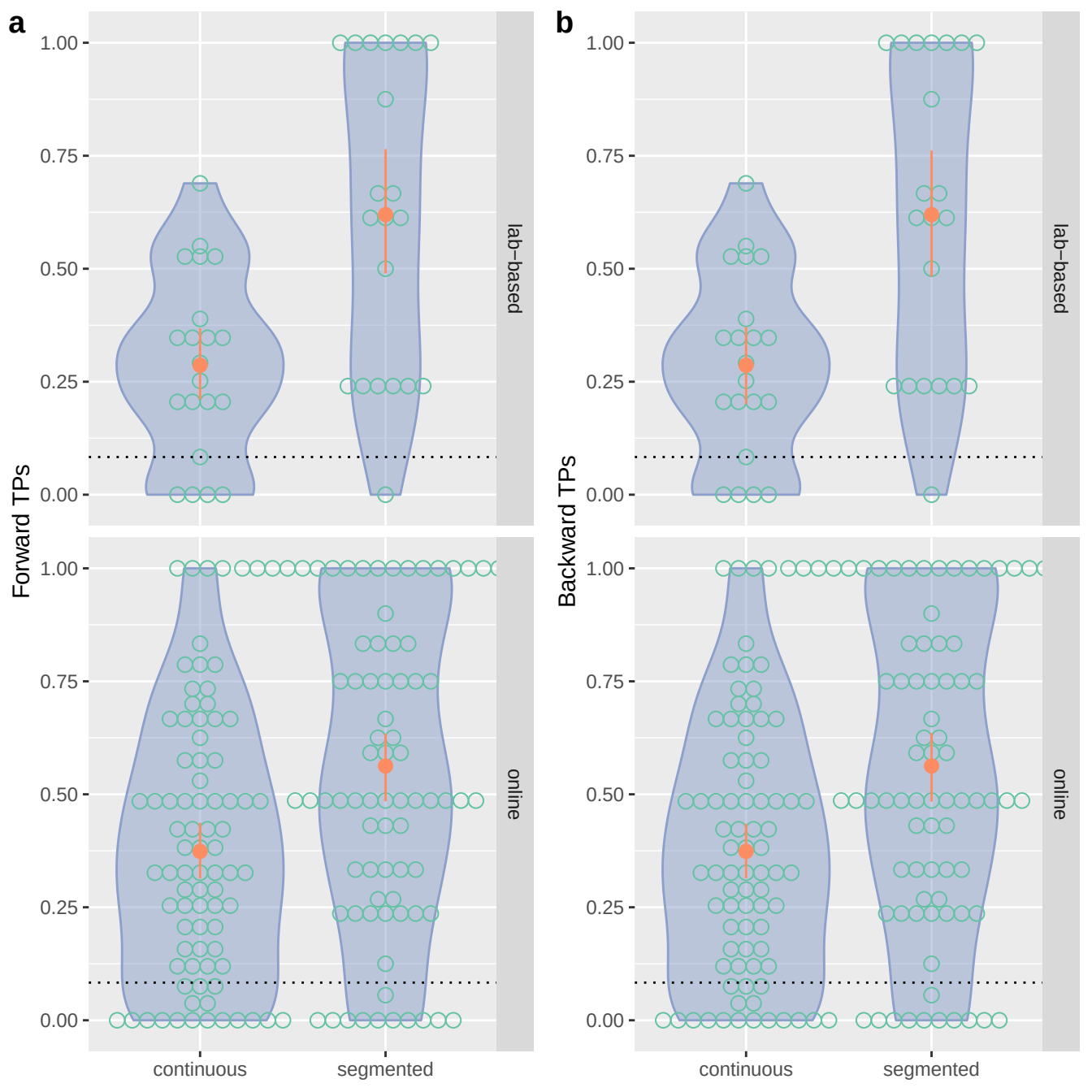

100
75
50
25
0
% Correct
Pre−segmented
Continuous (1)
Continuous (2)

