

1 Collected strategy answers in Canteen Dilemma from AMT and DTU experiments

Strategy Categories	AMT	DTU1	DTU2
1. Guess / miscellaneous answers	125 (18.6%)	7 (8.9%)	1 (2.4%)
2. Non-random strategies, not fitting in other categories	145 (21.8%)	9 (11.4%)	8 (19%)
3. Loosely time dependent, strategy based on time	163 (24.3%)	13 (16.5%)	5 (11.9%)
4. Canteen at 8:50, office at 9:00 and later	46 (6.9%)	6 (7.6%)	8 (19%)
5. Canteen at 8:40, office at 8:50 or later	56 (8.3%)	12 (15.2%)	7 (16.7%)
6. Canteen at 8:30, office at 8:40 and later	8 (1%)	5 (6.3%)	1 (2.4%)
7. Explicit first-order social reasoning	28 (4%)	9 (11.4%)	0 (0%)
8. Explicit second-order social reasoning	0 (0%)	2 (2.5%)	0 (0%)
9. Behavior based, match the other player, reactive	81 (12%)	3 (3.8%)	1 (2.4%)
10. Learning or changing strategy through game	18 (2.7%)	9 (11.3%)	6 (14.3%)
11. Awareness of office only strategy	0 (0%)	3 (3.8%)	0 (0%)