

**Looking Ahead:
Subjective Time Perception and Individual Discounting**

W. DAVID BRADFORD, PH.D. ¹

PAUL DOLAN, PH.D. ²

MATTEO M. GALIZZI, PH.D. ^{3*}

¹ *University of Georgia, Department of Public Administration and Policy, and Department of Economics, 201C Baldwin Hall, Athens GA30602. Email: bradfowd@uga.edu*

² *London School of Economics, Department of Psychological and Behavioural Science, 3.08 Queens House, 55/56 Lincoln's Inn Fields, WC2A3LJ London. Email: p.h.dolan@lse.ac.uk.*

³ *London School of Economics, Department of Psychological and Behavioural Science, and LSE Behavioural Science Hub, 3.16 Queens House, 55/56 Lincoln's Inn Fields, WC2A3LJ London. ORCID: 0000-0002-7757-5625. Phone: +44 (0)20 7955 6501. Email: m.m.galizzi@lse.ac.uk.*

* Corresponding author.

Journal of Risk and Uncertainty, 58(1), February 2019

Electronic Supplementary Material

APPENDIX A

Slider task to measure subjective time perception.

Imagine a day **4 weeks** from now.

On the below line, the left-most end of the line represents “Very short”, and the right-most end of the line represents “Very long”.

Please place a mark on the line to indicate how long you consider the **duration** to be **between today** and one day **4 weeks from now**.

Once you have done your choice, you cannot go back and change it. If you make a mistake, please call immediately the experimenter.

Very short

Very long

APPENDIX B

Examples of time preferences questions.

Pair	Option A		Option B		Your choice: A	Your choice: B
	Receive £		Receive £			
1	100	Today	100.01	Tomorrow	A	B
2	100	Today	101.54	In 1 week	A	B
3	100	Today	100.76	In 4 weeks	A	B
4	100	Today	117.5	In 13 weeks (3 months)	A	B
5	100	Today	110	In 26 weeks (6 months)	A	B
6	100	Today	160	In 52 weeks (1 year)	A	B
7	100	Today	100.08	Tomorrow	A	B
8	100	Today	100.96	In 1 week	A	B
9	100	Today	103.08	In 4 weeks	A	B
10	100	Today	110	In 13 weeks (3 months)	A	B
11	100	Today	125	In 26 weeks (6 months)	A	B
12	100	Today	130	In 52 weeks (1 year)	A	B
13	100	Today	100.16	Tomorrow	A	B
14	100	Today	100.38	In 1 week	A	B
15	100	Today	105.38	In 4 weeks	A	B
16	100	Today	102.5	In 13 weeks (3 months)	A	B
17	100	Today	140	In 26 weeks (6 months)	A	B
18	100	Today	105	In 52 weeks (1 year)	A	B

19	100	Today	100.03	Tomorrow	A	B
20	100	Today	101.35	In 1 week	A	B
21	100	Today	101.54	In 4 weeks	A	B
22	100	Today	115	In 13 weeks (3 months)	A	B
23	100	Today	115	In 26 weeks (6 months)	A	B
24	100	Today	150	In 52 weeks (1 year)	A	B
25	100	Today	100.05	Tomorrow	A	B
26	100	Today	101.15	In 1 week	A	B
27	100	Today	102.31	In 4 weeks	A	B
28	100	Today	112.5	In 13 weeks (3 months)	A	B
29	100	Today	120	In 26 weeks (6 months)	A	B
30	100	Today	140	In 52 weeks (1 year)	A	B
31	100	Today	100.1	Tomorrow	A	B
32	100	Today	100.77	In 1 week	A	B
33	100	Today	103.85	In 4 weeks	A	B
34	100	Today	107.5	In 13 weeks (3 months)	A	B
35	100	Today	130	In 26 weeks (6 months)	A	B
36	100	Today	120	In 52 weeks (1 year)	A	B
37	100	Today	100.14	Tomorrow	A	B
38	100	Today	100.48	In 1 week	A	B
39	100	Today	104.62	In 4 weeks	A	B
40	100	Today	105	In 13 weeks (3 months)	A	B
41	100	Today	135	In 26 weeks (6 months)	A	B
42	100	Today	110	In 52 weeks (1 year)	A	B

43	100	Today	100.19	Tomorrow	A	B
44	100	Today	100.19	In 1 week	A	B
45	100	Today	106.15	In 4 weeks	A	B
46	100	Today	101.25	In 13 weeks (3 months)	A	B
47	100	Today	102.5	In 26 weeks (6 months)	A	B
48	100	Today	180	In 52 weeks (1 year)	A	B
49	100	Today	100.22	Tomorrow	A	B
50	100	Today	100.09	In 1 week	A	B
51	100	Today	100.38	In 4 weeks	A	B
52	100	Today	120	In 13 weeks (3 months)	A	B
53	100	Today	105	In 26 weeks (6 months)	A	B
54	100	Today	170	In 52 weeks (1 year)	A	B

