

Discrimination of four Canadian-French vowels by native
Canadian-English listeners - Supplementary materials

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Table 1. Planned (Bonferroni-corrected) pairwise t -tests - d' scores, different pairs.

	Group1	Group2	$N1$	$N2$	t -value	df	p	sig.
1	[y]-[u]	[y]-[e]	64	64	-11.93	63.00	< 0.001	****
2	[y]-[u]	[y]-[a]	64	64	-17.16	63.00	<0.001	****
3	[y]-[u]	[u]-[e]	64	64	-17.67	63.00	< 0.001	****
4	[y]-[u]	[u]-[a]	64	64	-20.37	63.00	< 0.001	****
5	[y]-[u]	[e]-[a]	64	64	-14.54	63.00	< 0.001	****
6	[y]-[e]	[y]-[a]	64	64	-8.33	63.00	< 0.001	****
7	[y]-[e]	[u]-[e]	64	64	-3.48	63.00	< 0.05	*
8	[y]-[e]	[u]-[a]	64	64	-9.67	63.00	< 0.001	****
9	[y]-[e]	[e]-[a]	64	64	-2.77	63.00	0.11	ns
10	[y]-[a]	[u]-[e]	64	64	4.04	63.00	< 0.01	**
11	[y]-[a]	[u]-[a]	64	64	-2.95	63.00	0.07	ns
12	[y]-[a]	[e]-[a]	64	64	4.19	63.00	< 0.01	**
13	[u]-[e]	[u]-[a]	64	64	-8.29	63.00	< 0.001	****
14	[u]-[e]	[e]-[a]	64	64	0.55	63.00	1.00	ns
15	[u]-[a]	[e]-[a]	64	64	8.32	63.00	< 0.001	****

Table 2. Planned (Bonferroni-corrected) pairwise t -tests - rates of correct responses, different pairs.

	Group1	Group2	$N1$	$N2$	t -value	df	p	sig.
1	[y]-[u]	[y]-[e]	64	64	-14.33	63.00	< 0.001	****
2	[y]-[u]	[y]-[a]	64	64	-17.51	63.00	< 0.001	****
3	[y]-[u]	[u]-[e]	64	64	-17.49	63.00	< 0.001	****
4	[y]-[u]	[u]-[a]	64	64	-17.57	63.00	< 0.001	****
5	[y]-[u]	[e]-[a]	64	64	-17.00	63.00	< 0.001	****
6	[y]-[e]	[y]-[a]	64	64	-2.82	63.00	0.10	n.s.
7	[y]-[e]	[u]-[e]	64	64	-1.56	63.00	1.00	n.s.
8	y]-[e]	[u]-[a]	64	64	-2.66	63.00	0.15	n.s.
9	[y]-[e]	[e]-[a]	64	64	-1.04	63.00	1.00	n.s.
10	[y]-[a]	[u]-[e]	64	64	1.39	63.00	1.00	n.s.
11	[y]-[a]	[u]-[a]	64	64	0.33	63.00	1.00	n.s.
12	[y]-[a]	[e]-[a]	64	64	2.04	63.00	0.69	n.s.
13	[u]-[e]	[u]-[a]	64	64	-1.40	63.00	1.00	n.s.
14	[u]-[e]	[e]-[a]	64	64	0.75	63.00	1.00	n.s.
15	[u]-[a]	[e]-[a]	64	64	2.08	63.00	0.62	n.s.

Table 3. Planned (Bonferroni-corrected) pairwise t -tests - rates of correct responses, same pairs.

	Group1	Group2	$N1$	$N2$	t -value	df	p	sig.
1	[y]-[y]	[e]-[e]	64	64	3.23	63.00	< 0.05	*
2	[y]-[y]	[a]-[a]	64	64	-4.03	63.00	< 0.001	***
3	[y]-[y]	[u]-[u]	64	64	-4.88	63.00	< 0.001	****
4	[e]-[e]	[a]-[a]	64	64	-7.52	63.00	< 0.001	****
5	[e]-[e]	[u]-[u]	64	64	-7.65	63.00	< 0.001	****
6	[a]-[a]	[u]-[u]	64	64	0.26	63.00	1.00	ns