

Appendix

Table A1 :List of receptacles, buildings and location allocation, participants and extra-trial factors.

MR: mixed-recycling, DR: dry recycling, NR: non-recycling

	Building	Floor	Location	Participants	Extra-trial factors
Control Group	CH	-1	Room	Students	MR and NR
		0	Room	Mixed	MR
		0	Hallway	Mixed	MR
		0	Kitchen	Students	NR
		0	Library	Students	None
		1	Kitchen	Staff	NR
		2	Kitchen	Students	None
		3	Kitchen	Staff	None
		4	Kitchen	Staff	None
Treatment Group 1	22 GS	1	Hallway	Mixed	DR
		1	Kitchen/corridor	Staff	MR
		1	Kitchen/corridor	Staff	None
		2	Hallway	Mixed	None
		2	Kitchen/corridor	Students	MR and DR
		3	Hallway	Mixed	None
		3	Kitchen/corridor	Students	None
		4	Hallway	Mixed	None
		4	Kitchen/corridor	Students	2 MR and DR
Treatment Group 2	22 GS	5	Hallway	Mixed	None
		5	Kitchen/corridor	Students	2 MR and DR
		6	Hallway	Mixed	None
		6	Kitchen/corridor	Students	2 MR
		6	Kitchen/corridor	Students	None

Table A2: Average weight error cluster

Misplaced or Clean		Misplaced or dirty		Misplaced	
NR	(g)	MR	(g)	FW	(g)
Plastic container	25	Plastic container	25	Plastic container	25
Paper bag	30	Paper bag	30	Paper bag	30
Plastic Bottle (Water)	15	Plastic bottle (Juice)	20	Paper tissue	1
Cans	12	Plastic cup	15	Metallised plastic	2
Glass Bottle	225	Plastic lid	5	Plastic cup	20
Food Waste	43	Plastic glass	20		
Tea bags	5	Paper lunch box	20		
		Sandwich box	15		
		Specific brand lunch box	65		
		Soup box	20		
		Metallised plastic	2		
		Paper tissue	1		
		Banana	45		
		Sandwich	40		
		Tea bag	5		

Notes: The average weight of each error cluster type, W_m in equation (1), is calculated considering 10 different items per error cluster type and averaging their weight with a scale of ± 1 .

Table A3: Error cluster codes

Cluster code	Error cluster
1	Plastic container
2	Paper bag
3	Plastic bottle (Juice)
4	Plastic Bottle (Water)
5	Cans
6	Glass Bottle
7	Plastic cup
8	Plastic lid
9	Plastic glass
10	Paper lunch box
11	Sandwich box
12	Specific brand lunch box
13	Soup box
14	Metallised plastic
15	Paper tissue
16	Banana
17	Sandwich
18	Tea bag
19	Food Waste

Table A4: Two-way Anova

Treatments		NR	MR	FW
1	CTP	.053*	.001 ***	no
1	CT	.049 **	.0025 ***	no
1	TP	no	.006***	no
2	CTP	no	no	no
2	CT	no	0.06	no
2	TP	no	no	no
Control	CTP	no	no	no
Control	CT	no	no	no
Control	TP	no	no	no

*** $p < 0.001$, ** $p < 0.01$, * $p < 0.05$, $p < 0.1$, “no” = no significant value

Notes: The table reports t-tests results in Treatment 1, with CTP (which tests average percentage errors in treatment condition versus pre-treatment and post-treatment); CT (which tests average percentage errors in treatment condition versus pre-treatment); and TP (which tests average percentage errors in treatment condition and pre-treatment condition).

Common-Trends

Figure A1 – Linear trend model for parallel trend assumption group 1

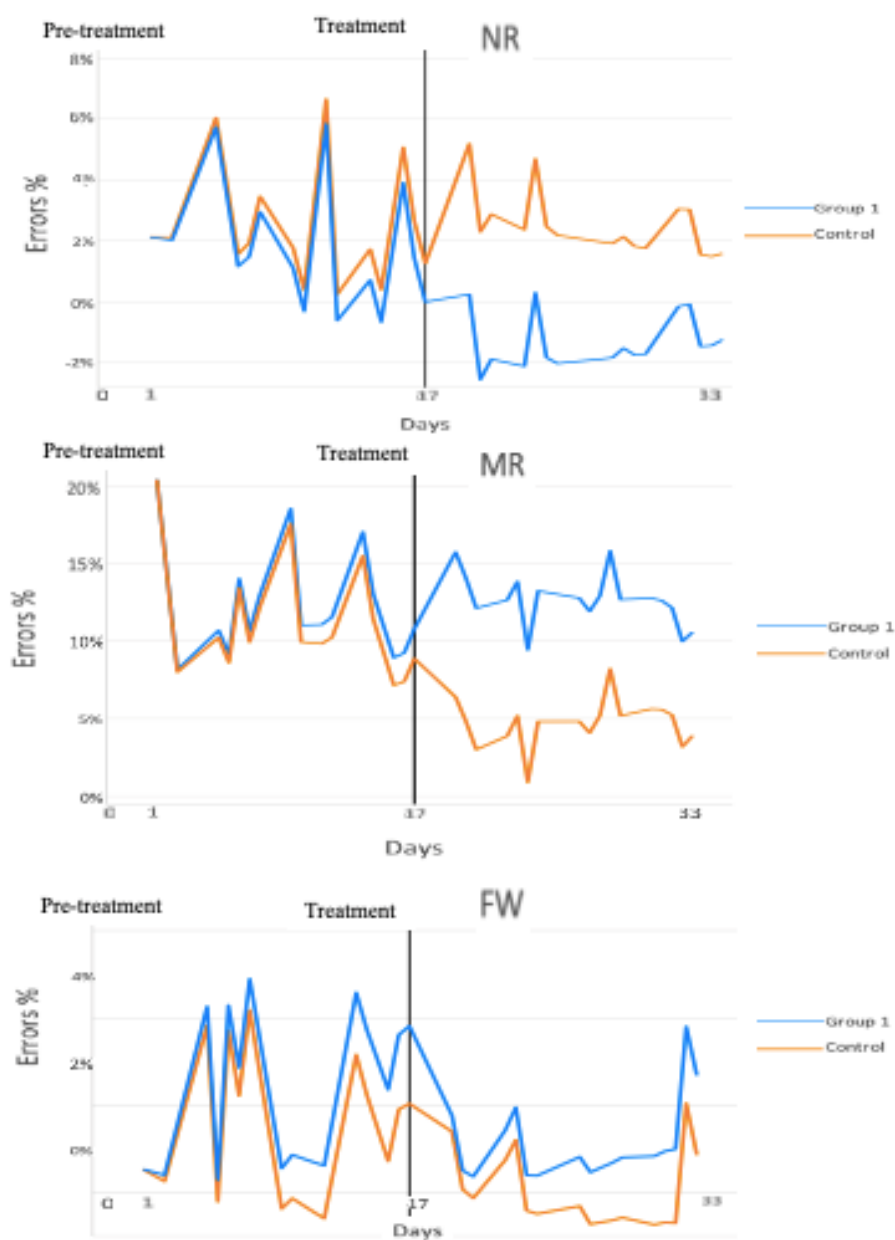


Figure A2 – Linear trend model for parallel trend assumption group 2

