Supplementary Materials Online: Visual Statistical Learning Based on Time Information

Sachio Otsuka[1,2]
[1]Faculty of Culture and Information Science, Doshisha University
[2]Graduate School of Human and Environmental Studies, Kyoto University

Contents:

Supplementary Method

MATLAB code for making a sequence of objects in the two-alternative forced-choice task is as follows:

```
% a sequence of objects in the two-alternative forced-choice task
for i = 1:4 % 192 objects
    object_sequence = (1:1:48);
    str = ['object_sequence', num2str(i), ' = object_sequence(:,
        randperm(length(object_sequence)))',];
    eval(str);
    clear('str');
end

while(object_sequence1(end) == object_sequence2(1))
    object_sequence2 = Shuffle(object_sequence2);
end
while(object_sequence3(end) == object_sequence4(1))
    object_sequence4 = Shuffle(object_sequence4);
end

object_vstream1 = [object_sequence1, object_sequence2]; % a sequence of
   objects for triplets
object_vstream2 = [object_sequence3, object_sequence4]; % a sequence of
   objects for foils
```

Supplementary Table 1

Number of triplet and foil chosen as familiar in the two-alternative forced-choice task of Experiments 1A and 1B

experiment	participants	triplet ID	triplet duration	triplet chosen	foil ID	foil duration	foil chosen
Experiment1A	1	1	0.85-0.65-1.05	4	5	0.85-0.8-0.75	5
Experiment1A	1	2	0.9-0.8-0.5	4	6	0.9-0.6-0.95	4
Experiment1A	1	3	0.7-0.6-0.75	6	7	0.7-1-1.05	2
Experiment1A	1	4	0.55-1-0.95	3	8	0.55-0.65-0.5	4
Experiment1A	2	1	0.7-0.5-1	5	5	0.7-0.55-0.65	5
Experiment1A	2	2	0.8-0.55-1.05	5	6	0.8-0.75-0.9	5
Experiment1A	2	3	0.95-0.75-0.65	5	7	0.95-0.85-1	2
Experiment1A	2	4	0.6-0.85-0.9	4	8	0.6-0.5-1.05	1
Experiment1A	3	1	0.75-0.8-0.6	4	5	0.75-0.95-1.05	5
Experiment1A	3	2	0.55-0.95-0.9	3	6	0.55-0.85-0.5	3
Experiment1A	3	3	0.65-0.85-1.05	4	7	0.65-1-0.6	6
Experiment1A	3	4	0.7-1-0.5	3	8	0.7-0.8-0.9	4
Experiment1A	4	1	0.8-0.5-0.85	4	5	0.8-1.05-0.95	2
Experiment1A	4	2	0.6-1.05-0.55	4	6	0.6-0.7-1	6
Experiment1A	4	3	0.75-0.7-0.95	5	7	0.75-0.65-0.85	2
Experiment1A	4	4	0.9-0.65-1	6	8	0.9-0.5-0.55	3
Experiment1A	5	1	0.85-1-0.8	6	5	0.85-0.55-0.65	0
Experiment1A	5	2	1.05-0.55-0.6	6	6	1.05-0.95-0.7	3
Experiment1A	5	3	0.9-0.95-0.65	7	7	0.9-0.5-0.8	3
Experiment1A	5	4	0.75-0.5-0.7	4	8	0.75-1-0.6	3

Experiment1A	6	1	0.7-1.05-0.8	5	5	0.7-0.9-0.95	3
Experiment1A	6	2	1-0.9-0.6	3	6	1-0.85-0.55	4
Experiment1A	6	3	0.65-0.85-0.95	5	7	0.65-0.75-0.8	6
Experiment1A	6	4	0.5-0.75-0.55	3	8	0.5-1.05-0.6	3
Experiment1A	7	1	0.55-1.05-0.65	3	5	0.55-0.9-0.7	3
Experiment1A	7	2	0.95-0.9-0.5	5	6	0.95-0.85-1	3
Experiment1A	7	3	0.75-0.85-0.7	5	7	0.75-0.6-0.65	5
Experiment1A	7	4	0.8-0.6-1	5	8	0.8-1.05-0.5	3
Experiment1A	8	1	0.75-0.55-1.05	6	5	0.75-0.5-0.85	2
Experiment1A	8	2	0.95-0.5-0.8	3	6	0.95-0.9-1	3
Experiment1A	8	3	0.65-0.9-0.85	5	7	0.65-0.6-1.05	5
Experiment1A	8	4	0.7-0.6-1	4	8	0.7-0.55-0.8	4
Experiment1A	9	1	0.75-0.5-1.05	7	5	0.75-1-0.55	1
Experiment1A	9	2	0.6-1-0.8	7	6	0.6-0.65-0.7	2
Experiment1A	9	3	0.9-0.65-0.55	5	7	0.9-0.95-1.05	2
Experiment1A	9	4	0.85-0.95-0.7	5	8	0.85-0.5-0.8	3
Experiment1A	10	1	0.6-0.55-1.05	5	5	0.6-0.8-0.85	1
Experiment1A	10	2	0.95-0.8-0.75	4	6	0.95-0.65-0.9	5
Experiment1A	10	3	0.5-0.65-0.85	2	7	0.5-1-1.05	6
Experiment1A	10	4	0.7-1-0.9	4	8	0.7-0.55-0.75	5
Experiment1A	11	1	0.95-1-0.65	3	5	0.95-0.85-1.05	4
Experiment1A	11	2	0.5-0.85-0.7	6	6	0.5-0.55-0.8	2

Experiment1A	11	3	0.75-0.55-1.05	5	7	0.75-0.9-0.65	4
Experiment1A	11	4	0.6-0.9-0.8	4	8	0.6-1-0.7	4
Experiment1A	12	1	0.85-0.7-0.75	5	5	0.85-0.95-1	4
Experiment1A	12	2	0.5-0.95-0.65	3	6	0.5-0.9-0.8	4
Experiment1A	12	3	0.55-0.9-1	5	7	0.55-0.6-0.75	5
Experiment1A	12	4	1.05-0.6-0.8	3	8	1.05-0.7-0.65	3
Experiment1A	13	1	0.55-0.95-0.9	5	5	0.55-0.8-1.05	2
Experiment1A	13	2	0.65-0.8-0.6	4	6	0.65-0.7-0.75	5
Experiment1A	13	3	0.85-0.7-1.05	7	7	0.85-0.5-0.9	4
Experiment1A	13	4	1-0.5-0.75	2	8	1-0.95-0.6	3
Experiment1A	14	1	1.05-0.8-0.85	7	5	1.05-0.6-0.7	5
Experiment1A	14	2	0.5-0.6-0.9	3	6	0.5-1-0.65	5
Experiment1A	14	3	0.55-1-0.7	3	7	0.55-0.95-0.85	3
Experiment1A	14	4	0.75-0.95-0.65	4	8	0.75-0.8-0.9	2
Experiment1A	15	1	0.7-0.6-0.95	2	5	0.7-0.9-1	2
Experiment1A	15	2	0.8-0.9-0.65	5	6	0.8-0.5-1.05	4
Experiment1A	15	3	0.75-0.5-1	7	7	0.75-0.55-0.95	3
Experiment1A	15	4	0.85-0.55-1.05	7	8	0.85-0.6-0.65	2
Experiment1A	16	1	0.9-0.5-0.7	2	5	0.9-0.65-1.05	2
Experiment1A	16	2	0.55-0.65-0.85	3	6	0.55-1-0.75	6
Experiment1A	16	3	0.95-1-1.05	3	7	0.95-0.8-0.7	6
Experiment1A	16	4	0.6-0.8-0.75	5	8	0.6-0.5-0.85	5

Experiment1A	17	1	0.6-1-0.5	8	5	0.6-1.05-0.7	2
Experiment1A	17	2	0.9-1.05-0.8	4	6	0.9-0.85-0.65	4
Experiment1A	17	3	0.55-0.85-0.7	3	7	0.55-0.95-0.5	3
Experiment1A	17	4	0.75-0.95-0.65	6	8	0.75-1-0.8	2
Experiment1A	18	1	0.95-0.5-0.6	5	5	0.95-0.8-0.9	3
Experiment1A	18	2	0.55-0.8-0.85	3	6	0.55-0.7-1	5
Experiment1A	18	3	0.75-0.7-0.9	2	7	0.75-1.05-0.6	5
Experiment1A	18	4	0.65-1.05-1	6	8	0.65-0.5-0.85	3
Experiment1A	19	1	0.65-0.55-0.6	5	5	0.65-0.9-0.5	4
Experiment1A	19	2	1.05-0.9-0.7	6	6	1.05-1-0.85	2
Experiment1A	19	3	0.95-1-0.5	3	7	0.95-0.8-0.6	3
Experiment1A	19	4	0.75-0.8-0.85	5	8	0.75-0.55-0.7	4
Experiment1A	20	1	0.9-1.05-0.8	5	5	0.9-0.75-0.7	4
Experiment1A	20	2	0.6-0.75-1	6	6	0.6-0.5-0.85	2
Experiment1A	20	3	0.95-0.5-0.7	4	7	0.95-0.65-0.8	3
Experiment1A	20	4	0.55-0.65-0.85	5	8	0.55-1.05-1	3
Experiment1A	21	1	0.9-0.5-0.55	3	5	0.9-0.75-0.85	2
Experiment1A	21	2	1-0.75-0.95	2	6	1-0.6-0.7	7
Experiment1A	21	3	0.8-0.6-0.85	3	7	0.8-0.65-0.55	4
Experiment1A	21	4	1.05-0.65-0.7	6	8	1.05-0.5-0.95	5
Experiment1A	22	1	0.85-1-0.7	3	5	0.85-1.05-0.95	4
Experiment1A	22	2	0.8-1.05-0.65	5	6	0.8-0.5-0.6	3

Experiment1A	22	3	0.75-0.5-0.95	3	7	0.75-0.9-0.7	4
Experiment1A	22	4	0.55-0.9-0.6	5	8	0.55-1-0.65	5
Experiment1A	23	1	0.6-0.7-0.9	2	5	0.6-1.05-1	4
Experiment1A	23	2	0.55-1.05-0.75	4	6	0.55-0.95-0.85	4
Experiment1A	23	3	0.8-0.95-1	3	7	0.8-0.5-0.9	5
Experiment1A	23	4	0.65-0.5-0.85	5	8	0.65-0.7-0.75	5
Experiment1A	24	1	0.95-0.9-0.6	4	5	0.95-1-1.05	3
Experiment1A	24	2	0.85-1-0.8	3	6	0.85-0.5-0.65	3
Experiment1A	24	3	0.75-0.5-1.05	5	7	0.75-0.55-0.6	6
Experiment1A	24	4	0.7-0.55-0.65	6	8	0.7-0.9-0.8	2
Experiment1A	25	1	0.65-0.6-0.85	7	5	0.65-1.05-1	3
Experiment1A	25	2	0.8-1.05-0.55	6	6	0.8-0.7-0.75	2
Experiment1A	25	3	0.9-0.7-1	5	7	0.9-0.5-0.85	5
Experiment1A	25	4	0.95-0.5-0.75	3	8	0.95-0.6-0.55	1
Experiment1A	26	1	0.6-0.85-0.8	3	5	0.6-0.95-1.05	6
Experiment1A	26	2	0.5-0.95-0.75	6	6	0.5-1-0.7	3
Experiment1A	26	3	0.65-1-1.05	3	7	0.65-0.9-0.8	4
Experiment1A	26	4	0.55-0.9-0.7	3	8	0.55-0.85-0.75	4
Experiment1A	27	1	0.9-0.85-0.8	4	5	0.9-0.6-0.5	4
Experiment1A	27	2	1.05-0.6-0.95	5	6	1.05-0.7-0.65	3
Experiment1A	27	3	0.75-0.7-0.5	2	7	0.75-1-0.8	4
Experiment1A	27	4	0.55-1-0.65	6	8	0.55-0.85-0.95	4

Experiment1B	28	1	1-0.5-1.05	5	5	1-0.7-0.9	3
Experiment1B	28	2	0.8-0.7-0.85	5	6	0.8-0.75-0.95	3
Experiment1B	28	3	0.65-0.75-0.9	5	7	0.65-0.6-1.05	3
Experiment1B	28	4	0.55-0.6-0.95	3	8	0.55-0.5-0.85	5
Experiment1B	29	1	0.5-0.65-1	6	5	0.5-0.75-0.9	3
Experiment1B	29	2	1.05-0.75-0.85	4	6	1.05-0.7-0.6	3
Experiment1B	29	3	0.8-0.7-0.9	5	7	0.8-0.95-1	4
Experiment1B	29	4	0.55-0.95-0.6	4	8	0.55-0.65-0.85	3
Experiment1B	30	1	0.55-1.05-0.85	4	5	0.55-1-0.7	4
Experiment1B	30	2	0.9-1-0.5	4	6	0.9-0.6-0.95	4
Experiment1B	30	3	0.75-0.6-0.7	5	7	0.75-0.65-0.85	5
Experiment1B	30	4	0.8-0.65-0.95	4	8	0.8-1.05-0.5	2
Experiment1B	31	1	0.5-0.9-0.85	4	5	0.5-0.75-0.55	3
Experiment1B	31	2	0.65-0.75-0.6	4	6	0.65-0.8-1.05	5
Experiment1B	31	3	1-0.8-0.55	4	7	1-0.95-0.85	4
Experiment1B	31	4	0.7-0.95-1.05	2	8	0.7-0.9-0.6	6
Experiment1B	32	1	0.75-1.05-0.85	3	5	0.75-0.55-0.95	1
Experiment1B	32	2	0.7-0.55-0.5	5	6	0.7-0.8-0.65	4
Experiment1B	32	3	0.6-0.8-0.95	3	7	0.6-0.9-0.85	4
Experiment1B	32	4	1-0.9-0.65	7	8	1-1.05-0.5	5
Experiment1B	33	1	0.85-0.5-0.55	2	5	0.85-0.75-0.65	3
Experiment1B	33	2	0.9-0.75-0.6	5	6	0.9-1-0.95	6