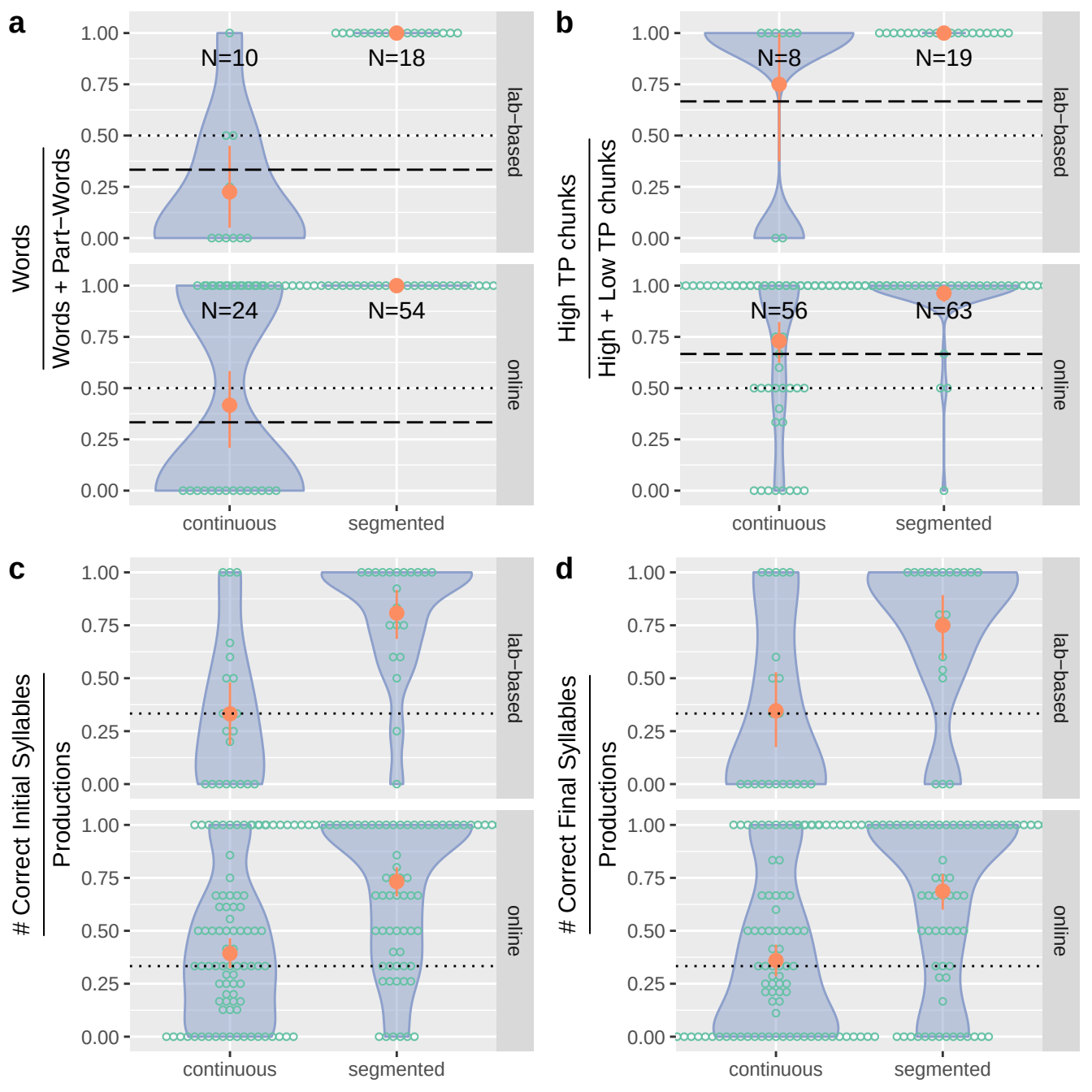

Stream Type: Continuous
Stream Type: Pre−Segmented
Voice: en1 (British English male)
Voice: us3 (American English male)
% Correct
100
75
50
25
0

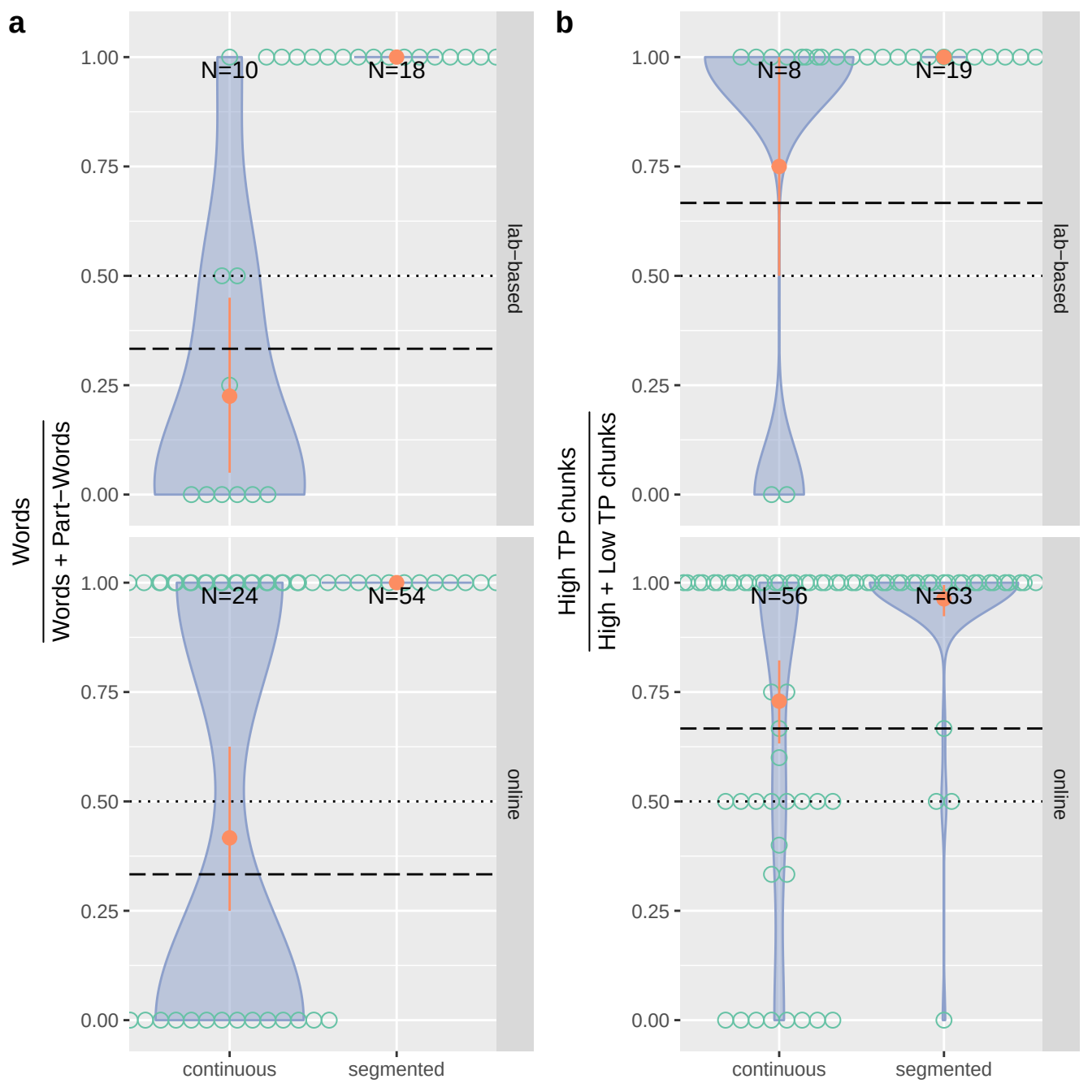

a
b
items
syllables/item
lab−based
online
10
5
9
6
3
8
6
4
5
4
3
2
continuous
segmented

