

# TeensLab dataset: Economic preferences and cognitive abilities among teenagers

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## ABSTRACT

This dataset originates from *TeensLab*, a consortium of Spanish Universities dedicated to behavioral research involving Spanish teenagers. The dataset contains data from 33 distinct educational institutions across Spain, accounting for a total of 5,890 students aged 10 to 23 ( $M=14.10$ ,  $SD=1.94$ ), representing various educational levels such as primary school, secondary school, sixth form and vocational training. The main dimensions covered in this dataset include *i*) economic preferences, *ii*) cognitive abilities and *iii*) strategic thinking. Additionally, a range of supplementary variables is included alongside socio-demographic factors, capturing data on aspects like physical appearance, mood and expectations, among others.

## Background & Summary

Adolescence is a stage of major physical, psychological, emotional and social development, representing a crucial period in human life. The experiences, skills and habits that are accumulated during this stage have a permanent impact on human life. Therefore, understanding the behavior of individuals throughout this period is essential to supporting their development and ensuring their success in adulthood. Indeed, there is great interest in underlying motivations of adolescent behaviors for the design of public policies<sup>1</sup>.

It is widely recognized that individual preferences and cognitive abilities are important determinants of real-life decision-making of adults in strategic and non-strategic situations<sup>2-6</sup>. Understanding and predicting the future behavior of adults, it is crucial to comprehend the development of their attitudes toward risk, their social and time preferences, their cognitive abilities, creativity, etc., particularly during younger ages<sup>7-18</sup>.

The dataset presented here contributes to the literature on adolescence by eliciting—using the tools of experimental economics—rich information on economic preferences, cognitive abilities, strategic thinking behaviour and other information from a large set of adolescents in Spain. We conducted lab-in-the-field experiments in 33 different educational centers, accounting for a total of 5,890 observations of Spanish students. In addition to socio-demographic details and other variables related to the individual, the data includes several sets of variables: Economic preferences, cognitive abilities, strategic thinking and other additional instruments.

Our dataset can contribute to future research on adolescents in at least two ways. First, it allows researchers to study adolescent decision-making and understand developmental causes of anomalous behavior. Second, it provides information on economic preferences, cognitive skills and other individual information, enabling exploring the extent to which these variables are sensitive to the class and school environment.

This dataset has been previously employed in the following studies: *i*) An analysis of the relevance of monetary incentives,

41 experimental tools and protocols to collect data in schools<sup>19</sup>, *ii*) a study of the impact of visual aids in experimental lottery tasks  
42 to reduce inconsistency among adolescents<sup>20</sup>, *iii*) the development of time and risk preferences throughout the adolescence<sup>21</sup>,  
43 *iv*) the dynamics of social preferences among girls and boys<sup>22</sup> and *v*) the use of coordination devices among adolescents<sup>23</sup>.  
44 These studies as well as information about the *TeensLab* can be found on our website ([https://loyolabehlab.org/  
45 teenslab/](https://loyolabehlab.org/teenslab/)).

## 46 **Methods**

### 47 **Data Acquisition**

48 Conducting research with minors requires adherence to strict protections and laws. Our experiment was approved by the Ethical  
49 Committee of Universidad Loyola Andalucía. Furthermore, for 10-year-olds, it was also approved by the Bioethics Commission  
50 of the University of Barcelona. In addition, all responses were guaranteed to be anonymized and researchers are not able to  
51 identify subjects.

52 To mitigate issues related to non-standard samples and minimize missing data, we simplified response formats, predomi-  
53 nantly using multiple-choice questions rather than open-ended ones. The design of the software required that participants could  
54 not skip questions. However, for potentially sensitive topics, they were allowed to choose the option "I would prefer not to  
55 answer".

56 The participant pool was recruited through agreements with school headmasters, who agreed to integrate the experiment  
57 into their pedagogical curriculum and to carry it out as a classroom activity. Consequently, we achieved a high level of  
58 participation<sup>19</sup>. The experiments were conducted on-site at schools using an online platform named Social Analysis and  
59 Network Data (SAND; <https://sand.kampal.com>), enhancing data privacy control. This platform allows students  
60 to navigate and complete the experimental questionnaire, which is divided into several sections, on their devices (tablets,  
61 computers, or smartphones).