Experiment1B	33	3	0.8-1-0.65	3	7	0.8-1.05-0.55	2
Experiment1B	33	4	0.7-1.05-0.95	5	8	0.7-0.5-0.6	6
Experiment1B	34	1	0.8-0.6-1	6	5	0.8-0.85-0.65	3
Experiment1B	34	2	0.95-0.85-0.7	4	6	0.95-0.75-1.05	7
Experiment1B	34	3	0.5-0.75-0.65	4	7	0.5-0.55-1	3
Experiment1B	34	4	0.9-0.55-1.05	3	8	0.9-0.6-0.7	2
Experiment1B	35	1	0.85-0.9-0.55	6	5	0.85-1.05-0.6	2
Experiment1B	35	2	0.8-1.05-0.5	6	6	0.8-0.75-0.65	3
Experiment1B	35	3	1-0.75-0.6	5	7	1-0.7-0.55	3
Experiment1B	35	4	0.95-0.7-0.65	4	8	0.95-0.9-0.5	3
Experiment1B	36	1	0.95-0.55-0.5	2	5	0.95-0.6-0.65	6
Experiment1B	36	2	0.8-0.6-0.85	3	6	0.8-0.9-0.75	5
Experiment1B	36	3	1-0.9-0.65	3	7	1-0.7-0.5	5
Experiment1B	36	4	1.05-0.7-0.75	5	8	1.05-0.55-0.85	3
Experiment1B	37	1	1.05-0.7-0.75	4	5	1.05-0.85-0.8	3
Experiment1B	37	2	0.65-0.85-0.9	7	6	0.65-0.6-0.5	2
Experiment1B	37	3	0.95-0.6-0.8	6	7	0.95-1-0.75	2
Experiment1B	37	4	0.55-1-0.5	7	8	0.55-0.7-0.9	1
Experiment1B	38	1	0.95-0.9-0.8	2	5	0.95-1-0.6	6
Experiment1B	38	2	1.05-1-0.55	2	6	1.05-0.65-0.85	6
Experiment1B	38	3	0.5-0.65-0.6	5	7	0.5-0.7-0.8	4
Experiment1B	38	4	0.75-0.7-0.85	4	8	0.75-0.9-0.55	3

Experiment1B	39	1	0.5-1-0.8	6	5	0.5-0.55-1.05	4
Experiment1B	39	2	0.7-0.55-0.95	4	6	0.7-0.6-0.9	4
Experiment1B	39	3	0.75-0.6-1.05	7	7	0.75-0.85-0.8	1
Experiment1B	39	4	0.65-0.85-0.9	4	8	0.65-1-0.95	2
Experiment1B	40	1	0.85-1-0.5	7	5	0.85-0.9-0.75	3
Experiment1B	40	2	0.6-0.9-1.05	4	6	0.6-0.7-0.65	1
Experiment1B	40	3	0.8-0.7-0.75	5	7	0.8-0.95-0.5	5
Experiment1B	40	4	0.55-0.95-0.65	5	8	0.55-1-1.05	2
Experiment1B	41	1	0.6-1-0.95	5	5	0.6-0.55-0.9	3
Experiment1B	41	2	0.7-0.55-1.05	5	6	0.7-0.8-0.85	3
Experiment1B	41	3	0.75-0.8-0.9	3	7	0.75-0.5-0.95	5
Experiment1B	41	4	0.65-0.5-0.85	3	8	0.65-1-1.05	5
Experiment1B	42	1	0.75-0.8-0.6	4	5	0.75-0.55-0.5	7
Experiment1B	42	2	1.05-0.55-1	3	6	1.05-0.85-0.9	2
Experiment1B	42	3	0.7-0.85-0.5	3	7	0.7-0.65-0.6	5
Experiment1B	42	4	0.95-0.65-0.9	4	8	0.95-0.8-1	4
Experiment1B	43	1	1.05-0.75-0.7	5	5	1.05-0.55-0.5	3
Experiment1B	43	2	0.6-0.55-0.9	2	6	0.6-0.85-0.95	3
Experiment1B	43	3	1-0.85-0.5	4	7	1-0.65-0.7	6
Experiment1B	43	4	0.8-0.65-0.95	4	8	0.8-0.75-0.9	5
Experiment1B	44	1	0.95-0.9-0.75	5	5	0.95-0.85-1.05	2
Experiment1B	44	2	0.5-0.85-0.8	5	6	0.5-0.55-1	3

Experiment1B	44	3	0.6-0.55-1.05	5	7	0.6-0.7-0.75	6
Experiment1B	44	4	0.65-0.7-1	5	8	0.65-0.9-0.8	1
Experiment1B	45	1	0.9-0.75-0.85	7	5	0.9-0.65-0.95	2
Experiment1B	45	2	0.6-0.65-0.55	5	6	0.6-0.7-1	4
Experiment1B	45	3	1.05-0.7-0.95	4	7	1.05-0.8-0.85	1
Experiment1B	45	4	0.5-0.8-1	4	8	0.5-0.75-0.55	5
Experiment1B	46	1	0.95-0.9-0.55	4	5	0.95-1-0.6	2
Experiment1B	46	2	1.05-1-0.5	4	6	1.05-0.8-0.75	5
Experiment1B	46	3	0.85-0.8-0.6	6	7	0.85-0.65-0.55	2
Experiment1B	46	4	0.7-0.65-0.75	5	8	0.7-0.9-0.5	4
Experiment1B	47	1	0.75-0.9-0.95	5	5	0.75-0.55-0.5	3
Experiment1B	47	2	0.8-0.55-1	4	6	0.8-0.85-0.65	5
Experiment1B	47	3	0.7-0.85-0.5	5	7	0.7-1.05-0.95	2
Experiment1B	47	4	0.6-1.05-0.65	3	8	0.6-0.9-1	5
Experiment1B	48	1	0.9-1-0.8	5	5	0.9-0.95-0.6	4
Experiment1B	48	2	0.85-0.95-0.75	5	6	0.85-0.5-1.05	3
Experiment1B	48	3	0.65-0.5-0.6	5	7	0.65-0.55-0.8	3
Experiment1B	48	4	0.7-0.55-1.05	2	8	0.7-1-0.75	5
Experiment1B	49	1	1-0.65-0.5	1	5	1-1.05-0.8	4
Experiment1B	49	2	0.55-1.05-0.7	3	6	0.55-0.6-0.95	6
Experiment1B	49	3	0.9-0.6-0.8	4	7	0.9-0.75-0.5	5
Experiment1B	49	4	0.85-0.75-0.95	6	8	0.85-0.65-0.7	3

Experiment1B	50	1	0.7-0.65-0.95	4	5	0.7-0.8-1.05	2
Experiment1B	50	2	0.55-0.8-0.85	5	6	0.55-1-0.6	5
Experiment1B	50	3	0.5-1-1.05	5	7	0.5-0.9-0.95	4
Experiment1B	50	4	0.75-0.9-0.6	4	8	0.75-0.65-0.85	3
Experiment1B	51	1	0.8-0.5-0.65	4	5	0.8-0.9-0.95	2
Experiment1B	51	2	0.75-0.9-1.05	7	6	0.75-0.7-1	2
Experiment1B	51	3	0.85-0.7-0.95	7	7	0.85-0.6-0.65	1
Experiment1B	51	4	0.55-0.6-1	6	8	0.55-0.5-1.05	3
Experiment1B	52	1	0.65-1.05-1	5	5	0.65-0.9-0.55	5
Experiment1B	52	2	0.5-0.9-0.95	4	6	0.5-0.6-0.75	2
Experiment1B	52	3	0.85-0.6-0.55	5	7	0.85-0.7-1	4
Experiment1B	52	4	0.8-0.7-0.75	3	8	0.8-1.05-0.95	4
Experiment1B	53	1	0.8-0.65-0.7	3	5	0.8-0.95-1.05	5
Experiment1B	53	2	1-0.95-0.75	4	6	1-0.85-0.55	3
Experiment1B	53	3	0.6-0.85-1.05	4	7	0.6-0.9-0.7	4
Experiment1B	53	4	0.5-0.9-0.55	6	8	0.5-0.65-0.75	3
Experiment1B	54	1	0.75-0.9-0.6	6	5	0.75-0.8-0.95	6
Experiment1B	54	2	0.65-0.8-1.05	3	6	0.65-0.85-0.55	2
Experiment1B	54	3	0.7-0.85-0.95	5	7	0.7-1-0.6	2
Experiment1B	54	4	0.5-1-0.55	5	8	0.5-0.9-1.05	3
Experiment1B	55	1	1.05-0.8-0.65	5	5	1.05-1-0.55	4
Experiment1B	55	2	0.7-1-0.85	4	6	0.7-0.75-0.9	7

Experiment1B	55	3	0.6-0.75-0.55	1	7	0.6-0.5-0.65	3
Experiment1B	55	4	0.95-0.5-0.9	5	8	0.95-0.8-0.85	3

Note. Triplet ID represents as follows: 1 = ABC, 2 = DEF, 3 = GHI, 4 = JKL. Foil ID represents as follows: 5 = AEI, 6 = DHL, 7 = GKC, 8 = JBF. The unit of triplet duration and foil duration is second. Triplet chosen and foil chosen mean the number of triplet or foil chosen as familiar in the two-alternative forced-choice task.

Supplementary Table 2

Generalized Linear Mixed Model on the Data of Experiments 1A and 1B With Each Duration of Objects and Blanks in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.11	1.85	.064	[-0.17, 0.59]	
The first duration of triplet	.01	0.05	0.11	.914	[-0.10, 0.11]	.134
The second duration of triplet	.05	0.05	0.94	.346	[-0.05, 0.15]	.209
The third duration of triplet	.06	0.05	1.19	.236	[-0.04, 0.16]	.260
The first duration of foil	.03	0.05	0.65	.513	[-0.07, 0.13]	.161
The second duration of foil	.02	0.05	0.43	.665	[-0.08, 0.12]	.138
The third duration of foil	.02	0.05	0.35	.726	[-0.08, 0.12]	.127

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 3

Generalized Linear Mixed Model on the Data of Experiments 1A and 1B With the Differences Between the First and Second Durations and Those Between the Second and Third Durations in Triplets and Foils in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.11	1.85	.064	[-0.17, 0.59]	
Difference between the first and second durations of triplets	-.05	0.06	-0.84	.403	[-0.17, 0.07]	.194
Difference between the second and third durations of triplets	-.04	0.06	-0.62	.533	[-0.15, 0.08]	.182
Difference between the first and second durations of foils	.01	0.06	0.19	.851	[-0.10, 0.12]	.141
Difference between the second and third durations of foils	.01	0.06	0.18	.857	[-0.10, 0.12]	.157

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 4

Generalized Linear Mixed Model on the Data of Experiments 1A and 1B With the Difference Between the Mean Timing of Triplet Durations and of Foil Durations in the Test Phase as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.11	1.85	.064	[-0.17, 0.59]	
Difference between the mean timing of triplet durations and that of foil durations	.00	0.05	0.09	.931	[-0.09, 0.10]	.124

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 5

Generalized Linear Mixed Model on the Data of Experiments 1A and 1B With the Similarity of a Given Triplet to the Remaining Three Triplets as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.11	1.86	.063	[-0.01, 0.42]	
Similarity of distinctiveness of durations in a given triplet to those in the remaining three triplets	.03	0.05	0.67	.504	[-0.06, 0.13]	.146
Similarity of mean durations in a given triplet to those in the remaining three triplets	-.07	0.05	-1.46	.143	[-0.17, 0.02]	.326

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 6

Generalized Linear Mixed Model on the Data of Experiments 1A and 1B With the Mean Amplitude of Frequency Bands of Each Triplet as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.11	1.86	.063	[-0.17, 0.59]	
Frequency bands	-.05	0.05	-1.06	.289	[-0.15, 0.04]	.213

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 7

Number of triplet and foil chosen as familiar in the two-alternative forced-choice task of Experiments 2A and 2B

experiment	participants	triplet ID	triplet duration	triplet chosen	foil ID	foil duration	foil chosen
Experiment 2A	1	1	0.85-0.65-0.95	4	5	0.85-0.8-0.5	4
Experiment 2A	1	2	0.7-0.8-1.05	5	6	0.7-0.9-0.75	4
Experiment 2A	1	3	0.55-0.9-0.5	4	7	0.55-1-0.95	4
Experiment 2A	1	4	0.6-1-0.75	5	8	0.6-0.65-1.05	2
Experiment 2A	2	1	0.7-1-0.5	2	5	0.7-0.9-0.6	4
Experiment 2A	2	2	0.85-0.9-0.65	4	6	0.85-0.95-1.05	3
Experiment 2A	2	3	0.8-0.95-0.6	5	7	0.8-0.55-0.5	4
Experiment 2A	2	4	0.75-0.55-1.05	5	8	0.75-1-0.65	5
Experiment 2A	3	1	0.7-0.65-0.75	3	5	0.7-0.9-0.8	5
Experiment 2A	3	2	1.05-0.9-0.6	2	6	1.05-1-0.85	4
Experiment 2A	3	3	0.95-1-0.8	5	7	0.95-0.5-0.75	4
Experiment 2A	3	4	0.55-0.5-0.85	4	8	0.55-0.65-0.6	5
Experiment 2A	4	1	0.7-0.5-0.65	3	5	0.7-1.05-0.8	1
Experiment 2A	4	2	0.9-1.05-0.95	4	6	0.9-0.85-0.75	5
Experiment 2A	4	3	0.6-0.85-0.8	5	7	0.6-1-0.65	4
Experiment 2A	4	4	0.55-1-0.75	6	8	0.55-0.5-0.95	4
Experiment 2A	5	1	0.8-0.95-0.5	3	5	0.8-1-0.9	5
Experiment 2A	5	2	0.85-1-0.55	3	6	0.85-0.7-0.65	7
Experiment 2A	5	3	0.6-0.7-0.9	4	7	0.6-1.05-0.5	3
Experiment 2A	5	4	0.75-1.05-0.65	4	8	0.75-0.95-0.55	3