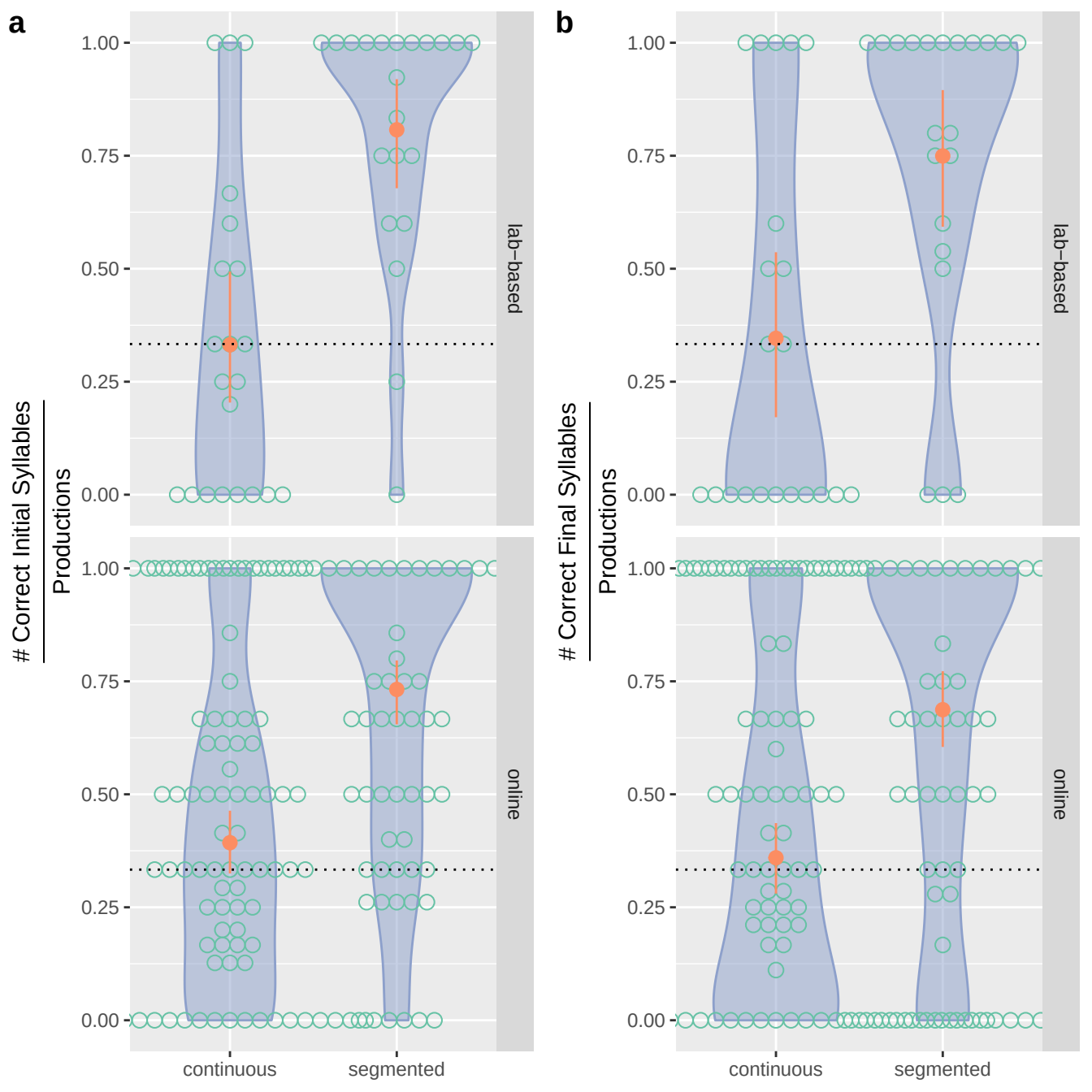

a
b
c
d
items
syllables/item
Forward TPs
Backward TPs
lab−based
online
continuous
segmented
10
5
9
6
3
8
4
2
1.00
0.75
0.50
0.25
0.00

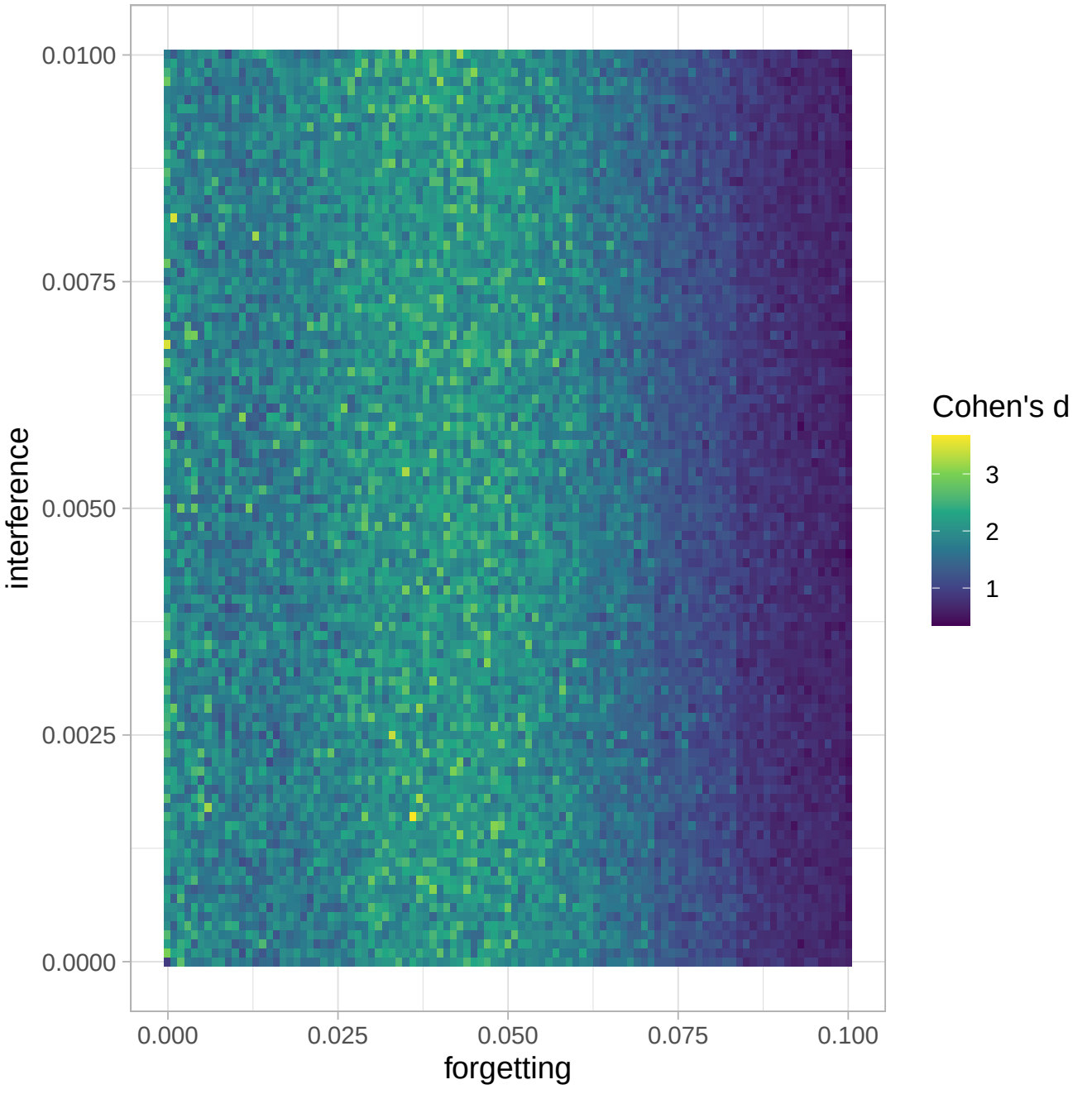

a
b
items
syllables/item
lab−based
online
continuous
segmented
10
5
9
6
3
8
6
4
5
4
3
2