62 The questionnaire was administered entirely in Spanish. Due to the restrictive school policies on experiments involving  
63 real money, we used hypothetical rewards. However, it has been documented that the behavior of adolescents does not differ  
64 between incentivized and hypothetical payment schemes at least for risk and time preferences, suggesting the reliability of the  
65 findings<sup>24-30</sup>.

### 66 **Behavioral Measurements**

67 Apart from basic information regarding the school (province, city and public/semi-private) and the class (stage, grade, group,  
68 class size), our dataset includes individual-level measurements for the following three behavioral dimensions:

- 69 • **Economic preferences:** Time discounting (patience)<sup>19,31</sup>, risk preferences (prudence)<sup>19,20</sup>, social preferences (egalitari-  
70 anism, altruism, spitefulness)<sup>32-34</sup> and honesty<sup>35</sup>.
- 71 • **Cognitive abilities:** Cognitive reflection<sup>19,36</sup>, financial abilities<sup>19</sup>, probability knowledge and accuracy<sup>37</sup> and creativity<sup>38</sup>.
- 72 • **Strategic thinking:** Subjects choices and expectations in strategic environments (games)<sup>22</sup>.

73 We also collected information regarding the participant's family background and outcomes in school:

- 74 • **Socio-demographics:** Age, gender, self-reported income, migrant status and family composition (number of siblings and  
75 her ranking).
- 76 • **GPA:** The self-reported number of A's and B's scored in Mathematics, English and Spanish Literature during the previous  
77 year.
- 78 • **Physical appearance:** Self-reported height, weight and appearance by Stunkard figure scale<sup>39,40</sup>.
- 79 • **Mood:** Three items from the Kidscreen questionnaire about their interactions at school, assessing whether they have fun  
80 with their friends or feel lonely<sup>41,42</sup>.

81 Finally, we collected - for certain sub-samples - some additional instruments to be used as auxiliary information:

- 82 • **Expectations:** Questions about achieving a university degree, traveling around the world, living abroad and desired  
83 future job.
- 84 • **Self-assessed math abilities (SAMA):** Two types of questions: "How good are you at maths?" and "How much do you  
85 like maths?"<sup>43</sup>.
- 86 • **Time discounting II:** Time preferences (patience) measured by the compound staircase version<sup>44</sup>.
- 87 • **Time perception:** Questions about future actions at three levels<sup>45</sup>.

## 88 Data Records

89 The dataset can be found in an online GitHub repository (<https://github.com/teenslab/datateenslab>) and is  
90 available in different formats (xls, cvs, dta). The screenshots of the complete experimental instructions are also available in the  
91 repository. We also provide STATA 18<sup>46</sup> scripts for some basic summaries.

## 92 Sample variables

93 The experiments were conducted over multiple sessions from 2021 to 2023. A total of 5,890 students started the experiment,  
94 but 609 did not finish the entire questionnaire. In contrast to adults, it is well known that maintaining concentration for longer  
95 periods and completing all tasks can be more challenging for children and adolescents<sup>13</sup>. Therefore, different variables in our  
96 dataset have varying numbers of observations.

97 The initial questionnaire screen provided essential information about the study, including an introduction to our team and  
98 funding sources. Additionally, participants were informed of the confidentiality of their responses and the legal framework  
99 covering their data. Participants had to provide informed consent to data protection measures to proceed with the questionnaire.

100 Figure 1 displays the distribution of the final sample by age and gender. The sample is well-balanced in terms of gender;  
101 49.68% are female students and 49.68% male. The remaining subjects (0.64%) are classified as unknown, either because they  
102 did not answer or they selected another category.

103 As for educational stages, 8.62% of the sample belongs to primary education, 84.94% belongs to secondary education,  
104 1.90% to sixth form and 4.53% to vocational training. Figure 2 reports a box plot with the age of the students distributed  
105 according to their educational stage. Additionally, Table 2 provides an overview of the educational stages in Spain classified by  
106 the age of the students.

## 107 Technical Validation

108 Our experiment includes standard tasks from the literature as well as tasks adapted by our research team from previous  
109 literature<sup>19</sup>. We have extensive prior experience in designing experiments for teenagers and collecting data in primary and  
110 secondary schools using lab-in-the-field techniques.