Experiment 2A	6	1	0.55-0.85-0.9	5	5	0.55-0.95-0.8	6
Experiment 2A	6	2	0.75-0.95-1.05	4	6	0.75-1-0.6	5
Experiment 2A	6	3	0.7-1-0.8	5	7	0.7-0.5-0.9	2
Experiment 2A	6	4	0.65-0.5-0.6	4	8	0.65-0.85-1.05	1
Experiment 2A	7	1	0.7-0.5-1.05	2	5	0.7-0.8-1	4
Experiment 2A	7	2	0.85-0.8-0.6	3	6	0.85-0.95-0.75	5
Experiment 2A	7	3	0.9-0.95-1	6	7	0.9-0.65-1.05	4
Experiment 2A	7	4	0.55-0.65-0.75	5	8	0.55-0.5-0.6	3
Experiment 2A	8	1	0.85-1.05-0.65	6	5	0.85-0.5-0.75	1
Experiment 2A	8	2	0.7-0.5-0.6	5	6	0.7-0.55-0.95	4
Experiment 2A	8	3	1-0.55-0.75	4	7	1-0.9-0.65	3
Experiment 2A	8	4	0.8-0.9-0.95	6	8	0.8-1.05-0.6	3
Experiment 2A	9	1	0.65-0.6-0.75	4	5	0.65-0.9-0.7	6
Experiment 2A	9	2	0.8-0.9-0.5	4	6	0.8-0.55-1	2
Experiment 2A	9	3	0.85-0.55-0.7	2	7	0.85-0.95-0.75	6
Experiment 2A	9	4	1.05-0.95-1	4	8	1.05-0.6-0.5	4
Experiment 2A	10	1	0.6-0.85-0.7	4	5	0.6-0.8-0.55	4
Experiment 2A	10	2	0.95-0.8-0.65	5	6	0.95-1.05-0.9	4
Experiment 2A	10	3	1-1.05-0.55	5	7	1-0.75-0.7	3
Experiment 2A	10	4	0.5-0.75-0.9	3	8	0.5-0.85-0.65	4
Experiment 2A	11	1	0.55-0.85-0.9	4	5	0.55-0.95-0.8	3
Experiment 2A	11	2	0.75-0.95-1.05	3	6	0.75-1-0.6	1

Experiment 2A	11	3	0.7-1-0.8	6	7	0.7-0.5-0.9	6
Experiment 2A	11	4	0.65-0.5-0.6	4	8	0.65-0.85-1.05	5
Experiment 2A	12	1	0.8-0.7-1	6	5	0.8-0.75-1.05	3
Experiment 2A	12	2	0.6-0.75-0.65	5	6	0.6-0.5-0.95	3
Experiment 2A	12	3	0.85-0.5-1.05	5	7	0.85-0.9-1	4
Experiment 2A	12	4	0.55-0.9-0.95	4	8	0.55-0.7-0.65	2
Experiment 2A	13	1	0.55-0.5-1.05	3	5	0.55-0.7-0.75	5
Experiment 2A	13	2	1-0.7-0.95	3	6	1-0.85-0.6	2
Experiment 2A	13	3	0.65-0.85-0.75	3	7	0.65-0.9-1.05	8
Experiment 2A	13	4	0.8-0.9-0.6	5	8	0.8-0.5-0.95	3
Experiment 2A	14	1	0.65-0.5-1.05	4	5	0.65-0.6-0.95	2
Experiment 2A	14	2	0.75-0.6-0.9	6	6	0.75-0.7-1	1
Experiment 2A	14	3	0.55-0.7-0.95	7	7	0.55-0.85-1.05	2
Experiment 2A	14	4	0.8-0.85-1	8	8	0.8-0.5-0.9	2
Experiment 2A	15	1	1.05-0.8-0.85	1	5	1.05-0.55-0.95	3
Experiment 2A	15	2	0.65-0.55-0.7	6	6	0.65-0.9-1	3
Experiment 2A	15	3	0.6-0.9-0.95	5	7	0.6-0.75-0.85	5
Experiment 2A	15	4	0.5-0.75-1	3	8	0.5-0.8-0.7	6
Experiment 2A	16	1	0.85-0.8-0.7	4	5	0.85-0.55-0.65	3
Experiment 2A	16	2	1.05-0.55-1	4	6	1.05-0.9-0.5	2
Experiment 2A	16	3	0.95-0.9-0.65	7	7	0.95-0.75-0.7	3
Experiment 2A	16	4	0.6-0.75-0.5	6	8	0.6-0.8-1	3

Experiment 2A	17	1	0.5-0.95-0.6	3	5	0.5-0.8-0.55	6
Experiment 2A	17	2	1.05-0.8-1	3	6	1.05-0.85-0.7	5
Experiment 2A	17	3	0.65-0.85-0.55	4	7	0.65-0.9-0.6	4
Experiment 2A	17	4	0.75-0.9-0.7	3	8	0.75-0.95-1	4
Experiment 2A	18	1	0.95-0.75-0.7	6	5	0.95-0.9-0.6	4
Experiment 2A	18	2	0.65-0.9-0.5	5	6	0.65-0.85-0.55	3
Experiment 2A	18	3	1-0.85-0.6	6	7	1-0.8-0.7	0
Experiment 2A	18	4	1.05-0.8-0.55	6	8	1.05-0.75-0.5	2
Experiment 2A	19	1	0.85-0.9-0.55	4	5	0.85-1.05-0.6	4
Experiment 2A	19	2	0.8-1.05-0.5	6	6	0.8-0.75-0.65	3
Experiment 2A	19	3	1-0.75-0.6	4	7	1-0.7-0.55	3
Experiment 2A	19	4	0.95-0.7-0.65	5	8	0.95-0.9-0.5	3
Experiment 2A	20	1	0.6-0.9-0.5	3	5	0.6-1.05-0.65	5
Experiment 2A	20	2	1-1.05-0.55	5	6	1-0.85-0.95	4
Experiment 2A	20	3	0.8-0.85-0.65	6	7	0.8-0.75-0.5	3
Experiment 2A	20	4	0.7-0.75-0.95	2	8	0.7-0.9-0.55	4
Experiment 2A	21	1	0.85-0.55-0.6	2	5	0.85-0.7-0.75	6
Experiment 2A	21	2	0.8-0.7-0.95	6	6	0.8-0.9-0.65	6
Experiment 2A	21	3	1.05-0.9-0.75	3	7	1.05-1-0.6	4
Experiment 2A	21	4	0.5-1-0.65	3	8	0.5-0.55-0.95	2
Experiment 2A	22	1	0.8-0.85-0.55	4	5	0.8-1.05-0.65	1
Experiment 2A	22	2	0.95-1.05-0.75	8	6	0.95-0.9-0.6	1

Experiment 2A	22	3	1-0.9-0.65	7	7	1-0.7-0.55	4
Experiment 2A	22	4	0.5-0.7-0.6	4	8	0.5-0.85-0.75	3
Experiment 2A	23	1	0.75-0.6-1.05	7	5	0.75-0.8-0.85	2
Experiment 2A	23	2	0.9-0.8-0.7	3	6	0.9-0.65-0.95	2
Experiment 2A	23	3	0.5-0.65-0.85	5	7	0.5-0.55-1.05	1
Experiment 2A	23	4	1-0.55-0.95	6	8	1-0.6-0.7	6
Experiment 2A	24	1	0.95-1-0.65	3	5	0.95-0.85-1.05	6
Experiment 2A	24	2	0.5-0.85-0.7	4	6	0.5-0.55-0.8	2
Experiment 2A	24	3	0.75-0.55-1.05	5	7	0.75-0.9-0.65	5
Experiment 2A	24	4	0.6-0.9-0.8	2	8	0.6-1-0.7	5
Experiment 2A	25	1	0.75-1-1.05	4	5	0.75-0.5-0.8	1
Experiment 2A	25	2	0.9-0.5-0.85	6	6	0.9-0.55-0.65	6
Experiment 2A	25	3	0.6-0.55-0.8	6	7	0.6-0.95-1.05	4
Experiment 2A	25	4	0.7-0.95-0.65	3	8	0.7-1-0.85	2
Experiment 2A	26	1	0.55-0.65-0.75	3	5	0.55-0.7-0.95	2
Experiment 2A	26	2	0.9-0.7-1	5	6	0.9-0.5-0.6	5
Experiment 2A	26	3	0.85-0.5-0.95	7	7	0.85-1.05-0.75	2
Experiment 2A	26	4	0.8-1.05-0.6	4	8	0.8-0.65-1	4
Experiment 2A	27	1	0.85-0.65-0.8	4	5	0.85-0.7-1.05	1
Experiment 2A	27	2	0.55-0.7-0.75	5	6	0.55-0.6-0.9	4
Experiment 2A	27	3	0.5-0.6-1.05	6	7	0.5-1-0.8	4
Experiment 2A	27	4	0.95-1-0.9	6	8	0.95-0.65-0.75	2

Experiment 2A	28	1	0.95-0.7-1.05	6	5	0.95-0.8-0.6	2
Experiment 2A	28	2	1-0.8-0.55	3	6	1-0.5-0.9	4
Experiment 2A	28	3	0.65-0.5-0.6	7	7	0.65-0.85-1.05	4
Experiment 2A	28	4	0.75-0.85-0.9	3	8	0.75-0.7-0.55	3
Experiment 2B	29	1	0.7-0.6-0.55	5	5	0.7-0.75-1	5
Experiment 2B	29	2	0.95-0.75-0.5	5	6	0.95-0.85-0.8	2
Experiment 2B	29	3	0.65-0.85-1	5	7	0.65-0.9-0.55	3
Experiment 2B	29	4	1.05-0.9-0.8	4	8	1.05-0.6-0.5	3
Experiment 2B	30	1	0.75-0.5-0.95	3	5	0.75-0.85-1.05	3
Experiment 2B	30	2	0.55-0.85-0.6	3	6	0.55-0.8-1	4
Experiment 2B	30	3	0.65-0.8-1.05	5	7	0.65-0.7-0.95	4
Experiment 2B	30	4	0.9-0.7-1	6	8	0.9-0.5-0.6	4
Experiment 2B	31	1	0.7-0.8-0.9	2	5	0.7-1.05-0.65	4
Experiment 2B	31	2	0.6-1.05-0.5	3	6	0.6-0.95-0.85	5
Experiment 2B	31	3	0.55-0.95-0.65	6	7	0.55-0.75-0.9	4
Experiment 2B	31	4	1-0.75-0.85	5	8	1-0.8-0.5	3
Experiment 2B	32	1	1-1.05-0.7	3	5	1-0.85-0.6	3
Experiment 2B	32	2	0.9-0.85-0.55	4	6	0.9-0.95-0.8	5
Experiment 2B	32	3	0.65-0.95-0.6	3	7	0.65-0.75-0.7	4
Experiment 2B	32	4	0.5-0.75-0.8	5	8	0.5-1.05-0.55	5
Experiment 2B	33	1	0.9-0.55-0.85	1	5	0.9-0.7-0.65	5
Experiment 2B	33	2	1.05-0.7-0.95	6	6	1.05-1-0.6	4

Experiment 2B	33	3	0.75-1-0.65	3	7	0.75-0.5-0.85	5
Experiment 2B	33	4	0.8-0.5-0.6	6	8	0.8-0.55-0.95	2
Experiment 2B	34	1	0.65-0.85-0.75	5	5	0.65-0.5-0.9	1
Experiment 2B	34	2	0.6-0.5-0.95	2	6	0.6-0.7-1.05	4
Experiment 2B	34	3	0.8-0.7-0.9	6	7	0.8-0.55-0.75	4
Experiment 2B	34	4	1-0.55-1.05	7	8	1-0.85-0.95	3
Experiment 2B	35	1	0.65-0.75-0.5	5	5	0.65-0.7-0.9	4
Experiment 2B	35	2	0.6-0.7-0.8	5	6	0.6-0.95-0.55	1
Experiment 2B	35	3	1.05-0.95-0.9	5	7	1.05-1-0.5	2
Experiment 2B	35	4	0.85-1-0.55	7	8	0.85-0.75-0.8	3
Experiment 2B	36	1	0.75-1.05-0.85	6	5	0.75-0.9-0.95	4
Experiment 2B	36	2	0.65-0.9-0.7	3	6	0.65-0.6-1	4
Experiment 2B	36	3	0.5-0.6-0.95	3	7	0.5-0.55-0.85	5
Experiment 2B	36	4	0.8-0.55-1	2	8	0.8-1.05-0.7	5
Experiment 2B	37	1	0.95-1.05-0.65	3	5	0.95-0.75-0.9	2
Experiment 2B	37	2	0.85-0.75-0.5	3	6	0.85-0.6-0.7	5
Experiment 2B	37	3	0.55-0.6-0.9	4	7	0.55-0.8-0.65	6
Experiment 2B	37	4	1-0.8-0.7	4	8	1-1.05-0.5	5
Experiment 2B	38	1	0.85-0.6-0.8	4	5	0.85-0.7-0.95	1
Experiment 2B	38	2	0.9-0.7-1.05	7	6	0.9-1-0.65	3
Experiment 2B	38	3	0.5-1-0.95	3	7	0.5-0.55-0.8	5
Experiment 2B	38	4	0.75-0.55-0.65	3	8	0.75-0.6-1.05	6

Experiment 2B	39	1	0.85-0.8-0.65	5	5	0.85-0.9-0.6	4
Experiment 2B	39	2	0.95-0.9-1.05	6	6	0.95-0.55-0.75	3
Experiment 2B	39	3	1-0.55-0.6	6	7	1-0.5-0.65	3
Experiment 2B	39	4	0.7-0.5-0.75	2	8	0.7-0.8-1.05	3
Experiment 2B	40	1	0.85-0.8-0.95	6	5	0.85-0.65-1.05	4
Experiment 2B	40	2	0.55-0.65-1	7	6	0.55-0.9-0.75	4
Experiment 2B	40	3	0.5-0.9-1.05	3	7	0.5-0.6-0.95	1
Experiment 2B	40	4	0.7-0.6-0.75	5	8	0.7-0.8-1	2
Experiment 2B	41	1	0.55-1-0.75	6	5	0.55-0.7-0.65	3
Experiment 2B	41	2	0.6-0.7-0.8	5	6	0.6-0.5-0.9	2
Experiment 2B	41	3	0.85-0.5-0.65	2	7	0.85-1.05-0.75	7
Experiment 2B	41	4	0.95-1.05-0.9	6	8	0.95-1-0.8	1
Experiment 2B	42	1	0.7-0.75-0.8	3	5	0.7-0.85-0.5	7
Experiment 2B	42	2	0.95-0.85-0.55	4	6	0.95-0.9-0.65	4
Experiment 2B	42	3	1.05-0.9-0.5	6	7	1.05-1-0.8	0
Experiment 2B	42	4	0.6-1-0.65	5	8	0.6-0.75-0.55	3
Experiment 2B	43	1	0.7-0.95-0.8	2	5	0.7-0.85-0.75	3
Experiment 2B	43	2	1-0.85-0.6	6	6	1-0.9-0.5	6
Experiment 2B	43	3	0.65-0.9-0.75	4	7	0.65-0.55-0.8	5
Experiment 2B	43	4	1.05-0.55-0.5	4	8	1.05-0.95-0.6	2
Experiment 2B	44	1	0.65-1-0.7	5	5	0.65-0.8-0.95	2
Experiment 2B	44	2	0.75-0.8-0.55	7	6	0.75-0.6-0.5	2

