This archive contains files containing data and analysis from

Project ES/K000411/1

**The Role of Regret in Decision-Making: A Developmental Study**

The archive consists of the following a folder for each of the studies run as part of the project. Folders 1, 2, 4 and 6 contain files corresponding to papers describing the results of the studies, or brief methods sections where papers are still under review, data files, information letters and consent forms. In Folders 1, 2 and 4, the information letters were for parents of children invited to participate and consent forms recording their decision about consent in the light of that information. As the experiment carried out in Study 6 involved children, adolescents and adults, we have included the different information and consent forms that were given each group.

Folders 3 and 4 differ only because they each involved two experiments, and so we have included separate sub-folders for each experiment that was run. Details of the experiments contained in Folder 3 have been published so we have included a copy of the paper. For each of the experiments in Folder 4, we include a short method section. The structure of the experiment sub-folders is the same as Folders 1, 2, 5 and 6.

Below is a list of all of the files contained in the archive.

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| **Folder name** | **Constituent Files** | **Description** |
| 1Regret\_and\_Choice | Child\_Development2014.pdf | Paper describing four experiments on relations between regret and children’s decision making. The last experiment was run at the start of this project. |
|  | Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Regret\_and\_Choice.xlsx | Excel datasheet containing all the data from the experiment. |
| 2Regret\_and\_adaptive\_decision\_making | JECP2015.pdf | Paper describing the results of an experiment designed to examine how whether a child makes their own decision impacts on the relation between regret and choice. |
|  | Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Regret\_and\_adaptive\_decision\_making.xlsx | Excel datasheet containing all the data from the experiment. |
| 3Regret\_and\_risky\_Choice | JECP2016.pdf | Paper describing both experiments run as part of Study 3. These experiments show that children are capable of experiencing regret about the outcomes of choices similar to those used in research with adults. |
|  | Experiment 1/ Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Experiment 1/ Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Experiment 1/ Regret\_and\_risky\_choice\_Study1.xlsx | Excel datasheet containing all the data from Experiment 1. |
|  | Experiment 2/ Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Experiment 2/ Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Experiment 2/ Regret\_and\_risky\_choice\_Study2.xlsx | Excel datasheet containing all the data from Experiment 2. |
| 4Experienced\_and\_anticipated\_regret | Cognition\_and\_Emotion\_2015\_preprint.pdf | Preprint version of a manuscript describing three studies on children’s ability to anticipate regret. The first of these studies was run as part of the project. |
|  | Anticipated\_Regret.xlsx | Excel datasheet containing all of the data from the experiment. |
|  | Information\_and\_consent.doc | Information letter and consent form sent home to parents to allow them to make an informed decision about their child’s participation. |
| 5Regret\_and\_delayed\_gratification | Experiment 1/ Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Experiment 1/ Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Experiment 1/ Regret\_and\_delayed\_gratification\_E1\_Method.doc | Brief description of the experimental methods. |
|  | Experiment 1/ Regret\_Delayed\_Gratification\_E1.xlsx | Excel datasheet containing all of the data from Experiment 1. |
|  | Experiment 2/ Information\_Parents.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Experiment 2/ Parental\_Consent\_Form.doc | Consent form returned by parents. |
|  | Experiment 2/ Regret\_and\_delayed\_gratification\_E2\_Method.doc | Brief description of the experimental methods. |
|  | Experiment 2/ Regret\_Delayed\_Gratification\_E2.xlsx | Excel datasheet containing all of the data from Experiment 2. |
| 6Regret\_risk\_and\_missed\_opportunities | Consent\_Form\_Adolescent\_Participants.doc | Consent form completed by adolescents and a parent/guardian to indicate informed consent to participate |
|  | Consent\_Form\_Adult\_Participants.doc | Consent form, completed by adult participants to indicate informed consent to participate |
|  | Information \_Adult\_Participants.doc | Information letter provided to adult participants to allow them to make an informed decision about their participation. |
|  | Information\_Parents\_of\_adolescent\_participants.doc | Information letter sent home to parents of adolescents to allow them and their child to make an informed decision about participation. |
|  | Information\_Parents\_of\_Child\_Participants.doc | Information letter sent home to parents to allow them to make an informed decision about their child’s participation. |
|  | Parental\_Consent\_Form\_Child\_Participants.doc | Consent form returned by parents |
|  | Regret\_and\_Missed\_Opportunities.xlsx | Excel datasheet containing all of the data from this study of regret, risk and missed opportunities in children, adults and adolescents |
|  | Regret\_Risk\_and\_Missed\_Opportunities\_Method.doc | Brief description of the experimental methods. |

Further information about this project can be found at <http://www.epsscienceofregret.com/>