111 Among the data reported for the economic preferences dimension, we find a high percentage of consistent responses in the  
112 tasks that require certain within-task consistency. We observe that 82.75% of the individuals who complete the time preference  
113 task exhibit consistent behavior. Similarly, 79.20% of individuals report consistent answers in the risk preferences task<sup>20</sup>. Table  
114 3 includes a distribution of responses for both tasks across their 6 decisions, where a trend can be identified that may represent  
115 this high level of consistency. Given that they are teenagers, i.e. a non-standard population, the consistency rates are remarkably  
116 higher than those reported in the literature<sup>7,19,20</sup>.

## 117 Usage Notes

118 The repository contains a descriptive note on the variables and their coding. In addition, it can be found a visualization of the  
119 screens of the experiment in Spanish (the language in which it was presented).

## 120 Code availability

121 STATA 18<sup>46</sup> software was used. The code for the variables can be found in the aforementioned repository.

## 122 References

- 123 1. Dahl, R. E., Allen, N. B., Wilbrecht, L. & Suleiman, A. B. Importance of investing in adolescence from a developmental  
124 science perspective. *Nature* **554**, 441–450 (2018).
- 125 2. Dohmen, T., Falk, A., Huffman, D. & Sunde, U. Are risk aversion and impatience related to cognitive ability? *Am. Econ.*  
126 *Rev.* **100**, 1238–1260 (2010).
- 127 3. Falk, A. *et al.* Global evidence on economic preferences. *The Q. J. Econ.* **133**, 1645–1692 (2018).
- 128 4. Eckel, C., Johnson, C. & Montmarquette, C. Saving decisions of the working poor: Short-and long-term horizons. In *Field*  
129 *Experiments in Economics*, 219–260 (Emerald Group Publishing Limited, 2005).
- 130 5. Dohmen, T. *et al.* Individual risk attitudes: Measurement, determinants, and behavioral consequences. *J. Eur. Econ. Assoc.*  
131 **9**, 522–550 (2011).
- 132 6. Chapman, G. B. Time discounting of health outcomes. *Econ. Psychol. Perspectives on Intertemporal Choice* 395–418  
133 (2003).