Pair	Option A		Option B		Your choice: A	Your choice: B
	Receive £		Receive £			
55	100	Tomorrow	100.22	Day after tomorrow	A	B
56	100	Tomorrow	100.09	In 1 day and 1 week	A	B
57	100	Tomorrow	105.38	In 1 day and 4 weeks	A	B
58	100	Tomorrow	102.5	In 1 day and 13 weeks (3 months)	A	B
59	100	Tomorrow	130	In 1 day and 26 weeks (6 months)	A	B
60	100	Tomorrow	120	In 1 day and 52 weeks (1 year)	A	B
61	100	Tomorrow	100.14	Day after tomorrow	A	B
62	100	Tomorrow	100.48	In 1 day and 1 week	A	B
63	100	Tomorrow	103.08	In 1 day and 4 weeks	A	B
64	100	Tomorrow	110	In 1 day and 13 weeks (3 months)	A	B
65	100	Tomorrow	115	In 1 day and 26 weeks (6 months)	A	B
66	100	Tomorrow	150	In 1 day and 52 weeks (1 year)	A	B

67	100	Tomorrow	100.05	Day after tomorrow	A	B
68	100	Tomorrow	101.15	In 1 day and 1 week	A	B
69	100	Tomorrow	100.76	In 1 day and 4 weeks	A	B
70	100	Tomorrow	117.5	In 1 day and 13 weeks (3 months)	A	B
71	100	Tomorrow	102.5	In 1 day and 26 weeks (6 months)	A	B
72	100	Tomorrow	180	In 1 day and 52 weeks (1 year)	A	B
73	100	Tomorrow	100.19	Day after tomorrow	A	B
74	100	Tomorrow	100.19	In 1 day and 1 week	A	B
75	100	Tomorrow	104.62	In 1 day and 4 weeks	A	B
76	100	Tomorrow	105	In 1 day and 13 weeks (3 months)	A	B
77	100	Tomorrow	125	In 1 day and 26 weeks (6 months)	A	B
78	100	Tomorrow	130	In 1 day and 52 weeks (1 year)	A	B
79	100	Tomorrow	100.16	Day after tomorrow	A	B
80	100	Tomorrow	100.38	In 1 day and 1 week	A	B
81	100	Tomorrow	103.85	In 1 day and 4 weeks	A	B

82	100	Tomorrow	107.5	In 1 day and 13 weeks (3 months)	A	B
83	100	Tomorrow	120	In 1 day and 26 weeks (6 months)	A	B
84	100	Tomorrow	140	In 1 day and 52 weeks (1 year)	A	B
85	100	Tomorrow	100.1	Day after tomorrow	A	B
86	100	Tomorrow	100.77	In 1 day and 1 week	A	B
87	100	Tomorrow	102.31	In 1 day and 4 weeks	A	B
88	100	Tomorrow	112.5	In 1 day and 13 weeks (3 months)	A	B
89	100	Tomorrow	110	In 1 day and 26 weeks (6 months)	A	B
90	100	Tomorrow	160	In 1 day and 52 weeks (1 year)	A	B
91	100	Tomorrow	100.08	Day after tomorrow	A	B
92	100	Tomorrow	100.96	In 1 day and 1 week	A	B
93	100	Tomorrow	101.54	In 1 day and 4 weeks	A	B
94	100	Tomorrow	115	In 1 day and 13 weeks (3 months)	A	B
95	100	Tomorrow	105	In 1 day and 26 weeks (6 months)	A	B

96	100	Tomorrow	170	In 1 day and 52 weeks (1 year)	A	B
97	100	Tomorrow	100.01	Day after tomorrow	A	B
98	100	Tomorrow	101.35	In 1 day and 1 week	A	B
99	100	Tomorrow	106.15	In 1 day and 4 weeks	A	B
100	100	Tomorrow	101.25	In 1 day and 13 weeks (3 months)	A	B
101	100	Tomorrow	140	In 1 day and 26 weeks (6 months)	A	B
102	100	Tomorrow	105	In 1 day and 52 weeks (1 year)	A	B
103	100	Tomorrow	100.03	Day after tomorrow	A	B
104	100	Tomorrow	101.54	In 1 day and 1 week	A	B
105	100	Tomorrow	100.38	In 1 day and 4 weeks	A	B
106	100	Tomorrow	120	In 1 day and 13 weeks (3 months)	A	B
107	100	Tomorrow	135	In 1 day and 26 weeks (6 months)	A	B
108	100	Tomorrow	110	In 1 day and 52 weeks (1 year)	A	B