Experiment 2B	44	3	1.05-0.6-0.95	4	7	1.05-0.9-0.7	4
Experiment 2B	44	4	0.85-0.9-0.5	5	8	0.85-1-0.55	3
Experiment 2B	45	1	0.55-0.6-0.85	3	5	0.55-0.95-1.05	6
Experiment 2B	45	2	0.7-0.95-0.8	6	6	0.7-0.5-1	3
Experiment 2B	45	3	0.65-0.5-1.05	3	7	0.65-0.75-0.85	6
Experiment 2B	45	4	0.9-0.75-1	3	8	0.9-0.6-0.8	2
Experiment 2B	46	1	0.75-1-0.85	7	5	0.75-1.05-0.8	2
Experiment 2B	46	2	0.55-1.05-0.7	5	6	0.55-0.9-0.65	2
Experiment 2B	46	3	0.5-0.9-0.8	3	7	0.5-0.6-0.85	3
Experiment 2B	46	4	0.95-0.6-0.65	7	8	0.95-1-0.7	3
Experiment 2B	47	1	0.6-0.95-0.5	6	5	0.6-0.55-1	3
Experiment 2B	47	2	0.8-0.55-0.65	4	6	0.8-0.7-0.85	5
Experiment 2B	47	3	0.75-0.7-1	2	7	0.75-0.9-0.5	3
Experiment 2B	47	4	1.05-0.9-0.85	6	8	1.05-0.95-0.65	3
Experiment 2B	48	1	0.55-0.9-1.05	7	5	0.55-0.5-0.85	4
Experiment 2B	48	2	0.95-0.5-0.6	5	6	0.95-0.65-0.75	1
Experiment 2B	48	3	0.7-0.65-0.85	5	7	0.7-0.8-1.05	2
Experiment 2B	48	4	1-0.8-0.75	3	8	1-0.9-0.6	5
Experiment 2B	49	1	1.05-0.7-0.85	3	5	1.05-0.95-0.8	4
Experiment 2B	49	2	0.55-0.95-0.9	6	6	0.55-0.65-0.5	3
Experiment 2B	49	3	0.6-0.65-0.8	5	7	0.6-1-0.85	3
Experiment 2B	49	4	0.75-1-0.5	4	8	0.75-0.7-0.9	4

Experiment 2B	50	1	0.85-0.7-1	3	5	0.85-0.65-0.8	6
Experiment 2B	50	2	0.95-0.65-1.05	4	6	0.95-0.55-0.75	4
Experiment 2B	50	3	0.5-0.55-0.8	2	7	0.5-0.9-1	5
Experiment 2B	50	4	0.6-0.9-0.75	5	8	0.6-0.7-1.05	3
Experiment 2B	51	1	0.65-0.7-0.95	3	5	0.65-0.6-0.75	6
Experiment 2B	51	2	0.9-0.6-0.5	7	6	0.9-0.55-1	2
Experiment 2B	51	3	1.05-0.55-0.75	2	7	1.05-0.8-0.95	4
Experiment 2B	51	4	0.85-0.8-1	5	8	0.85-0.7-0.5	3
Experiment 2B	52	1	0.95-0.85-0.55	5	5	0.95-0.8-0.7	2
Experiment 2B	52	2	1-0.8-0.9	5	6	1-0.65-0.75	2
Experiment 2B	52	3	0.5-0.65-0.7	3	7	0.5-0.6-0.55	4
Experiment 2B	52	4	1.05-0.6-0.75	4	8	1.05-0.85-0.9	7
Experiment 2B	53	1	1-1.05-0.5	7	5	1-0.9-0.95	2
Experiment 2B	53	2	0.6-0.9-0.7	3	6	0.6-0.85-0.8	1
Experiment 2B	53	3	0.55-0.85-0.95	7	7	0.55-0.65-0.5	3
Experiment 2B	53	4	0.75-0.65-0.8	4	8	0.75-1.05-0.7	5
Experiment 2B	54	1	1-0.9-0.5	5	5	1-0.55-0.85	4
Experiment 2B	54	2	0.8-0.55-0.65	5	6	0.8-1.05-0.6	3
Experiment 2B	54	3	0.95-1.05-0.85	4	7	0.95-0.75-0.5	3
Experiment 2B	54	4	0.7-0.75-0.6	4	8	0.7-0.9-0.65	4
Experiment 2B	55	1	0.65-0.95-0.85	6	5	0.65-0.6-0.8	4
Experiment 2B	55	2	0.55-0.6-0.9	4	6	0.55-0.7-0.5	3

Experiment 2B	55	3	1-0.7-0.8	3	7	1-1.05-0.85	4
Experiment 2B	55	4	0.75-1.05-0.5	5	8	0.75-0.95-0.9	3
Experiment 2B	56	1	0.75-0.55-0.9	4	5	0.75-0.95-1	4
Experiment 2B	56	2	0.8-0.95-1.05	4	6	0.8-0.6-0.5	5
Experiment 2B	56	3	0.65-0.6-1	5	7	0.65-0.85-0.9	3
Experiment 2B	56	4	0.7-0.85-0.5	3	8	0.7-0.55-1.05	4

Note. Triplet ID represents as follows: 1 = ABC, 2 = DEF, 3 = GHI, 4 = JKL. Foil ID represents as follows: 5 = AEI, 6 = DHL, 7 = GKC, 8 = JBF. The unit of triplet duration and foil duration is second. Triplet chosen and foil chosen mean the number of triplet or foil chosen as familiar in the two-alternative forced-choice task.

Supplementary Table 8

Generalized Linear Mixed Model on the Data of Experiments 2A and 2B With Each Duration of Objects and Blanks in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.23	0.10	2.32	.020	[-0.11, 0.57]	
The first duration of triplet	.07	0.05	1.34	.179	[-0.03, 0.16]	.319
The second duration of triplet	.11	0.05	2.16	.031	[0.01, 0.21]	1.35
The third duration of triplet	.04	0.05	0.78	.434	[-0.06, 0.14]	.183
The first duration of foil	.08	0.05	1.59	.112	[-0.02, 0.18]	.463
The second duration of foil	-.07	0.05	-1.47	.141	[-0.17, 0.02]	.362
The third duration of foil	.06	0.05	1.23	.219	[-0.04, 0.17]	.300

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 9

Generalized Linear Mixed Model on the Data of Experiments 2A and 2B With the Differences Between the First and Second Durations and Those Between the Second and Third Durations in Triplets and Foils in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.23	0.10	2.33	.020	[0.04, 0.42]	
Difference between the first and second durations of triplets	.01	0.06	0.10	.924	[-0.11, 0.12]	.148
Difference between the second and third durations of triplets	.06	0.06	1.01	.311	[-0.06, 0.18]	.258
Difference between the first and second durations of foils	.07	0.05	1.38	.169	[-0.03, 0.18]	.365
Difference between the second and third durations of foils	-.06	0.06	-1.06	.289	[-0.17, 0.05]	.250

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 10

Generalized Linear Mixed Model on the Data of Experiments 2A and 2B With the Difference Between the Mean Timing of Triplet Durations and of Foil Durations in the Test Phase as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.23	0.10	2.32	.020	[-0.11, 0.56]	
Difference between the mean timing of triplet durations and that of foil durations	.06	0.05	1.25	.211	[-0.03, 0.15]	.264

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 11

Generalized Linear Mixed Model on the Data of Experiments 2A and 2B With the Similarity of a Given Triplet to the Remaining Three Triplets as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.23	0.10	2.32	.020	[-0.11, 0.56]	
Similarity of distinctiveness of durations in a given triplet to those in the remaining three triplets	.03	0.05	0.62	.536	[-0.07, 0.12]	.148
Similarity of mean durations in a given triplet to those in the remaining three triplets	.03	0.05	0.71	.476	[-0.06, 0.13]	.169

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 12

Generalized Linear Mixed Model on the Data of Experiments 2A and 2B With the Mean Amplitude of Frequency Bands of Each Triplet as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.23	0.10	2.33	.020	[0.04, 0.42]	
Frequency bands	-.12	0.05	-2.44	.015	[-0.21, -0.02]	2.01

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 13

Number of triplet and foil chosen as familiar in the two-alternative forced-choice task of Experiment 3

task	participants	triplet ID	triplet duration	triplet chosen	foil ID	foil duration	foil chosen
Object-duration	1	1	0.7-0.6-1	3	5	0.7-1.05-0.75	3
Object-duration	1	2	0.65-1.05-0.9	5	6	0.65-0.55-0.5	0
Object-duration	1	3	0.95-0.55-0.75	7	7	0.95-0.8-1	4
Object-duration	1	4	0.85-0.8-0.5	5	8	0.85-0.6-0.9	5
Object-duration	2	1	0.85-1.05-0.95	4	5	0.85-0.8-0.5	2
Object-duration	2	2	0.9-0.8-0.65	6	6	0.9-0.6-0.7	2
Object-duration	2	3	1-0.6-0.5	4	7	1-0.75-0.95	5
Object-duration	2	4	0.55-0.75-0.7	1	8	0.55-1.05-0.65	8
Object-duration	3	1	0.75-1-0.9	8	5	0.75-0.6-1.05	3
Object-duration	3	2	0.65-0.6-0.85	1	6	0.65-0.5-0.7	3
Object-duration	3	3	0.8-0.5-1.05	5	7	0.8-0.55-0.9	6
Object-duration	3	4	0.95-0.55-0.7	3	8	0.95-1-0.85	3
Object-duration	4	1	1.05-0.95-0.6	6	5	1.05-1-0.65	1
Object-duration	4	2	0.8-1-0.75	4	6	0.8-0.85-0.55	2
Object-duration	4	3	0.7-0.85-0.65	7	7	0.7-0.9-0.6	6
Object-duration	4	4	0.5-0.9-0.55	5	8	0.5-0.95-0.75	1
Object-duration	5	1	0.95-0.65-0.9	6	5	0.95-0.75-0.85	2
Object-duration	5	2	0.6-0.75-1.05	4	6	0.6-0.8-0.7	4
Object-duration	5	3	0.5-0.8-0.85	3	7	0.5-1-0.9	4
Object-duration	5	4	0.55-1-0.7	4	8	0.55-0.65-1.05	5

Object-duration	6	1	0.5-0.7-0.8	2	5	0.5-1-0.95	4
Object-duration	6	2	0.85-1-0.9	5	6	0.85-0.65-0.75	4
Object-duration	6	3	0.55-0.65-0.95	3	7	0.55-1.05-0.8	3
Object-duration	6	4	0.6-1.05-0.75	6	8	0.6-0.7-0.9	5
Object-duration	7	1	0.7-0.95-0.75	4	5	0.7-0.55-1	1
Object-duration	7	2	0.9-0.55-1.05	7	6	0.9-0.85-0.8	2
Object-duration	7	3	0.6-0.85-1	8	7	0.6-0.5-0.75	5
Object-duration	7	4	0.65-0.5-0.8	4	8	0.65-0.95-1.05	1
Object-duration	8	1	0.85-0.65-0.5	6	5	0.85-0.55-0.7	4
Object-duration	8	2	0.6-0.55-0.8	7	6	0.6-0.75-0.95	0
Object-duration	8	3	1.05-0.75-0.7	4	7	1.05-0.9-0.5	4
Object-duration	8	4	1-0.9-0.95	5	8	1-0.65-0.8	2
Object-duration	9	1	1-0.55-0.9	4	5	1-0.75-0.5	1
Object-duration	9	2	1.05-0.75-0.8	6	6	1.05-0.95-0.85	3
Object-duration	9	3	0.6-0.95-0.5	4	7	0.6-0.7-0.9	4
Object-duration	9	4	0.65-0.7-0.85	6	8	0.65-0.55-0.8	4
Object-duration	10	1	0.7-0.6-1.05	6	5	0.7-0.5-0.55	6
Object-duration	10	2	0.75-0.5-0.65	3	6	0.75-1-0.95	1
Object-duration	10	3	0.8-1-0.55	4	7	0.8-0.9-1.05	4
Object-duration	10	4	0.85-0.9-0.95	6	8	0.85-0.6-0.65	2
Object-duration	11	1	1.05-0.6-0.95	6	5	1.05-0.65-0.85	4
Object-duration	11	2	0.7-0.65-0.5	5	6	0.7-0.55-0.9	0

Object-duration	11	3	0.8-0.55-0.85	6	7	0.8-1-0.95	4
Object-duration	11	4	0.75-1-0.9	3	8	0.75-0.6-0.5	4
Object-duration	12	1	0.5-0.55-0.8	6	5	0.5-0.65-0.9	3
Object-duration	12	2	0.85-0.65-0.75	4	6	0.85-0.6-1.05	4
Object-duration	12	3	1-0.6-0.9	3	7	1-0.7-0.8	4
Object-duration	12	4	0.95-0.7-1.05	4	8	0.95-0.55-0.75	4
Object-duration	13	1	0.7-0.65-1.05	4	5	0.7-0.55-0.9	5
Object-duration	13	2	0.85-0.55-0.5	4	6	0.85-1-0.75	1
Object-duration	13	3	0.6-1-0.9	1	7	0.6-0.8-1.05	6
Object-duration	13	4	0.95-0.8-0.75	6	8	0.95-0.65-0.5	5
Object-duration	14	1	0.7-0.55-1.05	4	5	0.7-1-0.85	3
Object-duration	14	2	0.65-1-0.95	6	6	0.65-0.75-0.9	2
Object-duration	14	3	0.5-0.75-0.85	7	7	0.5-0.8-1.05	3
Object-duration	14	4	0.6-0.8-0.9	4	8	0.6-0.55-0.95	3
Object-duration	15	1	0.95-0.75-0.9	6	5	0.95-0.85-0.5	4
Object-duration	15	2	0.65-0.85-1.05	4	6	0.65-0.8-1	3
Object-duration	15	3	0.55-0.8-0.5	5	7	0.55-0.7-0.9	1
Object-duration	15	4	0.6-0.7-1	6	8	0.6-0.75-1.05	3
Object-duration	16	1	1.05-0.7-0.95	7	5	1.05-0.9-0.75	1
Object-duration	16	2	0.8-0.9-0.65	2	6	0.8-0.85-0.5	5
Object-duration	16	3	0.55-0.85-0.75	3	7	0.55-0.6-0.95	3
Object-duration	16	4	1-0.6-0.5	4	8	1-0.7-0.65	7