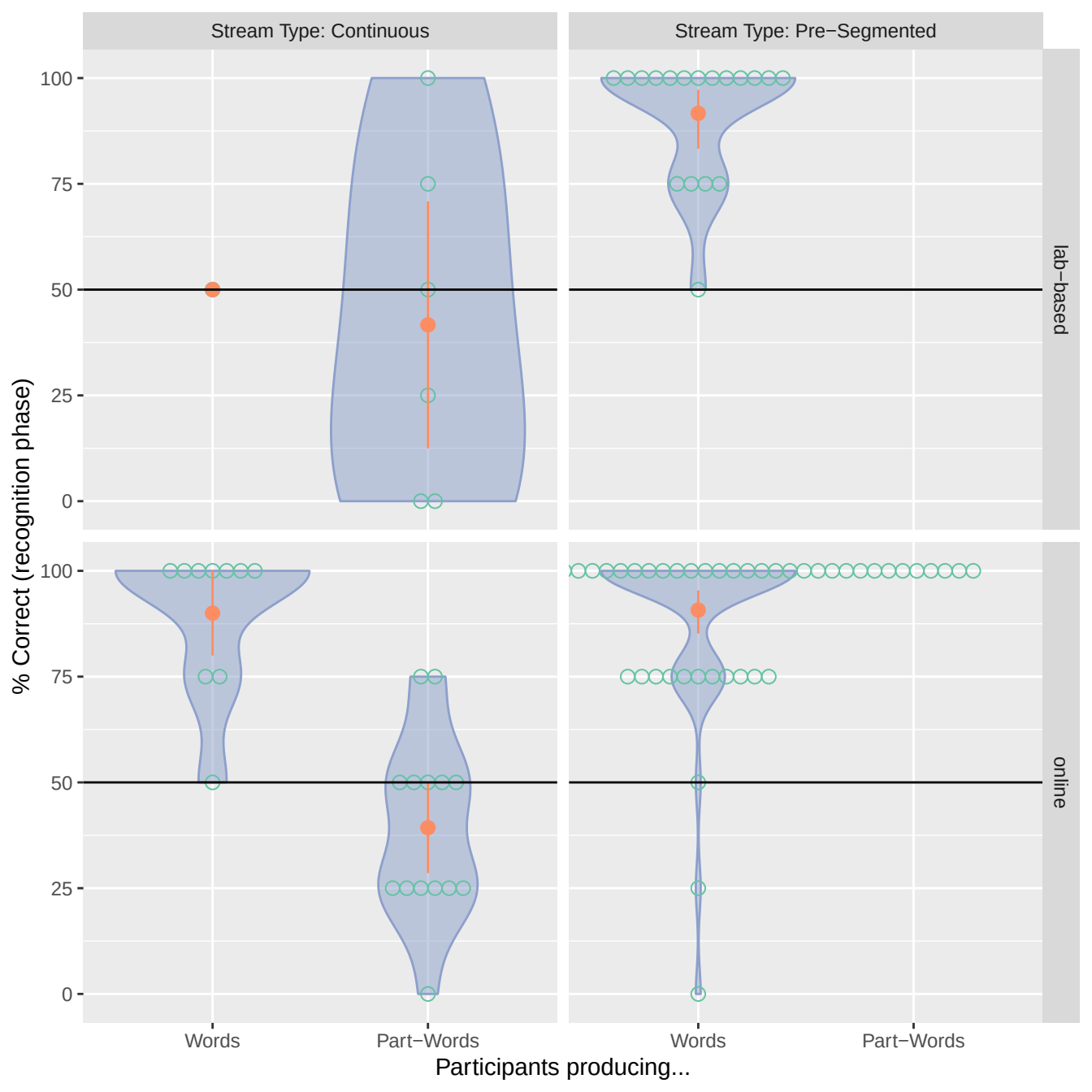

a
b
Forward TPs
Backward TPs
1.00
0.75
0.50
0.25
0.00
lab−based
online
continuous
segmented

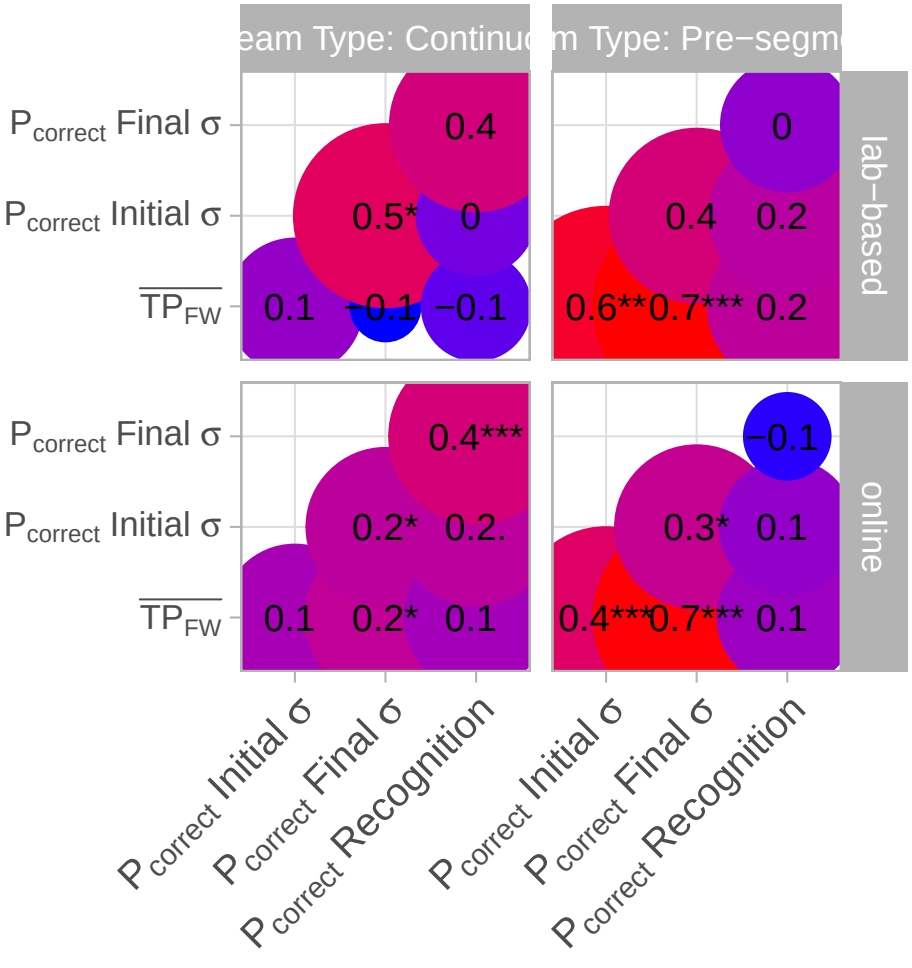

a
Words
Words + Part−Words
N=10
N=18
N=24
N=54
lab−based
online
b
High TP chunks
High + Low TP chunks
N=8
N=19
N=56
N=63
c
Correct Initial Syllables
Productions
d
Correct Final Syllables
1.00
0.75
0.50
0.25
0.00
continuous
segmented

