

**Speed, Accuracy, and Efficiency of Judgements of Coincidence
between Speech Acts and Auditory Perception during a Delayed
Auditory Feedback Paradigm: A Behavioral Study in Patients
with Schizophrenia**

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Supplementary Material

Table S1.

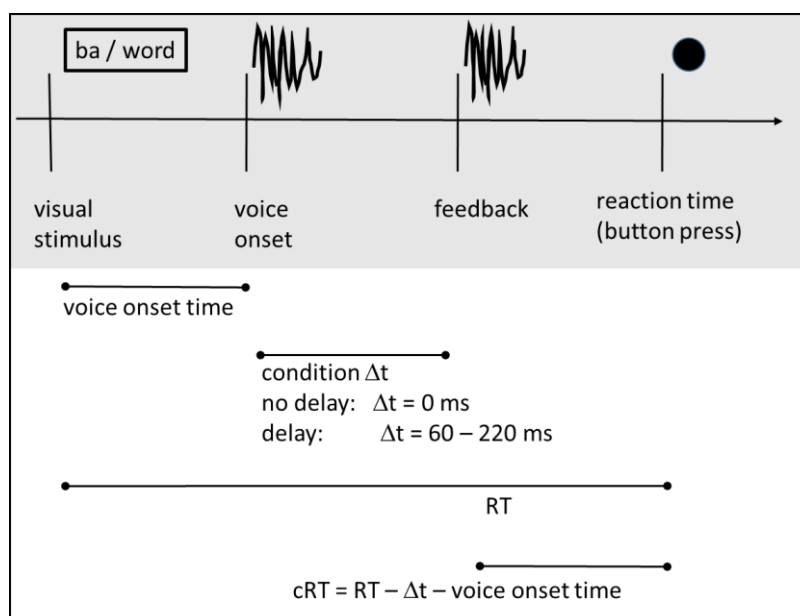
Details on patients' demographics and psychometric measures.

	Diagno- sis [ICD 10]	Age [y]	Sex	PANSS pos	PANSS neg	PANSS total	HRS sum	Psy- RatS hallu	Psy- RatS delusion	PsyRatS total	Medication	Medication II	CPZE [mg]
1-AH	F20.0	35	m	14	16	68	22	31	19	50	paliperidone	pregabalin	400
2-AH	F20.0	44	m	16	16	58	22	15	0	15	clozapine		800
3-AH	F20.0	31	f	9	13	40	16	12	0	12	clozapine		550
4-AH	F20.3	42	f	11	11	48	22	16	0	16	clozapine		350
5-AH	F20.0	50	f	14	19	52	25	30	0	30	clozapine	lamictal, topi- ramat	350
6-AH	F25.0	45	m	21	11	49	10	19	8	27	haloperidol, quetiapine	topiramate	1179
7-AH	F20.0	51	f	12	9	47	31	34	0	34	quetiapine		200
8-AH	F20.0	31	m	12	16	56	22	16	0	16	clozapine, quetiapine		733
9-AH	F25.1	54	m	23	28	92	38	34	22	56	risperidone, quetiapine		1240
10-AH	F20.0	31	f	24	35	95	22	16	22	38	risperidone		150
11-AH	F20.2	61	f	15	18	56	16	23	10	33	risperidone		300
1-NH	F23.1	49	f	11	12	37	0	0	0	0	clozapine		700

2-NH	F20.0	26	m	9	31	80	0	0	0	0	paliperidone, quetiapine		667
3-NH	F25.0	54	f	18	9	50	0	0	12	12	olanzapine	valproate	500
4-NH	F20.0	50	f	21	11	39	0	0	11	11	--	--	
5-NH	F25.1	56	f	13	11	41	0	0	0	0	clozapine, quetiapine	lithium	633
6-NH	F20.1	25	m	20	29	81	0	0	0	0	olanzapine		500
7-NH	F20.0	46	m	15	26	67	0	0	14	14	paliperidon		238
8-NH	F25.0	32	m	10	17	48	0	0	12	12	clozapine	valproate	450
9-NH	F20.3	34	m	17	32	80	0	0	17	17	clozapine	valproate	1320

ICD 10 diagnoses: F20.0 = Paranoid schizophrenia; F20.1 = Hebephrenic schizophrenia; F20.2 1 = Catatonic schizophrenia; F20.3 = Undifferentiated schizophrenia; F23 = Acute polymorphic psychotic disorder with symptoms of schizophrenia; F25 = Schizoaffective disorder. PANSS: Positive and Negative Syndrome Scale; PsyRatS: Psychotic Symptoms Rating Scale; HRS: Hallucination Rating Scale; CPZE: Chlorpromazine-equivalents. Patients with (AH) and without (NH) auditory verbal hallucinations. m = male, f = female.

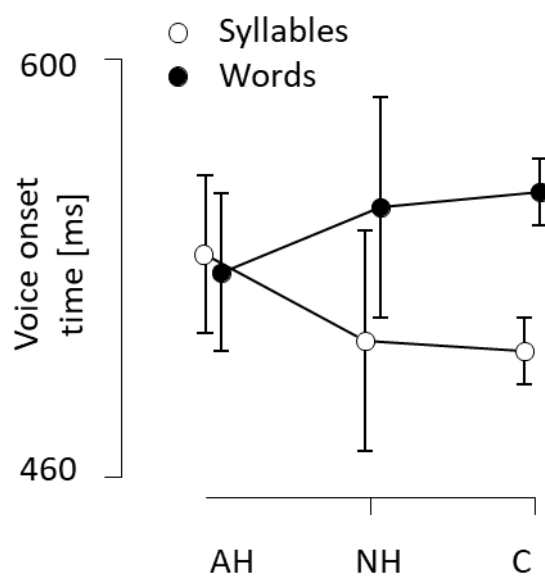
Figure S1. Schema of how the corrected reaction time (cRT) was computed.



The voice onset time comprises the time between visual presentation of the stimulus on the computer screen and the time of the onset of the first verbalization. It was measured with either type of stimulus and averaged, to subtract the mean voice onset time from the individual reaction time. Due to technical issues, this was only based on the individual mean voice onset time of the delayed conditions. However, at the moment of voice onset, it was impossible for the subjects to know if the following feedback would be delayed or not, so we do not expect any systematic differences in voice onset between the no-delay and delay condition.

Δt = delay (both conditions), RT = reaction time, cRT = corrected reaction time.

Figure S2. Mean voice onset for all groups. Mean values with standard deviations for either stimulus type are presented. The voice onset is same in both conditions, delay and no delay, and thus taken together.



C = healthy controls, AH = patients with auditory verbal hallucinations, NH = patients without auditory verbal hallucinations.