Object-duration	17	1	1.05-0.7-0.95	5	5	1.05-0.65-0.8	1
Object-duration	17	2	0.85-0.65-0.5	4	6	0.85-0.6-0.9	7
Object-duration	17	3	1-0.6-0.8	6	7	1-0.75-0.95	2
Object-duration	17	4	0.55-0.75-0.9	5	8	0.55-0.7-0.5	2
Object-duration	18	1	0.9-0.75-0.7	6	5	0.9-0.5-1	1
Object-duration	18	2	0.6-0.5-0.85	6	6	0.6-0.95-0.55	1
Object-duration	18	3	0.8-0.95-1	6	7	0.8-0.65-0.7	5
Object-duration	18	4	1.05-0.65-0.55	5	8	1.05-0.75-0.85	2
Object-duration	19	1	0.9-0.6-0.75	3	5	0.9-0.8-0.85	3
Object-duration	19	2	0.55-0.8-0.65	4	6	0.55-1.05-0.5	2
Object-duration	19	3	1-1.05-0.85	6	7	1-0.95-0.75	2
Object-duration	19	4	0.7-0.95-0.5	5	8	0.7-0.6-0.65	7
Object-duration	20	1	0.7-0.55-0.8	6	5	0.7-0.85-0.65	2
Object-duration	20	2	0.95-0.85-0.6	5	6	0.95-0.5-0.9	4
Object-duration	20	3	1.05-0.5-0.65	2	7	1.05-1-0.8	5
Object-duration	20	4	0.75-1-0.9	6	8	0.75-0.55-0.6	2
Object-duration	21	1	0.85-0.9-0.55	5	5	0.85-0.6-1.05	1
Object-duration	21	2	0.65-0.6-1	7	6	0.65-0.95-0.5	2
Object-duration	21	3	0.7-0.95-1.05	2	7	0.7-0.75-0.55	3
Object-duration	21	4	0.8-0.75-0.5	7	8	0.8-0.9-1	5
Object-duration	22	1	0.7-0.9-0.8	5	5	0.7-0.65-0.75	1
Object-duration	22	2	0.55-0.65-0.95	5	6	0.55-0.5-0.6	4

Object-duration	22	3	0.85-0.5-0.75	2	7	0.85-1.05-0.8	5
Object-duration	22	4	1-1.05-0.6	4	8	1-0.9-0.95	6
Object-duration	23	1	1-0.8-0.5	3	5	1-0.95-0.55	3
Object-duration	23	2	1.05-0.95-0.85	4	6	1.05-0.7-0.6	6
Object-duration	23	3	0.65-0.7-0.55	2	7	0.65-0.75-0.5	5
Object-duration	23	4	0.9-0.75-0.6	6	8	0.9-0.8-0.85	3
Object-duration	24	1	1.05-0.6-0.95	7	5	1.05-0.55-0.85	2
Object-duration	24	2	0.8-0.55-0.5	2	6	0.8-0.9-0.7	4
Object-duration	24	3	1-0.9-0.85	6	7	1-0.75-0.95	4
Object-duration	24	4	0.65-0.75-0.7	2	8	0.65-0.6-0.5	5
Object-duration	25	1	0.5-0.85-1	3	5	0.5-0.8-0.65	2
Object-duration	25	2	0.95-0.8-0.55	4	6	0.95-0.9-1.05	5
Object-duration	25	3	0.7-0.9-0.65	7	7	0.7-0.75-1	2
Object-duration	25	4	0.6-0.75-1.05	7	8	0.6-0.85-0.55	2
Object-duration	26	1	0.55-0.9-0.65	6	5	0.55-0.7-0.75	2
Object-duration	26	2	0.85-0.7-1	8	6	0.85-0.95-0.8	4
Object-duration	26	3	0.5-0.95-0.75	4	7	0.5-1.05-0.65	1
Object-duration	26	4	0.6-1.05-0.8	5	8	0.6-0.9-1	2
Object-duration	27	1	1.05-0.85-0.75	6	5	1.05-0.9-0.8	1
Object-duration	27	2	0.55-0.9-0.95	6	6	0.55-1-0.65	2
Object-duration	27	3	0.6-1-0.8	6	7	0.6-0.5-0.75	0
Object-duration	27	4	0.7-0.5-0.65	7	8	0.7-0.85-0.95	4

Object-duration	28	1	1-0.95-0.75	5	5	1-0.7-0.9	3
Object-duration	28	2	0.6-0.7-0.8	4	6	0.6-0.65-1.05	3
Object-duration	28	3	0.5-0.65-0.9	3	7	0.5-0.85-0.75	2
Object-duration	28	4	0.55-0.85-1.05	7	8	0.55-0.95-0.8	5
Only-duration	1	1	0.7-0.6-1	5	5	0.7-1.05-0.75	5
Only-duration	1	2	0.65-1.05-0.9	3	6	0.65-0.55-0.5	4
Only-duration	1	3	0.95-0.55-0.75	1	7	0.95-0.8-1	6
Only-duration	1	4	0.85-0.8-0.5	4	8	0.85-0.6-0.9	4
Only-duration	2	1	0.85-1.05-0.95	5	5	0.85-0.8-0.5	3
Only-duration	2	2	0.9-0.8-0.65	4	6	0.9-0.6-0.7	2
Only-duration	2	3	1-0.6-0.5	4	7	1-0.75-0.95	2
Only-duration	2	4	0.55-0.75-0.7	6	8	0.55-1.05-0.65	6
Only-duration	3	1	0.75-1-0.9	4	5	0.75-0.6-1.05	4
Only-duration	3	2	0.65-0.6-0.85	3	6	0.65-0.5-0.7	6
Only-duration	3	3	0.8-0.5-1.05	4	7	0.8-0.55-0.9	4
Only-duration	3	4	0.95-0.55-0.7	5	8	0.95-1-0.85	2
Only-duration	4	1	1.05-0.95-0.6	4	5	1.05-1-0.65	4
Only-duration	4	2	0.8-1-0.75	4	6	0.8-0.85-0.55	5
Only-duration	4	3	0.7-0.85-0.65	5	7	0.7-0.9-0.6	3
Only-duration	4	4	0.5-0.9-0.55	5	8	0.5-0.95-0.75	2
Only-duration	5	1	0.95-0.65-0.9	5	5	0.95-0.75-0.85	3
Only-duration	5	2	0.6-0.75-1.05	4	6	0.6-0.8-0.7	4

Only-duration	5	3	0.5-0.8-0.85	5	7	0.5-1-0.9	4
Only-duration	5	4	0.55-1-0.7	5	8	0.55-0.65-1.05	2
Only-duration	6	1	0.5-0.7-0.8	2	5	0.5-1-0.95	2
Only-duration	6	2	0.85-1-0.9	2	6	0.85-0.65-0.75	6
Only-duration	6	3	0.55-0.65-0.95	5	7	0.55-1.05-0.8	5
Only-duration	6	4	0.6-1.05-0.75	4	8	0.6-0.7-0.9	6
Only-duration	7	1	0.7-0.95-0.75	6	5	0.7-0.55-1	3
Only-duration	7	2	0.9-0.55-1.05	5	6	0.9-0.85-0.8	3
Only-duration	7	3	0.6-0.85-1	3	7	0.6-0.5-0.75	3
Only-duration	7	4	0.65-0.5-0.8	4	8	0.65-0.95-1.05	5
Only-duration	8	1	0.85-0.65-0.5	2	5	0.85-0.55-0.7	6
Only-duration	8	2	0.6-0.55-0.8	3	6	0.6-0.75-0.95	3
Only-duration	8	3	1.05-0.75-0.7	5	7	1.05-0.9-0.5	6
Only-duration	8	4	1-0.9-0.95	4	8	1-0.65-0.8	3
Only-duration	9	1	1-0.55-0.9	6	5	1-0.75-0.5	4
Only-duration	9	2	1.05-0.75-0.8	5	6	1.05-0.95-0.85	5
Only-duration	9	3	0.6-0.95-0.5	3	7	0.6-0.7-0.9	3
Only-duration	9	4	0.65-0.7-0.85	3	8	0.65-0.55-0.8	3
Only-duration	10	1	0.7-0.6-1.05	6	5	0.7-0.5-0.55	5
Only-duration	10	2	0.75-0.5-0.65	6	6	0.75-1-0.95	3
Only-duration	10	3	0.8-1-0.55	1	7	0.8-0.9-1.05	3
Only-duration	10	4	0.85-0.9-0.95	4	8	0.85-0.6-0.65	4

Only-duration	11	1	1.05-0.6-0.95	4	5	1.05-0.65-0.85	5
Only-duration	11	2	0.7-0.65-0.5	3	6	0.7-0.55-0.9	4
Only-duration	11	3	0.8-0.55-0.85	4	7	0.8-1-0.95	4
Only-duration	11	4	0.75-1-0.9	3	8	0.75-0.6-0.5	5
Only-duration	12	1	0.5-0.55-0.8	2	5	0.5-0.65-0.9	3
Only-duration	12	2	0.85-0.65-0.75	4	6	0.85-0.6-1.05	4
Only-duration	12	3	1-0.6-0.9	5	7	1-0.7-0.8	6
Only-duration	12	4	0.95-0.7-1.05	5	8	0.95-0.55-0.75	3
Only-duration	13	1	0.7-0.65-1.05	5	5	0.7-0.55-0.9	6
Only-duration	13	2	0.85-0.55-0.5	3	6	0.85-1-0.75	4
Only-duration	13	3	0.6-1-0.9	3	7	0.6-0.8-1.05	5
Only-duration	13	4	0.95-0.8-0.75	2	8	0.95-0.65-0.5	4
Only-duration	14	1	0.7-0.55-1.05	6	5	0.7-1-0.85	3
Only-duration	14	2	0.65-1-0.95	5	6	0.65-0.75-0.9	3
Only-duration	14	3	0.5-0.75-0.85	4	7	0.5-0.8-1.05	3
Only-duration	14	4	0.6-0.8-0.9	5	8	0.6-0.55-0.95	3
Only-duration	15	1	0.95-0.75-0.9	5	5	0.95-0.85-0.5	4
Only-duration	15	2	0.65-0.85-1.05	3	6	0.65-0.8-1	2
Only-duration	15	3	0.55-0.8-0.5	4	7	0.55-0.7-0.9	4
Only-duration	15	4	0.6-0.7-1	6	8	0.6-0.75-1.05	4
Only-duration	16	1	1.05-0.7-0.95	5	5	1.05-0.9-0.75	4
Only-duration	16	2	0.8-0.9-0.65	5	6	0.8-0.85-0.5	5

Only-duration	16	3	0.55-0.85-0.75	2	7	0.55-0.6-0.95	4
Only-duration	16	4	1-0.6-0.5	3	8	1-0.7-0.65	4
Only-duration	17	1	1.05-0.7-0.95	5	5	1.05-0.65-0.8	3
Only-duration	17	2	0.85-0.65-0.5	2	6	0.85-0.6-0.9	3
Only-duration	17	3	1-0.6-0.8	4	7	1-0.75-0.95	4
Only-duration	17	4	0.55-0.75-0.9	5	8	0.55-0.7-0.5	6
Only-duration	18	1	0.9-0.75-0.7	3	5	0.9-0.5-1	4
Only-duration	18	2	0.6-0.5-0.85	3	6	0.6-0.95-0.55	5
Only-duration	18	3	0.8-0.95-1	5	7	0.8-0.65-0.7	4
Only-duration	18	4	1.05-0.65-0.55	3	8	1.05-0.75-0.85	5
Only-duration	19	1	0.9-0.6-0.75	5	5	0.9-0.8-0.85	4
Only-duration	19	2	0.55-0.8-0.65	3	6	0.55-1.05-0.5	4
Only-duration	19	3	1-1.05-0.85	2	7	1-0.95-0.75	6
Only-duration	19	4	0.7-0.95-0.5	3	8	0.7-0.6-0.65	5
Only-duration	20	1	0.7-0.55-0.8	5	5	0.7-0.85-0.65	3
Only-duration	20	2	0.95-0.85-0.6	2	6	0.95-0.5-0.9	5
Only-duration	20	3	1.05-0.5-0.65	4	7	1.05-1-0.8	4
Only-duration	20	4	0.75-1-0.9	4	8	0.75-0.55-0.6	5
Only-duration	21	1	0.85-0.9-0.55	4	5	0.85-0.6-1.05	4
Only-duration	21	2	0.65-0.6-1	3	6	0.65-0.95-0.5	4
Only-duration	21	3	0.7-0.95-1.05	4	7	0.7-0.75-0.55	7
Only-duration	21	4	0.8-0.75-0.5	4	8	0.8-0.9-1	2

Only-duration	22	1	0.7-0.9-0.8	2	5	0.7-0.65-0.75	4
Only-duration	22	2	0.55-0.65-0.95	6	6	0.55-0.5-0.6	6
Only-duration	22	3	0.85-0.5-0.75	3	7	0.85-1.05-0.8	3
Only-duration	22	4	1-1.05-0.6	5	8	1-0.9-0.95	3
Only-duration	23	1	1-0.8-0.5	6	5	1-0.95-0.55	4
Only-duration	23	2	1.05-0.95-0.85	4	6	1.05-0.7-0.6	4
Only-duration	23	3	0.65-0.7-0.55	4	7	0.65-0.75-0.5	4
Only-duration	23	4	0.9-0.75-0.6	3	8	0.9-0.8-0.85	3
Only-duration	24	1	1.05-0.6-0.95	4	5	1.05-0.55-0.85	2
Only-duration	24	2	0.8-0.55-0.5	6	6	0.8-0.9-0.7	4
Only-duration	24	3	1-0.9-0.85	3	7	1-0.75-0.95	4
Only-duration	24	4	0.65-0.75-0.7	4	8	0.65-0.6-0.5	5
Only-duration	25	1	0.5-0.85-1	2	5	0.5-0.8-0.65	3
Only-duration	25	2	0.95-0.8-0.55	3	6	0.95-0.9-1.05	4
Only-duration	25	3	0.7-0.9-0.65	4	7	0.7-0.75-1	4
Only-duration	25	4	0.6-0.75-1.05	6	8	0.6-0.85-0.55	6
Only-duration	26	1	0.55-0.9-0.65	5	5	0.55-0.7-0.75	2
Only-duration	26	2	0.85-0.7-1	5	6	0.85-0.95-0.8	3
Only-duration	26	3	0.5-0.95-0.75	4	7	0.5-1.05-0.65	5
Only-duration	26	4	0.6-1.05-0.8	4	8	0.6-0.9-1	4
Only-duration	27	1	1.05-0.85-0.75	3	5	1.05-0.9-0.8	6
Only-duration	27	2	0.55-0.9-0.95	5	6	0.55-1-0.65	1

Only-duration	27	3	0.6-1-0.8	5	7	0.6-0.5-0.75	3
Only-duration	27	4	0.7-0.5-0.65	5	8	0.7-0.85-0.95	4
Only-duration	28	1	1-0.95-0.75	6	5	1-0.7-0.9	4
Only-duration	28	2	0.6-0.7-0.8	4	6	0.6-0.65-1.05	3
Only-duration	28	3	0.5-0.65-0.9	5	7	0.5-0.85-0.75	2
Only-duration	28	4	0.55-0.85-1.05	4	8	0.55-0.95-0.8	4

Note. Triplet ID represents as follows: 1 = ABC, 2 = DEF, 3 = GHI, 4 = JKL. Foil ID represents as follows: 5 = AEI, 6 = DHL, 7 = GKC, 8 = JBF. The unit of triplet duration and foil duration is second. Triplet chosen and foil chosen mean the number of triplet or foil chosen as familiar in the two-alternative forced-choice task.