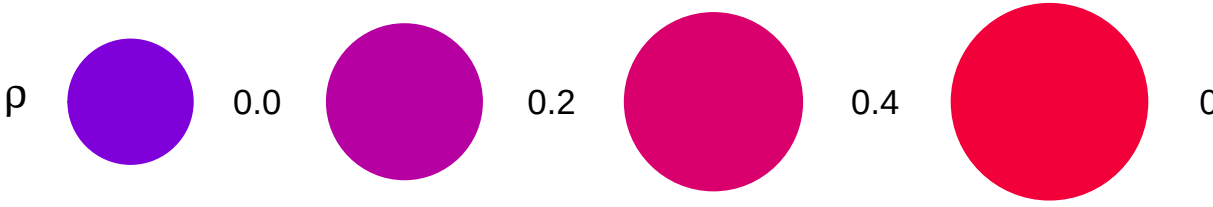

a
b
Words / Words + Part−Words
High TP chunks / High + Low TP chunks
1.00
0.75
0.50
0.25
0.00
N=10
N=18
N=8
N=19
N=24
N=54
N=56
N=63
lab−based
online
continuous
segmented

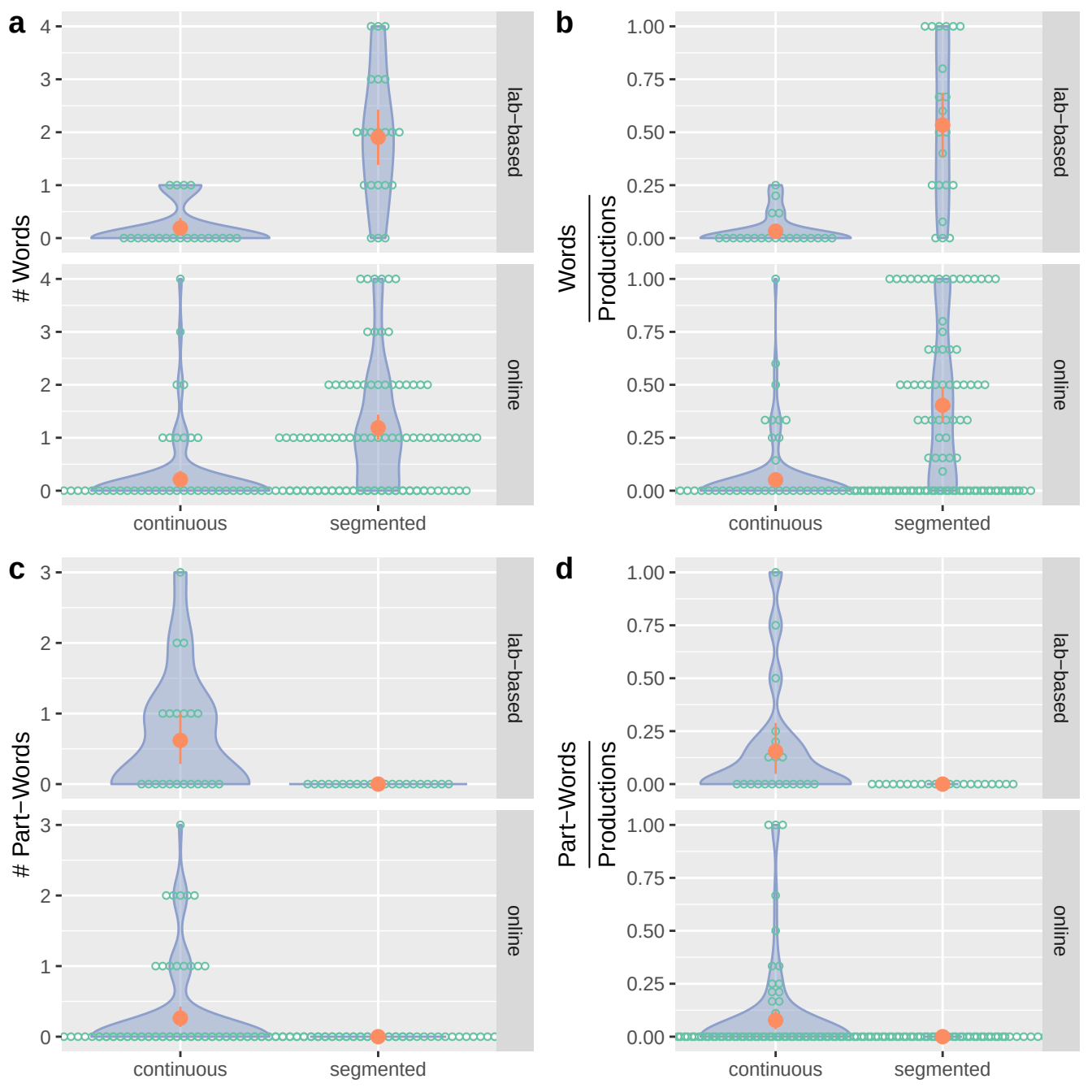

a
b
Correct Initial Syllables
Productions
Correct Final Syllables
Productions
1.00
0.75
0.50
0.25
0.00
lab−based
online
continuous
segmented