- 134 7. Sutter, M., Zoller, C. & Glätzle-Rützler, D. Economic behavior of children and adolescents—a first survey of experimental  
135 economics results. *Eur. Econ. Rev.* **111**, 98–121 (2019).
- 136 8. Angerer, S., Bolvashenkova, J., Glätzle-Rützler, D., Lergepporter, P. & Sutter, M. Children’s patience and school-track  
137 choices several years later: Linking experimental and field data. *J. Public Econ.* **220**, 104837 (2023).
- 138 9. Golsteyn, B. H., Grönqvist, H. & Lindahl, L. Adolescent time preferences predict lifetime outcomes. *The Econ. J.* **124**,  
139 F739–F761 (2014).
- 140 10. Piovesan, M. & Willadsen, H. Risk preferences and personality traits in children and adolescents. *J. Econ. Behav. &*  
141 *Organ.* **186**, 523–532 (2021).
- 142 11. Andreoni, J., Di Girolamo, A., List, J. A., Mackevicius, C. & Samek, A. Risk preferences of children and adolescents in  
143 relation to gender, cognitive skills, soft skills, and executive functions. *J. Econ. Behav. & Organ.* **179**, 729–742 (2020).
- 144 12. Brocas, I. & Carrillo, J. D. Introduction to special issue “understanding cognition and decision making by children.”  
145 studying decision-making in children: Challenges and opportunities. *J. Econ. Behav. & Organ.* **179**, 777–783 (2020).
- 146 13. List, J. A., Petrie, R. & Samek, A. How experiments with children inform economics. *J. Econ. Lit.* **61**, 504–564 (2023).
- 147 14. Wong, C. A. *et al.* Applying behavioral economics to improve adolescent and young adult health: a developmentally-  
148 sensitive approach. *J. Adolesc. Heal.* **69**, 17–25 (2021).
- 149 15. Brocas, I. & Carrillo, J. D. Steps of reasoning in children and adolescents. *J. Polit. Econ.* **129**, 2067–2111 (2021).
- 150 16. Lundberg, S., Romich, J. L. & Tsang, K. P. Decision-making by children. *Rev. Econ. Househ.* **7**, 1–30 (2009).
- 151 17. Samek, A., Gray, A., Datar, A. & Nicosia, N. Adolescent time and risk preferences: Measurement, determinants and field  
152 consequences. *J. Econ. Behav. & Organ.* **184**, 460–488 (2021).
- 153 18. Huurre, T., Aro, H., Rahkonen, O. & Komulainen, E. Health, lifestyle, family and school factors in adolescence: predicting  
154 adult educational level. *Educ. Res.* **48**, 41–53 (2006).
- 155 19. Alfonso, A. *et al.* The adventure of running experiments with teenagers. *J. Behav. Exp. Econ.* 102048 (2023).
- 156 20. Vasco, M. & De Francisco, M. J. V. Holt-laury as a gumball machine. *Available at SSRN 4491386* (2023).
- 157 21. Alfonso, A., Brañas-Garza, P., Jorrat, D., Prissé, B. & Vazquez, M. The baking of preferences throughout high school.  
158 Tech. Rep., Mimeo (2024).
- 159 22. Brañas-Garza, P. Teenage girls are egalitarian, and boys are generous. *Available at SSRN 4730138* (2024).
- 160 23. Brañas-Garza, P. & Lomas, P. Developmental equilibrium selection. *Available at SSRN 4712366* (2023).
- 161 24. Brañas-Garza, P., Estepa-Mohedano, L., Jorrat, D., Orozco, V. & Rascón-Ramírez, E. To pay or not to pay: Measuring risk  
162 preferences in lab and field. *Judgm. Decis. Mak.* **16**, 1290–1313 (2021).
- 163 25. Brañas-Garza, P., Jorrat, D., Espín, A. M. & Sánchez, A. Paid and hypothetical time preferences are the same: Lab, field  
164 and online evidence. *Exp. Econ.* **26**, 412–434 (2023).
- 165 26. Kühberger, A., Schulte-Mecklenbeck, M. & Perner, J. Framing decisions: Hypothetical and real. *Organ. Behav. Hum.*  
166 *Decis. Process.* **89**, 1162–1175 (2002).
- 167 27. Chuang, Y. & Schechter, L. Stability of experimental and survey measures of risk, time, and social preferences: A review  
168 and some new results. *J. Dev. Econ.* **117**, 151–170 (2015).
- 169 28. Read, D. Monetary incentives, what are they good for? *J. Econ. Methodol.* **12**, 265–276 (2005).
- 170 29. Beattie, J. & Loomes, G. The impact of incentives upon risky choice experiments. *J. Risk Uncertain.* **14**, 155–168 (1997).
- 171 30. Horn, S. & Freund, A. M. Adult age differences in monetary decisions with real and hypothetical reward. *J. Behav. Decis.*  
172 *Mak.* **35**, e2253 (2022).
- 173 31. Coller, M. & Williams, M. B. Eliciting individual discount rates. *Exp. Econ.* **2**, 107–127 (1999).
- 174 32. Fehr, E., Bernhard, H. & Rockenbach, B. Egalitarianism in young children. *Nature* **454**, 1079–1083 (2008).
- 175 33. Corgnet, B., Espín, A. M. & Hernán-González, R. The cognitive basis of social behavior: cognitive reflection overrides  
176 antisocial but not always prosocial motives. *Front. Behav. Neurosci.* **9**, 287 (2015).
- 177 34. Brañas-Garza, P., Cabrales, A., Espinosa, M. P. & Jorrat, D. The effect of ambiguity in strategic environments: an  
178 experiment. *arXiv preprint* (2022).
- 179 35. Fischbacher, U. & Föllmi-Heusi, F. Lies in disguise—an experimental study on cheating. *J. Eur. Econ. Assoc.* **11**, 525–547  
180 (2013).