Supplementary Table 14

Generalized Linear Mixed Model on the Data of Experiment 3 With Each Object Duration in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.05	4.50	< .001	[0.07, 0.36]	
The first duration of triplet	.09	0.05	1.84	.066	[-0.01, 0.19]	714
The second duration of triplet	-.01	0.05	-0.19	.848	[-0.11, 0.09]	.129
The third duration of triplet	.14	0.05	2.83	.005	[0.04, 0.24]	7.07
The first duration of foil	-.06	0.05	-1.23	.220	[-0.16, 0.04]	.236
The second duration of foil	.07	0.05	1.34	.181	[-0.03, 0.16]	.277
The third duration of foil	.08	0.05	1.56	.118	[-0.02, 0.17]	.447

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 15

Generalized Linear Mixed Model on the Data of Experiment 3 With the Differences Between the First and Second Durations and Those Between the Second and Third Durations in Triplets and Foils in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.05	4.49	< .001	[0.07, 0.36]	
Difference between the first and second durations of triplets	.02	0.06	0.39	.695	[-0.09, 0.13]	.148
Difference between the second and third durations of triplets	-.10	0.05	-1.76	.079	[-0.20, 0.01]	.654
Difference between the first and second durations of foils	-.12	0.06	-2.08	.037	[-0.23, -0.01]	1.10
Difference between the second and third durations of foils	-.07	0.06	-1.19	.234	[-0.18, 0.04]	.305

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 16

Generalized Linear Mixed Model on the Data of Experiment 3 With the Difference Between the Mean Timing of Triplet Durations and of Foil Durations in the Test Phase as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.05	4.48	< .001	[0.07, 0.35]	
Difference between the mean timing of triplet durations and that of foil durations	.05	0.05	0.99	.323	[-0.05, 0.14]	.196

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 17

Generalized Linear Mixed Model on the Data of Experiment 3 With the Similarity of a Given Triplet to the Remaining Three Triplets as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.05	4.48	< .001	[0.12, 0.31]	
Similarity of distinctiveness of durations in a given triplet to those in the remaining three triplets	-.00	0.05	-0.04	.970	[-0.09, 0.09]	.125
Similarity of mean durations in a given triplet to those in the remaining three triplets	-.02	0.05	-0.51	.611	[-0.12, 0.07]	.130

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 18

Generalized Linear Mixed Model on the Data of Experiment 3 With the Mean Amplitude of Frequency Bands of Each Triplet as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.21	0.05	4.49	< .001	[0.07, 0.35]	
Frequency bands	-.10	0.05	-2.14	.033	[-0.20, -0.01]	1.08

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 19

Number of triplet and foil chosen as familiar in the two-alternative forced-choice task of Experiment 4

participants	triplet ID	triplet duration	triplet chosen	foil ID	foil duration	foil chosen
1	1	1-0.65-0.5	4	5	1-1.05-0.75	5
1	2	0.85-1.05-0.9	4	6	0.85-0.6-0.95	4
1	3	0.7-0.6-0.75	5	7	0.7-0.8-0.5	3
1	4	0.55-0.8-0.95	2	8	0.55-0.65-0.9	5
2	1	0.85-0.55-0.65	4	5	0.85-1.05-0.5	4
2	2	0.8-1.05-0.95	5	6	0.8-0.7-0.6	4
2	3	0.75-0.7-0.5	3	7	0.75-1-0.65	3
2	4	0.9-1-0.6	4	8	0.9-0.55-0.95	5
3	1	0.6-1-0.85	6	5	0.6-0.55-0.7	2
3	2	0.8-0.55-0.95	4	6	0.8-1.05-0.75	4
3	3	0.9-1.05-0.7	4	7	0.9-0.5-0.85	7
3	4	0.65-0.5-0.75	3	8	0.65-1-0.95	2
4	1	0.75-0.9-0.65	4	5	0.75-1-0.8	4
4	2	0.7-1-0.85	4	6	0.7-0.95-0.55	5
4	3	0.5-0.95-0.8	1	7	0.5-0.6-0.65	6
4	4	1.05-0.6-0.55	5	8	1.05-0.9-0.85	3
5	1	0.7-0.85-0.9	4	5	0.7-0.8-0.75	3
5	2	0.6-0.8-1.05	5	6	0.6-0.5-0.65	3
5	3	1-0.5-0.75	5	7	1-0.95-0.9	4
5	4	0.55-0.95-0.65	7	8	0.55-0.85-1.05	1

6	1	0.55-0.85-1	7	5	0.55-0.75-0.95	5
6	2	1.05-0.75-0.8	3	6	1.05-0.65-0.5	1
6	3	0.9-0.65-0.95	6	7	0.9-0.7-1	2
6	4	0.6-0.7-0.5	4	8	0.6-0.85-0.8	4
7	1	0.75-0.8-1.05	5	5	0.75-0.7-0.55	4
7	2	1-0.7-0.65	6	6	1-0.9-0.85	2
7	3	0.95-0.9-0.55	5	7	0.95-0.5-1.05	3
7	4	0.6-0.5-0.85	4	8	0.6-0.8-0.65	3
8	1	1-0.5-0.7	4	5	1-0.6-0.75	3
8	2	0.8-0.6-0.9	5	6	0.8-0.85-0.55	3
8	3	0.95-0.85-0.75	4	7	0.95-0.65-0.7	6
8	4	1.05-0.65-0.55	3	8	1.05-0.5-0.9	4
9	1	0.75-0.7-0.8	3	5	0.75-0.5-0.9	4
9	2	0.95-0.5-0.65	6	6	0.95-1.05-0.85	4
9	3	1-1.05-0.9	4	7	1-0.55-0.8	5
9	4	0.6-0.55-0.85	3	8	0.6-0.7-0.65	3
10	1	1.05-0.85-0.8	4	5	1.05-0.95-0.7	6
10	2	0.65-0.95-0.5	4	6	0.65-0.6-0.55	3
10	3	0.75-0.6-0.7	5	7	0.75-1-0.8	1
10	4	0.9-1-0.55	4	8	0.9-0.85-0.5	5
11	1	0.65-0.75-0.5	4	5	0.65-0.9-1	5
11	2	0.8-0.9-0.55	4	6	0.8-0.95-0.7	5

11	3	0.85-0.95-1	3	7	0.85-1.05-0.5	4
11	4	0.6-1.05-0.7	2	8	0.6-0.75-0.55	5
12	1	0.5-0.65-0.85	6	5	0.5-0.75-0.55	4
12	2	0.9-0.75-0.95	6	6	0.9-1.05-0.6	3
12	3	0.8-1.05-0.55	2	7	0.8-1-0.85	5
12	4	0.7-1-0.6	4	8	0.7-0.65-0.95	2
13	1	0.6-0.8-0.55	6	5	0.6-0.85-0.7	5
13	2	0.75-0.85-1	1	6	0.75-0.5-0.65	4
13	3	1.05-0.5-0.7	2	7	1.05-0.95-0.55	4
13	4	0.9-0.95-0.65	6	8	0.9-0.8-1	4
14	1	0.65-1-0.75	5	5	0.65-0.5-0.8	2
14	2	0.9-0.5-0.95	5	6	0.9-0.7-1.05	6
14	3	0.55-0.7-0.8	4	7	0.55-0.85-0.75	4
14	4	0.6-0.85-1.05	2	8	0.6-1-0.95	4
15	1	0.5-0.55-0.9	3	5	0.5-0.65-0.95	5
15	2	1-0.65-1.05	1	6	1-0.85-0.6	5
15	3	0.7-0.85-0.95	2	7	0.7-0.75-0.9	4
15	4	0.8-0.75-0.6	7	8	0.8-0.55-1.05	5
16	1	0.85-0.75-0.6	4	5	0.85-0.5-0.8	2
16	2	0.55-0.5-1.05	4	6	0.55-0.95-0.9	4
16	3	1-0.95-0.8	7	7	1-0.65-0.6	1
16	4	0.7-0.65-0.9	8	8	0.7-0.75-1.05	2

17	1	0.65-0.55-0.85	4	5	0.65-0.8-0.7	3
17	2	0.9-0.8-0.75	5	6	0.9-0.5-0.6	4
17	3	1-0.5-0.7	5	7	1-1.05-0.85	4
17	4	0.95-1.05-0.6	2	8	0.95-0.55-0.75	5
18	1	0.7-0.65-0.75	2	5	0.7-0.5-0.55	5
18	2	0.95-0.5-1.05	6	6	0.95-0.85-1	4
18	3	0.9-0.85-0.55	3	7	0.9-0.6-0.75	5
18	4	0.8-0.6-1	5	8	0.8-0.65-1.05	2
19	1	0.7-0.5-0.75	6	5	0.7-0.8-1.05	5
19	2	0.95-0.8-0.65	5	6	0.95-0.9-0.6	2
19	3	0.85-0.9-1.05	3	7	0.85-1-0.75	4
19	4	0.55-1-0.6	2	8	0.55-0.5-0.65	5
20	1	1-0.55-0.8	5	5	1-0.65-0.95	5
20	2	0.9-0.65-0.6	5	6	0.9-0.75-0.7	3
20	3	0.85-0.75-0.95	5	7	0.85-1.05-0.8	2
20	4	0.5-1.05-0.7	4	8	0.5-0.55-0.6	3
21	1	0.65-0.55-0.5	5	5	0.65-1.05-0.85	3
21	2	0.95-1.05-0.9	6	6	0.95-0.8-0.75	5
21	3	0.6-0.8-0.85	5	7	0.6-0.7-0.5	2
21	4	1-0.7-0.75	2	8	1-0.55-0.9	4
22	1	0.65-0.8-0.6	3	5	0.65-0.5-0.55	3
22	2	0.7-0.5-1.05	4	6	0.7-1-0.75	4

22	3	0.9-1-0.55	3	7	0.9-0.85-0.6	5
22	4	0.95-0.85-0.75	6	8	0.95-0.8-1.05	4
23	1	0.7-0.9-0.55	6	5	0.7-0.8-0.95	2
23	2	0.75-0.8-1	6	6	0.75-1.05-0.65	3
23	3	0.85-1.05-0.95	4	7	0.85-0.6-0.55	3
23	4	0.5-0.6-0.65	6	8	0.5-0.9-1	2
24	1	1-0.8-0.75	4	5	1-0.95-0.6	3
24	2	1.05-0.95-0.55	6	6	1.05-0.65-0.85	3
24	3	0.7-0.65-0.6	6	7	0.7-0.9-0.75	3
24	4	0.5-0.9-0.85	5	8	0.5-0.8-0.55	2
25	1	0.75-0.85-1.05	3	5	0.75-0.95-1	4
25	2	0.7-0.95-0.6	6	6	0.7-0.9-0.55	3
25	3	0.65-0.9-1	3	7	0.65-0.8-1.05	5
25	4	0.5-0.8-0.55	5	8	0.5-0.85-0.6	3
26	1	0.8-0.6-0.7	3	5	0.8-0.65-0.9	3
26	2	0.95-0.65-0.75	4	6	0.95-0.85-0.55	5
26	3	0.5-0.85-0.9	3	7	0.5-1-0.7	5
26	4	1.05-1-0.55	5	8	1.05-0.6-0.75	4
27	1	0.95-0.65-0.5	4	5	0.95-0.75-0.85	5
27	2	1.05-0.75-0.6	5	6	1.05-0.9-0.55	4
27	3	0.7-0.9-0.85	1	7	0.7-1-0.5	3
27	4	0.8-1-0.55	4	8	0.8-0.65-0.6	6

28	1	0.5-0.8-1.05	2	5	0.5-0.65-0.95	4
28	2	0.7-0.65-0.85	4	6	0.7-0.9-0.55	4
28	3	1-0.9-0.95	4	7	1-0.75-1.05	4
28	4	0.6-0.75-0.55	4	8	0.6-0.8-0.85	6
29	1	1.05-0.65-0.6	5	5	1.05-0.8-0.75	2
29	2	1-0.8-0.95	3	6	1-0.5-0.85	3
29	3	0.7-0.5-0.75	6	7	0.7-0.55-0.6	2
29	4	0.9-0.55-0.85	7	8	0.9-0.65-0.95	4
30	1	0.8-0.7-1	4	5	0.8-0.95-0.9	2
30	2	0.65-0.95-0.85	6	6	0.65-0.6-0.55	4
30	3	1.05-0.6-0.9	6	7	1.05-0.5-1	3
30	4	0.75-0.5-0.55	4	8	0.75-0.7-0.85	3
31	1	0.6-0.65-0.9	4	5	0.6-0.7-1.05	3
31	2	1-0.7-0.75	4	6	1-0.85-0.55	5
31	3	0.5-0.85-1.05	7	7	0.5-0.8-0.9	3
31	4	0.95-0.8-0.55	3	8	0.95-0.65-0.75	3
32	1	0.95-0.65-0.5	3	5	0.95-1.05-0.75	4
32	2	0.8-1.05-0.6	5	6	0.8-0.9-0.55	4
32	3	0.7-0.9-0.75	5	7	0.7-1-0.5	4
32	4	0.85-1-0.55	2	8	0.85-0.65-0.6	5
33	1	1-1.05-0.85	4	5	1-0.55-0.75	4
33	2	0.95-0.55-0.7	5	6	0.95-0.8-0.6	4