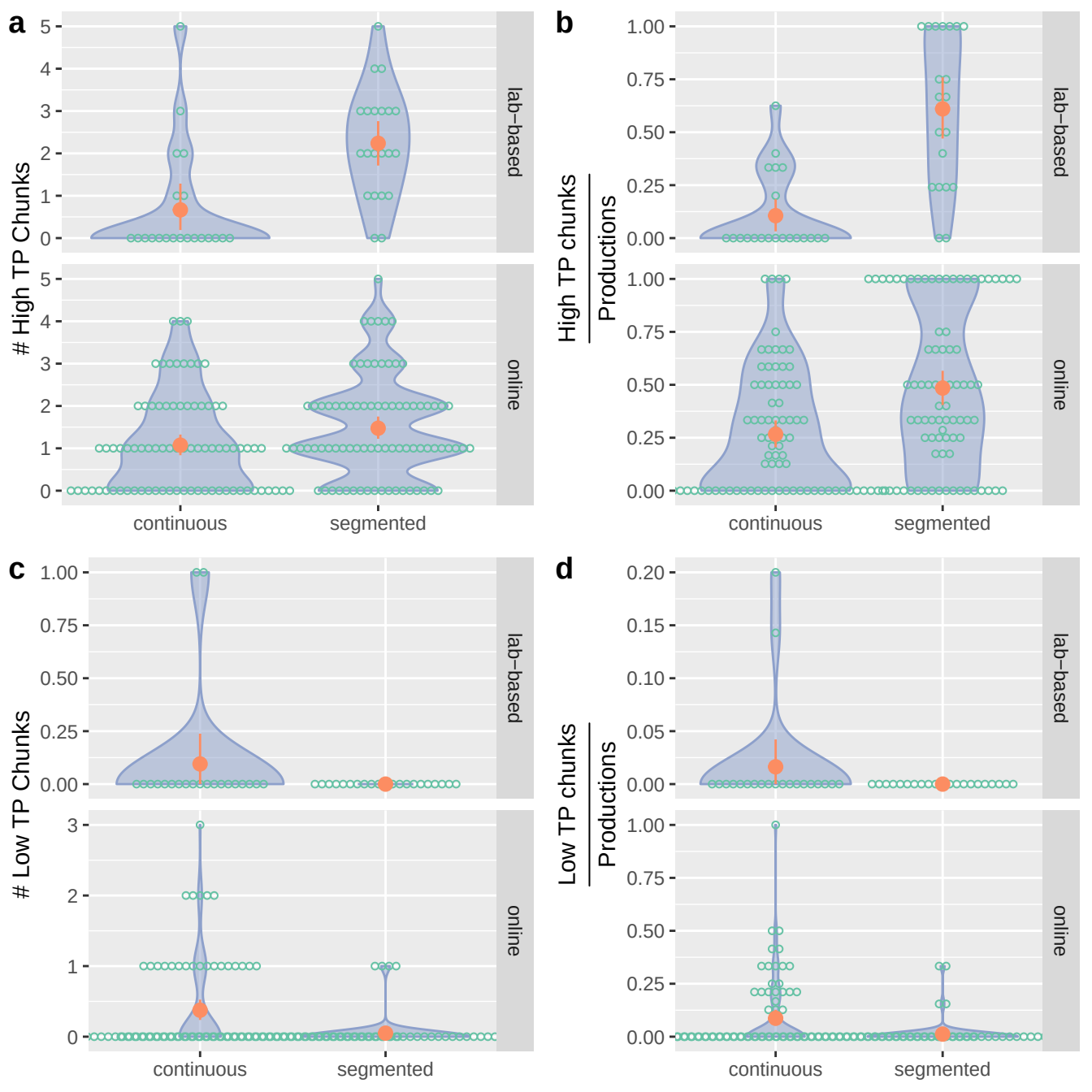

0.0100
0.0075
0.0050
0.0025
0.0000
interference
0.000
0.025
0.050
0.075
0.100
forgetting
Cohen's d
3
2
1

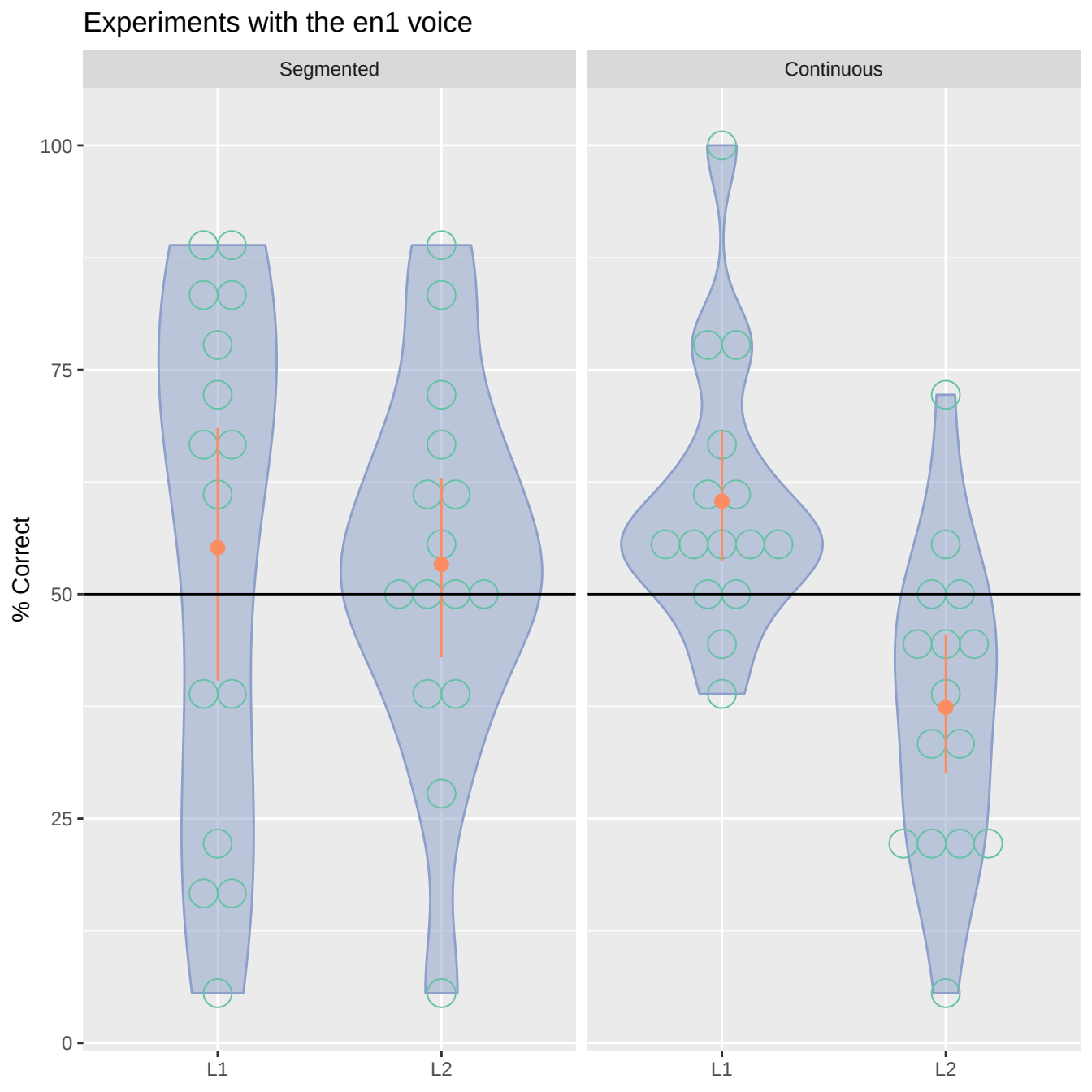

Stream Type: Continuous
Stream Type: Pre−Segmented
lab−based
online
% Correct (recognition phase)
100
75
50
25
0
Words
Part−Words
Participants producing...

