"A Structural Analysis of Disappointment Aversion in a Real Effort Competition"
by David Gill and Victoria Prowse

Data Appendix
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This data appendix contains four folders:

zTreeCode
•This folder contains a zTree treatment file called **paying session_20.ztt.** This treatment was used to collect data on effort choices in the ten rounds of our real effort tournament.
•The enclosed zTree treatment is constructed for 20 subjects (as used in all sessions of the experiment). One must change the background variables AND matching table if the treatment is to be implemented with any other number of subjects.
•The short note titled "A Novel Computerized Real Effort Task Based on Sliders" (2011) by David Gill and Victoria Prowse (available via the Southampton Discussion Papers in Economics and Econometrics series) provides further details regarding the real effort slider task used in this paper. Abbreviated zTree code to run just our slider task is available from Victoria Prowse's website.

Data
•This folder contains two Stata data sets, called **master_data.dta** and **master_data_FM.dta**, which contain all variables needed for the reduced form and structural analysis presented in the paper. This folder further contains five csv files, all created from **master_data.dta** using **StataCode.do** (see below). These csv files are called **e1.csv**, **e2.csv**, **prize.csv**, **S1.csv** and **S2.csv** and are inputs to the structural estimation that is performed in Matlab. For convenience, all of these csv files are also included in the folder called MatlabCode.
•This folder also contains an Excel data set called **comprehension.xls**. This file contains all the data collected from the comprehension quiz.

StataCode
•This folder contains a Stata do file called **StataCode.do.** This file codes the construction of the csv data sets used in the structural estimation. This file further contains all the commands necessary to produce Tables 1 and 2 and the results concerning probability weighting, peer effects and reciprocity.

MatlabCode
•This folder contains the Matlab files needed to implement all specifications of the structural model reported in the paper.
•The m file **Run.m** sets up and runs the estimation. At the start of this m file there are a number of parameters that control the specification of the estimated model. The current settings are for the preferred specification. Instructions at the start of **Run.m** explain how to implement the other specifications.
•The files **se.m** and **pe.m** are used to construct post estimation quantities (including standard errors and reaction functions). The other m files in this folder are called by **Run.m**, **se.m** or **pe.m**. The csv and .mat files in this folder are called by **Run.m**.