33	3	0.65-0.8-0.75	5	7	0.65-0.5-0.85	3
33	4	0.9-0.5-0.6	4	8	0.9-1.05-0.7	3
34	1	0.9-0.5-0.65	7	5	0.9-1.05-1	5
34	2	0.85-1.05-0.6	4	6	0.85-0.75-0.55	3
34	3	0.8-0.75-1	3	7	0.8-0.95-0.65	3
34	4	0.7-0.95-0.55	5	8	0.7-0.5-0.6	2
35	1	0.9-0.7-1.05	3	5	0.9-1-0.75	5
35	2	0.6-1-0.8	3	6	0.6-0.85-0.55	4
35	3	0.95-0.85-0.75	5	7	0.95-0.5-1.05	6
35	4	0.65-0.5-0.55	2	8	0.65-0.7-0.8	4
36	1	0.5-0.75-1.05	4	5	0.5-0.9-0.95	6
36	2	0.8-0.9-1	4	6	0.8-0.7-0.6	3
36	3	0.55-0.7-0.95	4	7	0.55-0.85-1.05	4
36	4	0.65-0.85-0.6	5	8	0.65-0.75-1	2
37	1	0.65-0.5-1	2	5	0.65-0.7-0.9	6
37	2	1.05-0.7-0.95	4	6	1.05-0.55-0.85	3
37	3	0.6-0.55-0.9	5	7	0.6-0.75-1	3
37	4	0.8-0.75-0.85	4	8	0.8-0.5-0.95	5
38	1	1.05-0.9-0.65	5	5	1.05-0.6-0.95	2
38	2	0.8-0.6-0.75	5	6	0.8-0.5-0.85	5
38	3	0.7-0.5-0.95	4	7	0.7-1-0.65	4
38	4	0.55-1-0.85	6	8	0.55-0.9-0.75	1

39	1	0.5-0.95-0.55	5	5	0.5-0.65-0.75	4
39	2	0.7-0.65-1.05	5	6	0.7-0.85-0.8	5
39	3	0.9-0.85-0.75	2	7	0.9-0.6-0.55	2
39	4	1-0.6-0.8	4	8	1-0.95-1.05	5
40	1	0.8-0.9-0.6	4	5	0.8-0.5-0.85	7
40	2	1-0.5-0.75	4	6	1-1.05-0.55	3
40	3	0.7-1.05-0.85	3	7	0.7-0.65-0.6	3
40	4	0.95-0.65-0.55	5	8	0.95-0.9-0.75	3
41	1	1.05-0.85-1	6	5	1.05-0.95-0.7	5
41	2	0.65-0.95-0.5	5	6	0.65-0.9-0.8	3
41	3	0.55-0.9-0.7	4	7	0.55-0.6-1	2
41	4	0.75-0.6-0.8	4	8	0.75-0.85-0.5	3
42	1	0.65-0.75-1	3	5	0.65-0.5-0.6	3
42	2	0.85-0.5-0.55	5	6	0.85-0.9-0.7	2
42	3	0.8-0.9-0.6	5	7	0.8-0.95-1	3
42	4	1.05-0.95-0.7	6	8	1.05-0.75-0.55	5
43	1	0.5-0.6-0.7	4	5	0.5-0.85-0.95	4
43	2	1-0.85-0.65	4	6	1-0.55-0.8	6
43	3	1.05-0.55-0.95	3	7	1.05-0.75-0.7	3
43	4	0.9-0.75-0.8	4	8	0.9-0.6-0.65	4
44	1	0.65-0.7-0.5	5	5	0.65-1-0.6	3
44	2	0.85-1-0.55	6	6	0.85-0.95-0.9	2

44	3	0.75-0.95-0.6	4	7	0.75-1.05-0.5	3
44	4	0.8-1.05-0.9	5	8	0.8-0.7-0.55	4
45	1	0.6-0.55-0.85	2	5	0.6-0.65-1	3
45	2	0.9-0.65-0.8	4	6	0.9-0.5-0.95	4
45	3	0.7-0.5-1	6	7	0.7-1.05-0.85	6
45	4	0.75-1.05-0.95	4	8	0.75-0.55-0.8	3
46	1	0.9-0.75-1.05	4	5	0.9-0.85-0.8	1
46	2	0.55-0.85-0.95	5	6	0.55-0.7-0.5	3
46	3	1-0.7-0.8	5	7	1-0.65-1.05	5
46	4	0.6-0.65-0.5	6	8	0.6-0.75-0.95	3
47	1	0.8-0.6-0.9	5	5	0.8-0.7-0.95	6
47	2	0.55-0.7-0.85	5	6	0.55-0.75-1.05	2
47	3	0.5-0.75-0.95	7	7	0.5-0.65-0.9	2
47	4	1-0.65-1.05	3	8	1-0.6-0.85	2
48	1	1.05-1-0.85	6	5	1.05-0.7-0.75	6
48	2	0.9-0.7-0.65	4	6	0.9-0.95-0.5	4
48	3	0.55-0.95-0.75	4	7	0.55-0.6-0.85	0
48	4	0.8-0.6-0.5	7	8	0.8-1-0.65	1
49	1	0.9-0.95-0.85	7	5	0.9-0.8-0.55	2
49	2	0.6-0.8-0.65	3	6	0.6-0.75-0.7	3
49	3	0.5-0.75-0.55	4	7	0.5-1-0.85	6
49	4	1.05-1-0.7	4	8	1.05-0.95-0.65	3

50	1	0.65-0.55-0.9	2	5	0.65-1.05-0.7	7
50	2	0.6-1.05-0.5	4	6	0.6-0.75-0.95	4
50	3	1-0.75-0.7	5	7	1-0.85-0.9	1
50	4	0.8-0.85-0.95	5	8	0.8-0.55-0.5	4
51	1	0.7-0.5-0.8	4	5	0.7-0.85-1	3
51	2	0.6-0.85-0.55	4	6	0.6-0.95-0.65	4
51	3	1.05-0.95-1	4	7	1.05-0.9-0.8	2
51	4	0.75-0.9-0.65	6	8	0.75-0.5-0.55	5
52	1	1.05-1-0.95	6	5	1.05-0.8-0.9	5
52	2	0.7-0.8-0.65	7	6	0.7-0.6-0.55	0
52	3	0.5-0.6-0.9	4	7	0.5-0.75-0.95	4
52	4	0.85-0.75-0.55	5	8	0.85-1-0.65	1
53	1	0.6-0.7-1	5	5	0.6-0.9-0.8	2
53	2	0.5-0.9-1.05	4	6	0.5-0.85-0.65	3
53	3	0.75-0.85-0.8	5	7	0.75-0.55-1	6
53	4	0.95-0.55-0.65	4	8	0.95-0.7-1.05	3
54	1	0.9-0.65-1	6	5	0.9-0.8-0.6	2
54	2	0.7-0.8-0.95	5	6	0.7-0.75-0.55	1
54	3	0.5-0.75-0.6	5	7	0.5-0.85-1	5
54	4	1.05-0.85-0.55	6	8	1.05-0.65-0.95	2
55	1	0.5-0.55-0.95	5	5	0.5-0.65-0.7	3
55	2	1-0.65-0.8	4	6	1-0.75-0.9	5

55	3	0.6-0.75-0.7	4	7	0.6-1.05-0.95	3
55	4	0.85-1.05-0.9	3	8	0.85-0.55-0.8	5
56	1	0.65-0.9-0.55	2	5	0.65-0.6-1.05	4
56	2	0.75-0.6-0.95	4	6	0.75-0.7-0.5	4
56	3	0.85-0.7-1.05	4	7	0.85-0.8-0.55	6
56	4	1-0.8-0.5	3	8	1-0.9-0.95	5

Note. Triplet ID represents as follows: 1 = ABC, 2 = DEF, 3 = GHI, 4 = JKL. Foil ID represents as follows: 5 = AEI, 6 = DHL, 7 = GKC, 8 = JBF. The unit of triplet duration and foil duration is second. Triplet chosen and foil chosen mean the number of triplet or foil chosen as familiar in the two-alternative forced-choice task.

Supplementary Table 20

Generalized Linear Mixed Model on the Data of Experiment 4 With Each Object Duration in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.18	0.05	3.73	< .001	[0.07, 0.29]	
The first duration of triplet	.04	0.05	0.79	.428	[-0.06, 0.13]	.160
The second duration of triplet	-.04	0.05	-0.86	.388	[-0.14, 0.05]	.172
The third duration of triplet	-.04	0.05	-0.75	.451	[-0.13, 0.06]	.166
The first duration of foil	-.06	0.05	-1.34	.180	[-0.16, 0.03]	.295
The second duration of foil	.02	0.05	0.43	.669	[-0.07, 0.12]	131
The third duration of foil	-.05	0.05	-1.04	.301	[-0.15, 0.05]	.213

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 21

Generalized Linear Mixed Model on the Data of Experiment 4 With the Differences Between the First and Second Durations and Those Between the Second and Third Durations in Triplets and Foils in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.18	0.05	3.73	< .001	[0.08, 0.27]	
Difference between the first and second durations of triplets	.07	0.06	1.34	.181	[-0.03, 0.18]	.354
Difference between the second and third durations of triplets	.03	0.06	0.61	.544	[-0.08, 0.14]	.175
Difference between the first and second durations of foils	-.05	0.06	-0.88	.377	[-0.16, 0.06]	.209
Difference between the second and third durations of foils	.03	0.06	0.48	.634	[-0.08, 0.14]	.162

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 22

Generalized Linear Mixed Model on the Data of Experiment 4 With the Difference Between the Mean Timing of Triplet Durations and of Foil Durations in the Test Phase as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.18	0.05	3.73	< .001	[0.07, 0.29]	
Difference between the mean timing of triplet durations and that of foil durations	.02	0.05	0.51	.610	[-0.07, 0.12]	.136

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 23

Generalized Linear Mixed Model on the Data of Experiment 4 With the Similarity of a Given Triplet to the Remaining Three Triplets as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.18	0.05	3.73	< .001	[0.08, 0.27]	
Similarity of distinctiveness of durations in a given triplet to those in the remaining three triplets	-.09	0.05	-1.90	.057	[-0.18, 0.00]	.734
Similarity of mean durations in a given triplet to those in the remaining three triplets	.02	0.05	0.40	.691	[-0.07, 0.11]	.136

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 24

Generalized Linear Mixed Model on the Data of Experiment 4 With the Mean Amplitude of Frequency Bands of Each Triplet as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.18	0.05	3.73	< .001	[0.07, 0.29]	
Frequency bands	-.02	0.05	-0.34	.737	[-0.11, 0.08]	.133

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 25

Number of triplet and foil chosen as familiar in the two-alternative forced-choice task of Experiment 5

participants	triplet ID	triplet duration	triplet chosen	foil ID	foil duration	foil chosen
1	1	1-0.5-1.7	4	5	1-0.6-1.5	5
1	2	1.3-0.6-1.6	2	6	1.3-0.8-0.7	6
1	3	1.2-0.8-1.5	3	7	1.2-1.1-1.7	7
1	4	1.8-1.1-0.7	3	8	1.8-0.5-1.6	2
2	1	0.8-1.5-1.2	6	5	0.8-0.7-1.8	2
2	2	1.7-0.7-1.3	6	6	1.7-0.6-1.6	2
2	3	1-0.6-1.8	7	7	1-1.1-1.2	1
2	4	0.5-1.1-1.6	7	8	0.5-1.5-1.3	1
3	1	0.7-1.8-1	4	5	0.7-1.5-0.5	3
3	2	1.1-1.5-0.6	6	6	1.1-1.6-0.8	5
3	3	1.2-1.6-0.5	1	7	1.2-1.3-1	4
3	4	1.7-1.3-0.8	5	8	1.7-1.8-0.6	4
4	1	1.3-0.6-1.6	3	5	1.3-1.5-1.7	5
4	2	0.7-1.5-1.1	4	6	0.7-0.8-1.2	5
4	3	1-0.8-1.7	2	7	1-0.5-1.6	5
4	4	1.8-0.5-1.2	3	8	1.8-0.6-1.1	5
5	1	1.2-1.5-0.7	4	5	1.2-1.3-1	4
5	2	1.7-1.3-0.8	3	6	1.7-1.6-0.5	4
5	3	0.6-1.6-1	5	7	0.6-1.8-0.7	3
5	4	1.1-1.8-0.5	5	8	1.1-1.5-0.8	4

6	1	1.3-0.7-1.5	5	5	1.3-1.7-1.2	3
6	2	0.8-1.7-1	4	6	0.8-0.5-1.8	3
6	3	1.6-0.5-1.2	3	7	1.6-0.6-1.5	4
6	4	1.1-0.6-1.8	5	8	1.1-0.7-1	5
7	1	1.3-1.5-0.6	5	5	1.3-1.6-1.8	4
7	2	1.2-1.6-0.8	7	6	1.2-1.1-1.7	2
7	3	0.5-1.1-1.8	7	7	0.5-0.7-0.6	2
7	4	1-0.7-1.7	4	8	1-1.5-0.8	1
8	1	1.6-1.1-0.7	4	5	1.6-0.8-0.6	3
8	2	1.8-0.8-1.3	7	6	1.8-1-0.5	1
8	3	1.5-1-0.6	8	7	1.5-1.2-0.7	1
8	4	1.7-1.2-0.5	6	8	1.7-1.1-1.3	2
9	1	1.6-1.3-0.8	6	5	1.6-1-0.6	2
9	2	0.5-1-1.7	7	6	0.5-1.2-1.5	1
9	3	1.8-1.2-0.6	4	7	1.8-1.1-0.8	2
9	4	0.7-1.1-1.5	6	8	0.7-1.3-1.7	4
10	1	0.6-1.2-1.8	5	5	0.6-1.5-1.7	3
10	2	0.7-1.5-1.1	5	6	0.7-0.8-1.6	4
10	3	1-0.8-1.7	4	7	1-0.5-1.8	5
10	4	1.3-0.5-1.6	4	8	1.3-1.2-1.1	2
11	1	1.6-0.6-1.3	5	5	1.6-1.1-1	5
11	2	0.8-1.1-1.8	6	6	0.8-0.5-1.7	1