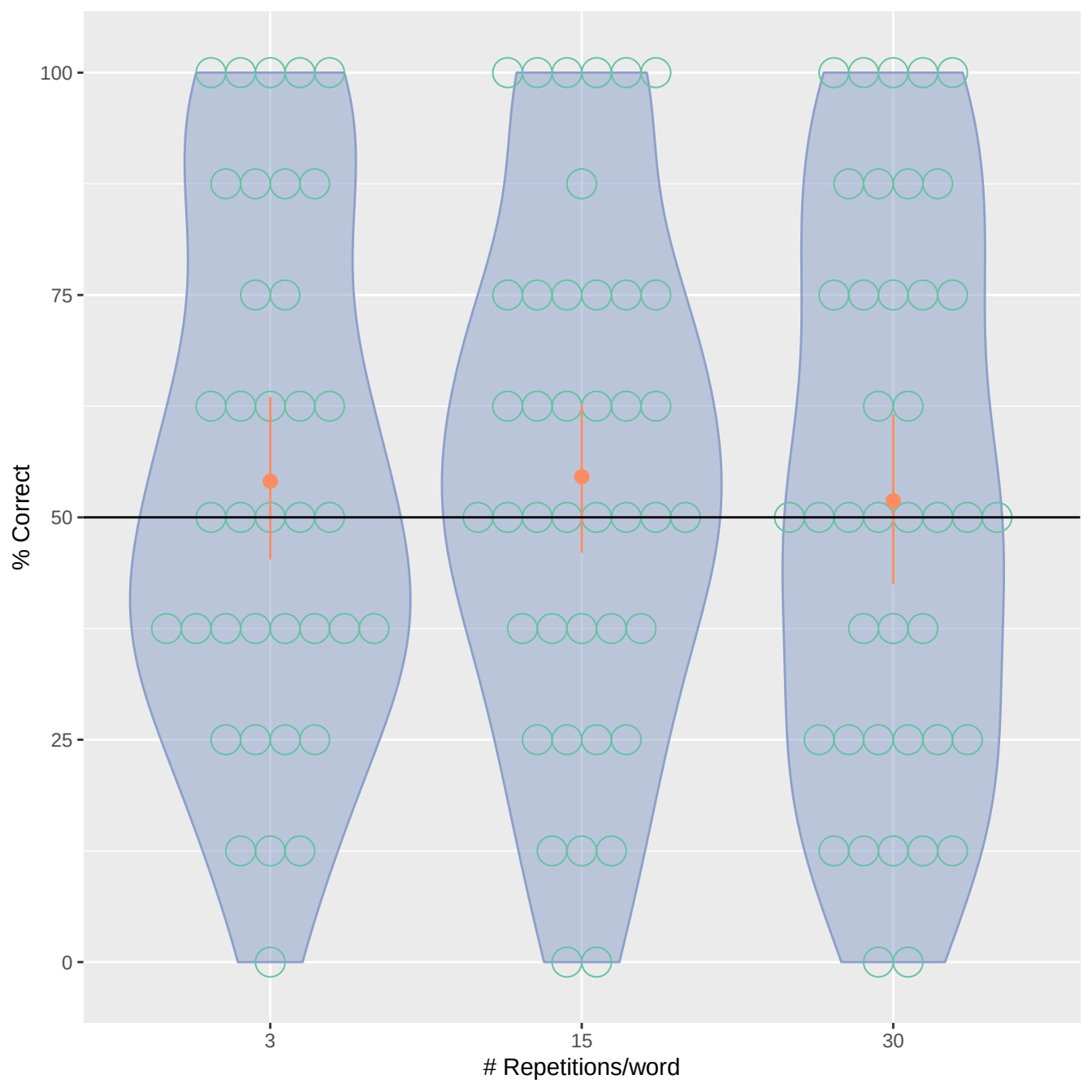

eam Type: Continuo
m Type: Pre−segm
lab−based
online
P correct Final σ
P correct Initial σ
TP FW
0.4
0.5*
0
0.1
−0.1
−0.1
0
0.4
0.2
0.6**
0.7***
0.2
0.4***
0.2*
0.2.
0.1
0.2*
0.1
−0.1
0.3*
0.1
0.4***
0.7***
0.1
P correct Initial σ
P correct Final σ
P correct Recognition