- 181 **36.** Thomson, K. S. & Oppenheimer, D. M. Investigating an alternate form of the cognitive reflection test. *Judgm. Decis. Mak.*  
182 **11**, 99–113 (2016).
- 183 **37.** Delavande, A. & Kohler, H.-P. Subjective expectations in the context of hiv/aids in malawi. *Demogr. Res.* **20**, 817 (2009).
- 184 **38.** Guilford, J. P. Creativity: Yesterday, today and tomorrow. *The J. Creat. Behav.* **1**, 3–14 (1967).
- 185 **39.** Stunkard, A. J. *et al.* An adoption study of human obesity. *New Engl. J. Medicine* **314**, 193–198 (1986).
- 186 **40.** Carrasco, R. & Gonzalez, D. The impact of obesity on human capital accumulation: An analysis of driving factors. *Mimeo*  
187 (2024).
- 188 **41.** Aymerich, M. *et al.* Desarrollo de la versión en español del kidscreen: un cuestionario de calidad de vida para la población  
189 infantil y adolescente. *Gaceta Sanit.* **19**, 93–102 (2005).
- 190 **42.** Ravens-Sieberer, U. *et al.* Kidscreen-52 quality-of-life measure for children and adolescents. *Expert. Rev. Pharmacoecono-*  
191 *nomics & Outcomes Res.* **5**, 353–364 (2005).
- 192 **43.** Adamecz-Völgyi, A., Jerrim, J., Pingault, J.-B. & Shure, D. Overconfident boys: The gender gap in mathematics  
193 self-assessment. *IZA Discuss. Pap.* (2023).
- 194 **44.** Falk, A., Becker, A., Dohmen, T., Huffman, D. & Sunde, U. The preference survey module: A validated instrument for  
195 measuring risk, time, and social preferences. *Manag. Sci.* **69**, 1935–1950 (2023).
- 196 **45.** Kiss, H. J. & Keller, T. Endogenous language use and patience. *Available at SSRN 4427263* (2023).
- 197 **46.** StataCorp. Stata statistical software: Release 18. College Station TX: StataCorp LLC. (2023).

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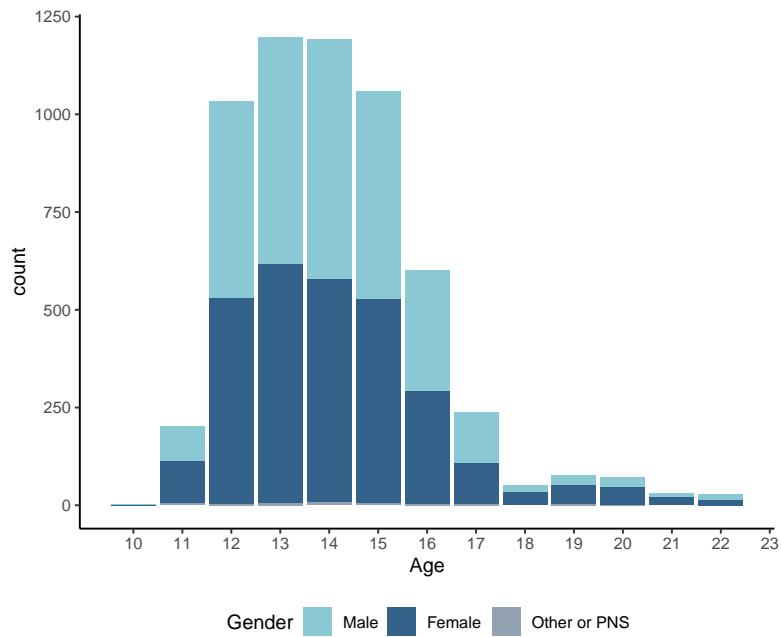
## 208 **Author contributions statement**

209 A.Al., A.C., J.A.C., A.E., M.P.E., D.J., J.K., D.M., A.S., M.J.V. and P.B. conceived the experiment. M.V., A.Al., A.Ar., T.G.,  
210 A.I., D.J., P.L., A.C.M., M.P.R., P.R. and M.J.V. conducted the experiment. A.C., J.A.C., J.K., D.M. and P.B. provided data or  
211 analysis tools. M.V., A.Al., A.Ar., T.G., D.J., P.L., A.C.M., M.P.R., P.R. and A.S. performed the analysis. M.V., T.G. and J.K.  
212 wrote the paper. A.Al., A.C., J.A.C., A.E., M.P.E., D.J., P.L., D.M., A.S. and P.B. reviewed the paper