11	3	1.5-0.5-1	6	7	1.5-0.7-1.3	3
11	4	1.2-0.7-1.7	5	8	1.2-0.6-1.8	1
12	1	0.6-1-1.7	4	5	0.6-1.3-1.8	5
12	2	1.5-1.3-0.7	5	6	1.5-0.8-0.5	5
12	3	1.2-0.8-1.8	3	7	1.2-1.6-1.7	2
12	4	1.1-1.6-0.5	3	8	1.1-1-0.7	5
13	1	1-0.7-1.6	5	5	1-0.5-1.3	3
13	2	1.2-0.5-1.7	6	6	1.2-0.8-1.1	0
13	3	1.8-0.8-1.3	7	7	1.8-0.6-1.6	3
13	4	1.5-0.6-1.1	7	8	1.5-0.7-1.7	1
14	1	1-1.5-0.5	3	5	1-1.6-1.7	5
14	2	0.8-1.6-1.3	5	6	0.8-1.2-1.1	4
14	3	0.6-1.2-1.7	5	7	0.6-1.8-0.5	2
14	4	0.7-1.8-1.1	3	8	0.7-1.5-1.3	5
15	1	1.8-1.2-0.8	5	5	1.8-1-0.5	3
15	2	1.6-1-0.7	6	6	1.6-1.3-1.1	2
15	3	1.5-1.3-0.5	4	7	1.5-1.7-0.8	4
15	4	0.6-1.7-1.1	5	8	0.6-1.2-0.7	3
16	1	0.7-1.1-1.8	5	5	0.7-1.6-1.7	4
16	2	1.2-1.6-0.8	2	6	1.2-0.5-1	4
16	3	1.3-0.5-1.7	4	7	1.3-1.5-1.8	6
16	4	0.6-1.5-1	4	8	0.6-1.1-0.8	3

17	1	1.7-0.6-1.3	7	5	1.7-1.2-1.5	3
17	2	0.5-1.2-1.6	5	6	0.5-0.7-1.1	2
17	3	1-0.7-1.5	7	7	1-0.8-1.3	1
17	4	1.8-0.8-1.1	5	8	1.8-0.6-1.6	2
18	1	1.2-0.7-1.8	4	5	1.2-1.6-0.6	5
18	2	1.3-1.6-0.8	6	6	1.3-1.1-1.7	4
18	3	1.5-1.1-0.6	4	7	1.5-1-1.8	3
18	4	0.5-1-1.7	2	8	0.5-0.7-0.8	4
19	1	1.5-1.3-0.8	3	5	1.5-1.6-0.5	5
19	2	0.7-1.6-1	3	6	0.7-1.7-0.6	4
19	3	1.2-1.7-0.5	5	7	1.2-1.1-0.8	6
19	4	1.8-1.1-0.6	3	8	1.8-1.3-1	3
20	1	1.6-1.1-0.5	5	5	1.6-0.8-1.7	3
20	2	1.5-0.8-1	5	6	1.5-0.6-0.7	2
20	3	1.2-0.6-1.7	6	7	1.2-1.3-0.5	3
20	4	1.8-1.3-0.7	7	8	1.8-1.1-1	1
21	1	1.5-1.1-0.6	5	5	1.5-0.7-1.7	3
21	2	1.8-0.7-1	3	6	1.8-0.5-1.2	3
21	3	1.3-0.5-1.7	5	7	1.3-0.8-0.6	5
21	4	1.6-0.8-1.2	5	8	1.6-1.1-1	3
22	1	1.7-1-0.6	5	5	1.7-1.1-1.5	0
22	2	0.7-1.1-1.8	6	6	0.7-1.2-1.6	3

22	3	0.5-1.2-1.5	6	7	0.5-1.3-0.6	3
22	4	0.8-1.3-1.6	5	8	0.8-1-1.8	4
23	1	1.8-1.3-0.6	2	5	1.8-1-0.5	5
23	2	1.7-1-0.7	5	6	1.7-1.1-1.2	3
23	3	1.6-1.1-0.5	4	7	1.6-1.5-0.6	5
23	4	0.8-1.5-1.2	4	8	0.8-1.3-0.7	4
24	1	0.6-1.8-1.3	5	5	0.6-0.8-1.1	2
24	2	1.2-0.8-1.5	6	6	1.2-1.7-0.7	5
24	3	0.5-1.7-1.1	5	7	0.5-1-1.3	4
24	4	1.6-1-0.7	2	8	1.6-1.8-1.5	3
25	1	1.8-0.7-1	5	5	1.8-0.6-0.5	3
25	2	1.6-0.6-1.1	4	6	1.6-1.7-1.5	4
25	3	1.3-1.7-0.5	3	7	1.3-0.8-1	4
25	4	1.2-0.8-1.5	4	8	1.2-0.7-1.1	5
26	1	1.3-0.6-1.7	4	5	1.3-0.5-1.8	4
26	2	1.6-0.5-1.2	8	6	1.6-0.8-0.7	2
26	3	1.1-0.8-1.8	4	7	1.1-1-1.7	1
26	4	1.5-1-0.7	5	8	1.5-0.6-1.2	4
27	1	1.6-0.7-1.2	6	5	1.6-0.8-1.1	2
27	2	1.8-0.8-1.3	6	6	1.8-1.5-0.5	1
27	3	0.6-1.5-1.1	7	7	0.6-1.7-1.2	3
27	4	1-1.7-0.5	6	8	1-0.7-1.3	1

28	1	0.8-1.2-1.6	4	5	0.8-0.7-0.5	3
28	2	1-0.7-1.7	3	6	1-1.1-0.6	6
28	3	1.5-1.1-0.5	6	7	1.5-1.8-1.6	4
28	4	1.3-1.8-0.6	2	8	1.3-1.2-1.7	4
29	1	1.1-0.5-1.5	3	5	1.1-0.7-0.6	5
29	2	1.6-0.7-1	4	6	1.6-1.3-1.2	6
29	3	1.8-1.3-0.6	2	7	1.8-1.7-1.5	6
29	4	0.8-1.7-1.2	3	8	0.8-0.5-1	3
30	1	0.5-1.5-1.2	5	5	0.5-0.7-1.8	3
30	2	1.6-0.7-1.1	5	6	1.6-0.6-0.8	3
30	3	1-0.6-1.8	6	7	1-1.3-1.2	3
30	4	1.7-1.3-0.8	5	8	1.7-1.5-1.1	2
31	1	1.1-1.5-0.7	5	5	1.1-1.8-1.6	5
31	2	0.6-1.8-1.2	3	6	0.6-0.5-0.8	4
31	3	1-0.5-1.6	4	7	1-1.3-0.7	3
31	4	1.7-1.3-0.8	4	8	1.7-1.5-1.2	4
32	1	1.8-0.7-1.2	6	5	1.8-1.7-1.5	0
32	2	0.6-1.7-1.1	5	6	0.6-0.8-0.5	4
32	3	1-0.8-1.5	4	7	1-1.6-1.2	3
32	4	1.3-1.6-0.5	8	8	1.3-0.7-1.1	2
33	1	0.5-1-1.5	4	5	0.5-0.7-1.6	4
33	2	1.7-0.7-1.3	6	6	1.7-1.2-1.1	4

33	3	0.6-1.2-1.6	4	7	0.6-0.8-1.5	4
33	4	1.8-0.8-1.1	4	8	1.8-1-1.3	2
34	1	1-1.5-0.6	5	5	1-1.3-0.7	3
34	2	1.8-1.3-0.8	6	6	1.8-1.1-1.2	3
34	3	1.7-1.1-0.7	4	7	1.7-1.6-0.6	5
34	4	0.5-1.6-1.2	1	8	0.5-1.5-0.8	5
35	1	1-0.8-1.7	6	5	1-1.8-0.5	3
35	2	0.7-1.8-1.3	6	6	0.7-1.2-0.6	3
35	3	1.6-1.2-0.5	4	7	1.6-1.1-1.7	2
35	4	1.5-1.1-0.6	6	8	1.5-0.8-1.3	2
36	1	1-0.6-1.6	8	5	1-0.7-1.1	0
36	2	1.7-0.7-1.3	7	6	1.7-1.8-1.2	3
36	3	0.8-1.8-1.1	4	7	0.8-1.5-1.6	3
36	4	0.5-1.5-1.2	4	8	0.5-0.6-1.3	3
37	1	0.8-1.7-1.3	3	5	0.8-0.7-1.2	4
37	2	1.5-0.7-1.1	4	6	1.5-1.6-1.8	5
37	3	0.5-1.6-1.2	4	7	0.5-1-1.3	4
37	4	0.6-1-1.8	3	8	0.6-1.7-1.1	5
38	1	1.7-0.7-1	6	5	1.7-0.6-0.5	3
38	2	1.3-0.6-1.5	7	6	1.3-1.2-1.1	3
38	3	1.8-1.2-0.5	5	7	1.8-1.6-1	2
38	4	0.8-1.6-1.1	5	8	0.8-0.7-1.5	1

39	1	0.7-1.7-1.2	6	5	0.7-1.6-0.8	4
39	2	0.5-1.6-1	4	6	0.5-1.5-1.8	2
39	3	1.1-1.5-0.8	5	7	1.1-0.6-1.2	1
39	4	1.3-0.6-1.8	8	8	1.3-1.7-1	2
40	1	1.2-0.8-1.7	1	5	1.2-1.5-0.6	5
40	2	1-1.5-0.5	4	6	1-1.8-1.3	5
40	3	1.1-1.8-0.6	4	7	1.1-1.6-1.7	4
40	4	0.7-1.6-1.3	5	8	0.7-0.8-0.5	4
41	1	1.1-1.7-0.6	5	5	1.1-1.3-1.6	3
41	2	1.8-1.3-0.8	5	6	1.8-1.2-1.5	4
41	3	0.5-1.2-1.6	4	7	0.5-0.7-0.6	6
41	4	1-0.7-1.5	2	8	1-1.7-0.8	3
42	1	0.6-1.8-1	4	5	0.6-1.7-0.8	2
42	2	0.7-1.7-1.1	5	6	0.7-1.2-1.3	3
42	3	1.5-1.2-0.8	7	7	1.5-1.6-1	3
42	4	0.5-1.6-1.3	6	8	0.5-1.8-1.1	2
43	1	1.5-0.6-1.2	6	5	1.5-1.8-1.3	1
43	2	1-1.8-0.5	8	6	1-1.7-1.1	1
43	3	0.7-1.7-1.3	4	7	0.7-0.8-1.2	4
43	4	1.6-0.8-1.1	6	8	1.6-0.6-0.5	2
44	1	1.3-0.8-1.7	6	5	1.3-1.2-1.1	2
44	2	1.6-1.2-0.7	6	6	1.6-1.5-1.8	3

44	3	0.6-1.5-1.1	4	7	0.6-0.5-1.7	2
44	4	1-0.5-1.8	3	8	1-0.8-0.7	6
45	1	1-0.7-1.7	5	5	1-1.1-1.6	2
45	2	0.6-1.1-1.5	6	6	0.6-1.3-1.8	4
45	3	0.8-1.3-1.6	4	7	0.8-0.5-1.7	5
45	4	1.2-0.5-1.8	3	8	1.2-0.7-1.5	3
46	1	0.8-1.2-1.7	5	5	0.8-1-1.8	2
46	2	1.6-1-0.7	5	6	1.6-1.3-1.5	2
46	3	0.5-1.3-1.8	6	7	0.5-1.1-1.7	4
46	4	0.6-1.1-1.5	6	8	0.6-1.2-0.7	2
47	1	1-1.7-0.5	4	5	1-1.8-0.6	4
47	2	0.7-1.8-1.2	4	6	0.7-1.6-1.5	6
47	3	1.1-1.6-0.6	3	7	1.1-0.8-0.5	6
47	4	1.3-0.8-1.5	2	8	1.3-1.7-1.2	3
48	1	0.7-1.1-1.7	4	5	0.7-1.2-1.8	1
48	2	1.5-1.2-0.8	5	6	1.5-0.5-1.6	4
48	3	1.3-0.5-1.8	5	7	1.3-0.6-1.7	2
48	4	1-0.6-1.6	6	8	1-1.1-0.8	5

Note. Triplet ID represents as follows: 1 = ABC, 2 = DEF, 3 = GHI, 4 = JKL. Foil ID represents as follows: 5 = AEI, 6 = DHL, 7 = GKC, 8 = JBF. The unit of triplet duration and foil duration is second. Triplet chosen and foil chosen mean the number of triplet or foil chosen as familiar in the two-alternative forced-choice task.

Supplementary Table 26

Generalized Linear Mixed Model on the Data of Experiment 5 With Each Object Duration in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.38	0.09	4.48	< .001	[0.22, 0.55]	
The first duration of triplet	.00	0.11	0.00	.998	[-0.22, 0.22]	.270
The second duration of triplet	-.07	0.12	-0.59	.554	[-0.30, 0.16]	.345
The third duration of triplet	-.03	0.12	-0.28	.781	[-0.26, 0.20]	.300
The first duration of foil	.06	0.06	1.08	.280	[-0.05, 0.17]	.262
The second duration of foil	-.04	0.06	-0.63	.526	[-0.15, 0.08]	.172
The third duration of foil	.07	0.06	1.25	.213	[-0.04, 0.19]	.321

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 27

Generalized Linear Mixed Model on the Data of Experiment 5 With the Differences Between the First and Second Durations and Those Between the Second and Third Durations in Triplets and Foils in the Test Phase as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.38	0.09	4.48	< .001	[0.14, 0.63]	
Difference between the first and second durations of triplets	.05	0.07	0.83	.410	[-0.07, 0.18]	.224
Difference between the second and third durations of triplets	-.00	0.07	-0.06	.949	[-0.14, 0.13]	.165
Difference between the first and second durations of foils	.05	0.07	0.68	.497	[-0.09, 0.18]	.218
Difference between the second and third durations of foils	-.06	0.07	-0.85	.396	[-0.19, 0.08]	.249

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 28

Generalized Linear Mixed Model on the Data of Experiment 5 With the Difference Between the Mean Timing of Triplet Durations and of Foil Durations in the Test Phase as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.38	0.09	4.39	< .001	[0.14, 0.63]	
Difference between the mean timing of triplet durations and that of foil durations	-.05	0.05	-1.02	.307	[-0.16, 0.05]	.220

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 29

Generalized Linear Mixed Model on the Data of Experiment 5 With the Similarity of a Given Triplet to the Remaining Three Triplets as the Fixed Effects Variables

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.38	0.09	4.40	< .001	[0.14, 0.63]	
Similarity of distinctiveness of durations in a given triplet to those in the remaining three triplets	-.00	0.06	-0.04	.971	[-0.12, 0.11]	.148
Similarity of mean durations in a given triplet to those in the remaining three triplets	.07	0.06	1.14	.255	[-0.05, 0.18]	.284

Note. CI = confidence interval. BF = Bayes factor.

Supplementary Table 30

Generalized Linear Mixed Model on the Data of Experiment 5 With the Mean Amplitude of Frequency Bands of Each Triplet as the Fixed Effects Variable

Variable	Estimate	*SE*	*z* value	*p* value	95% CI	BF_{10}
(Intercept)	.38	0.09	4.41	< .001	[0.14, 0.63]	
Frequency bands	-.03	0.07	-0.47	.639	[-0.18, 0.11]	.204

Note. CI = confidence interval. BF = Bayes factor.