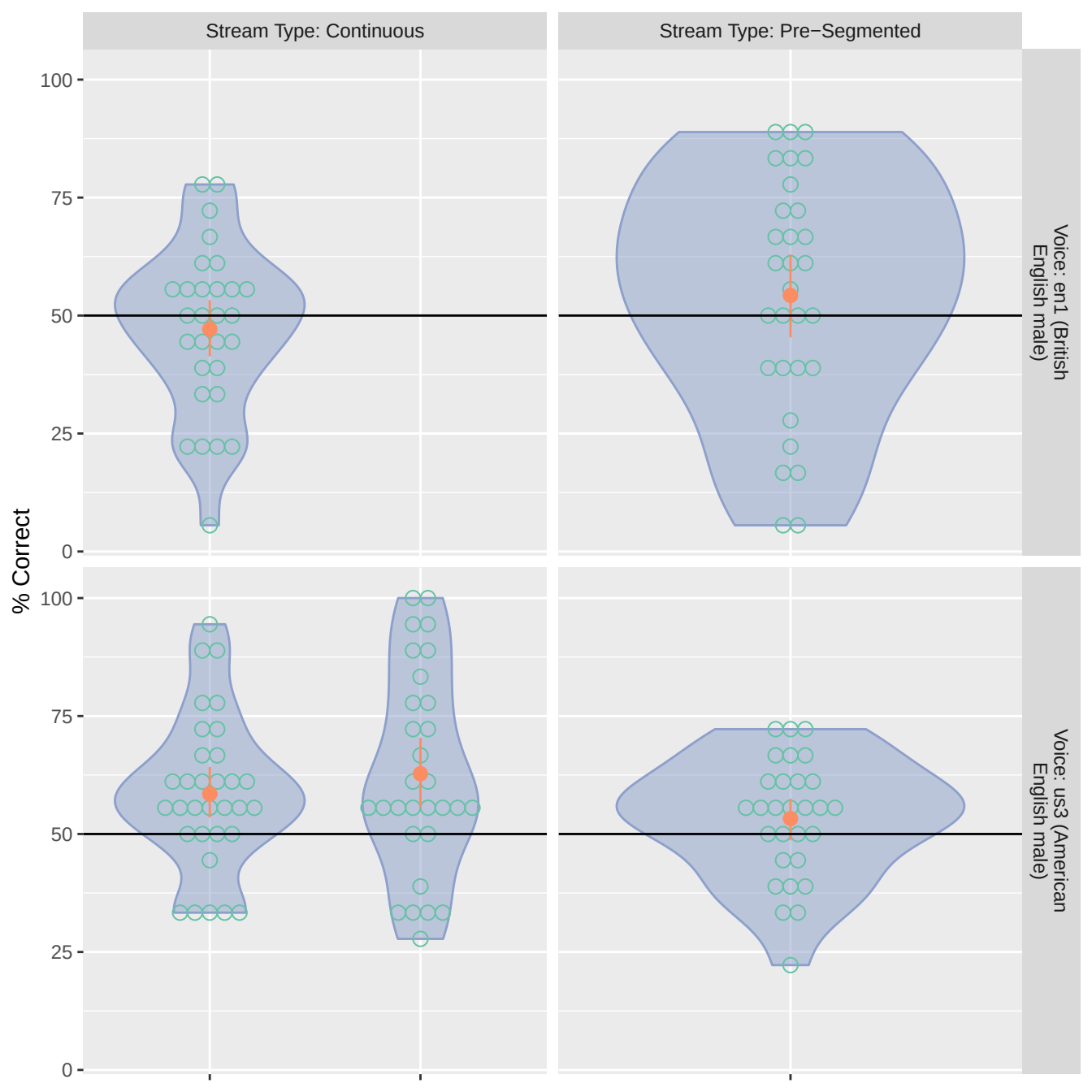

ρ
0.0
0.2
0.4

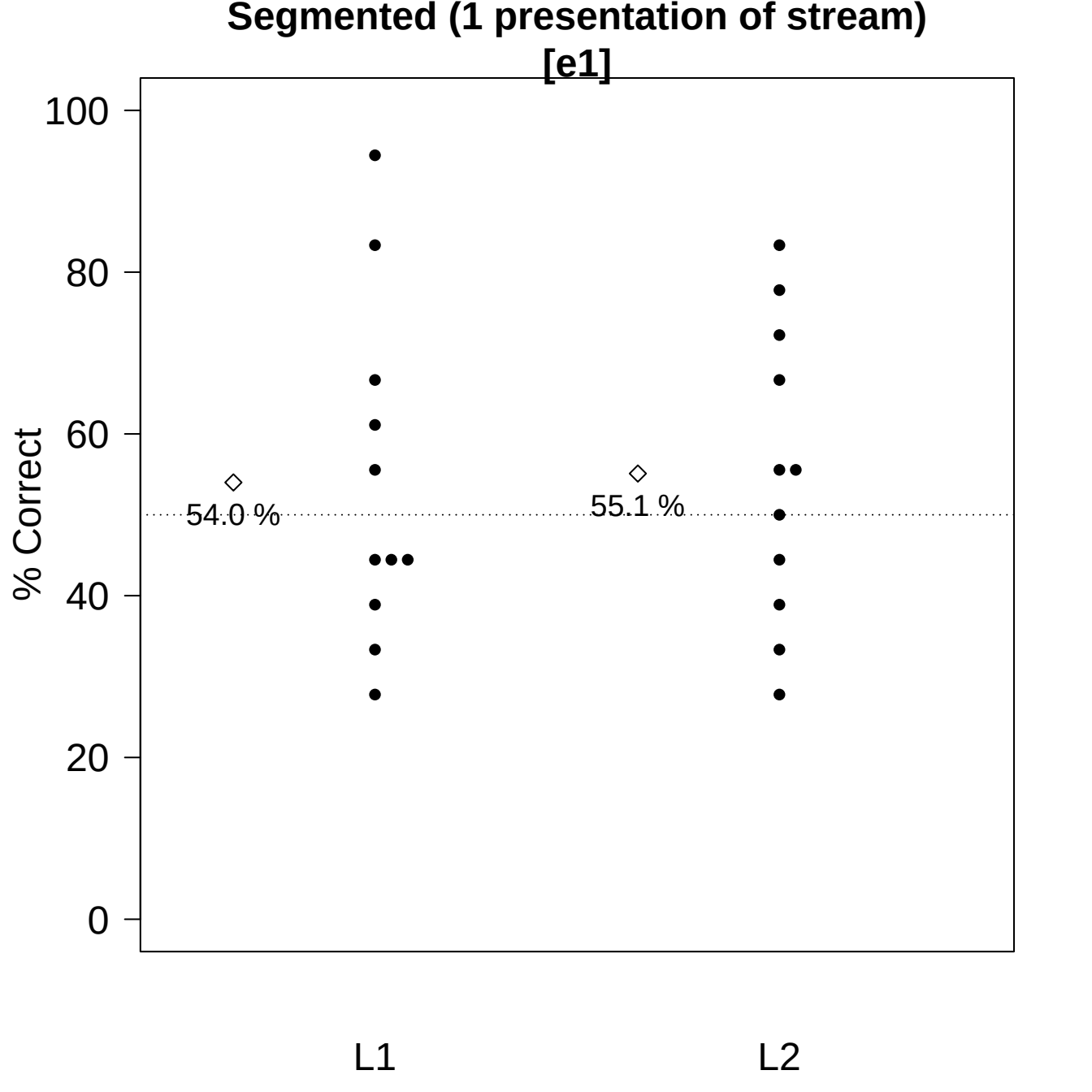

a
Words
lab−based
online
continuous
segmented
b
Words / Productions
c
Part−Words
d
Part−Words / Productions


a
High TP Chunks
lab−based
online
continuous
segmented
b
High TP chunks
Productions
c
Low TP Chunks
d
Low TP chunks


Experiments with the en1 voice
Segmented
Continuous
% Correct
100
75
50
25
0
L1
L2
L1
L2


100
75
50
25
0
% Correct
3
15
30
Repetitions/word


Stream Type: Continuous
Stream Type: Pre−Segmented
Voice: en1 (British English male)
Voice: us3 (American English male)
% Correct
100
75
50
25
0


Segmented (1 presentation of stream)
[e1]
100
80
60
40
20
0
% Correct
54.0 %
55.1 %
L1
L2