## 213 **Competing interests**

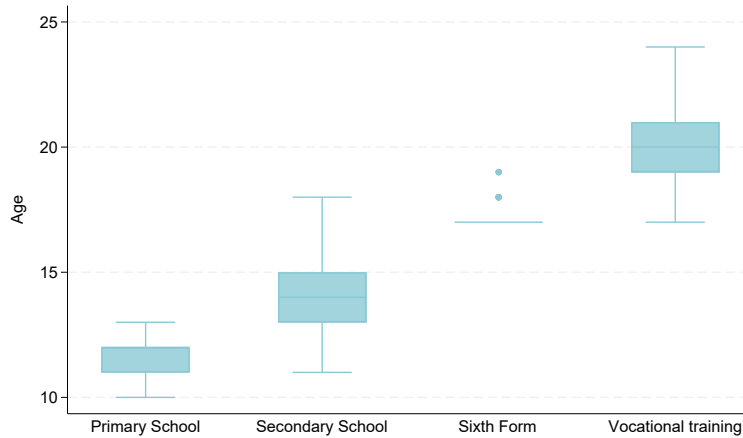
214 The authors declare no competing interests.

**Figure 1.** Distribution of the sample in terms of age and gender



Note: The histogram contains three gender categories: Male, female and other/I prefer not to say (PNS).

**Figure 2.** Age box plot by educational stage



**Table 1.** Experiment summary by dimensions and observations.

Dimension	Variable sets	Task	n
Economic preferences	Time discount	The Truck task	5684
	Risk preferences	The Gumball Machine task	5592
	Social preferences	Dictator game (3 decisions)	4479
		Dictator game (6 decisions)	857
	Honesty	Pictures game	2700
		Numbers game	852
Cognitive abilities	Cognitive Reflection Test	CRT	5655
	Finance abilities	Financial tasks	5560
	Probabilistic knowledge	Test of probability knowledge	5426
	Creativity	The Brick task	4600
		The Rope task	508
Strategic thinking	Strategic games	Dominant strategies: Uno Cards	2697
		Cournot-Nash games: Piggy bank	860
		Coordination games	1793
General information related to the individual	Socio-demographic	Age, gender, family variables	5890
	GPA	Self-reported As and Bs	5890
	Physical appearance	Self-reported height, weight and appearance by Stunkard figure scale	2627
	Mood	Short version of Kidscreen	5383
Additional instruments	Expectations	Career Ambitions and Global Exploration	1017
	Self-assessed math abilities	How good are you/How much you like	2857
	Time preferences	Compound staircase version	2450
	Perception of time	Sentence-completion task	1484

Note: In this study, multiple tasks were used in some dimensions to assess the same concepts. Due to adjustments made throughout the experimental process, it is possible to find different versions of tasks. In particular, for the assessment of social preferences, both a 3-question and a 6-question dictator game version have been used. Similarly, for the measurement of honesty, the picture difference task was predominantly used, occasionally substituted by the numerical difference task. For the evaluation of creativity, the brick task has been the main measure, although the rope task has been used alternatively in some sessions. In addition, for strategic thinking, the Uno game was used initially, followed by the piggy bank game and finishing with coordination games.

**Table 2.** Relationship between age and educational stages in Spain

Age	Educational stage
10-11	<i>Educación Primaria Obligatoria</i>
11-12	(Primary school)
12-13	
13-14	<i>Educación Secundaria Obligatoria</i>
14-15	(Secondary school)
15-16	
16-17	<i>Bachillerato</i>
17-18	(Sixth form)

Note: *Educación Primaria Obligatoria* (EPO) refers to primary school, *Educación Secundaria Obligatoria* (ESO) refers to secondary school and *Bachillerato* refers to sixth form. In Spain, compulsory education is until secondary school, after that, they can start vocational training instead of sixth form.

**Table 3.** Percentage of responses for each decision

<i>The Truck task</i>			<i>The Gumball Machine task</i>		
Decision num.	A	B	Decision num.	A	B
<i>#1</i>	83.63%	16.37%	<i>#1</i>	89.43%	10.57%
<i>#2</i>	57.80%	42.20%	<i>#2</i>	80.88%	19.12%
<i>#3</i>	46.93%	53.07%	<i>#3</i>	45.41%	54.59%
<i>#4</i>	39.34%	60.66%	<i>#4</i>	18.19%	81.81%
<i>#5</i>	36.66%	63.34%	<i>#5</i>	10.03%	89.97%
<i>#6</i>	29.19%	70.81%	<i>#6</i>	5.24%	94.76%

Note: Subjects in both tasks can exhibit inconsistent responses within the task, for instance, if they switch back from option B to option A. The same tendency can be observed in both tasks: The majority of subjects begin with option A and change to option B gradually and finally, the majority of subjects end up choosing option B in the last decision.