Default tests

In the experiment, we ran each treatment (internal and external dictator) under two different default conditions, to check for the existence of default bias in our experiment. In the *Equal payment default* condition, at the start of the simulations all choices are set to *equal payment*. This means that a subject not willing to do any effort can sit the experiment out and will submit an *equal payment* rule on both luck and effort dimensions. The *Equal dividends default* condition operates in a similar way, with the default set to *equal dividends*. This allows us to test is whether there is an effect of a default.

We test the default effect separately for each of the two treatments, and for each of the scenarios. The table reports p-values for χ^2 tests applied to raw choice data. Across the board, the default conditions have no significant effect.

	Scenario 1	Scenario 2	Scenario 3
Internal dictator	0.3529	0.3749	0.8508
External dictator	0.4241	0.4247	0.2577

These tests were done at the level of the *scenario*. This means that, in simple scenarios, an observation is a vector of two choices, one for each possible outcome of the variable of interest (luck or effort). We can run tests for sub-scenario variables. Results of the χ^2 tests are reported in the table. Again, no significance across the board. The only marginally significant value is the third choice of Scenario 3, that is significant at 10%. Nonetheless, these p-values were not corrected for multiple testing. Since the third choice in itself is likely not meaningful when taken in isolation, we are not worried by this little bit of significant evidence in a sea of not significant correlations.

	Sc1a	Sc1b	Sc2a	Sc2b	Sc3a	Sc3b	Sc3c	Sc3d
Int	1	0.1848	0.3436	0.8498	1	0.5762	0.1972	0.2679
Ext	0.4119	0.2879	0.2131	0.7634	0.6449	1	0.05338	0.771

We can conclude that there is no effect of the given default in our experiment. This is in line with qualitative data, that tell us that subjects made extensive use of the simulator to inspect the results of different rules and the impact of different parameters, thereby watering down any default effect that might have existed. In the remainder of the paper, we will therefore pool the data of the two conditions, and consider only two treatments: *Internal* and *External dictator*.