

SUPPLEMENTARY MATERIAL

Table A | Water handling and hygiene conditions in households using a normal jerry can (NJC) and household using a Maji Safi container (MSC)

	Group: Normal jerry cans (NJC)			Group: Maji Safi container (MSC)			Significance of difference between groups
	N	Mean (SD)	Median (25/75 Quartiles)	N	Mean (SD)	Median (25/75 Quartiles)	
Nr. of people in household	66	4.1 (1.6)		69.0	4.1 (1.6)		t(133)=0.01 p>0.05
Nr. of school-going children	66	0.7 (0.8)		69.0	0.9 (0.8)		t(133)=-1.5 p>0.05
Nr. of water purchases from kiosk per week	66	1.7 (1.3)		69.0	1.6 (0.7)		t(133)=0.7 p>0.05
Amount of water purchased per week (L)	66	30.6 (25.5)		69.0	19.8 (15.1)		t(133)=3.0 p=0.003*
Perceived quality of kiosk water <i>1=very bad, 2=bad, 3=medium, 4=good, 5=very good</i>	66	4.5 (0.6)	5 (4/5)	69.0	4.7 (0.5)	5 (4/5)	U=1850, z=-2.2, p=0.03*
Taste of water from numbered jerry can <i>1=very bad, 2=bad, 3=medium, 4=good, 5=very good</i>	66	4.5 (0.7)	5 (4/5)	69.0	4.6 (0.5)	5 (4/5)	U=1982, z=-1.5, p>0.05
How often do you clean the container inside <i>0=never, 1=less than every week, 2=once per week, 3=every third day, 4= every second day, 5= every day</i>	66	2.0 (1.0)	2 (1/3)	69.0	2.2 (0.7)	2(2/2)	U=1998, z=-1.4, p>0.05
How often do you get the container disinfected at the kiosk <i>0=never, 1=sometimes, 2=always when I get water from there</i>	66	0.0 (0.0)	0 (0/0)	69.0	1.0 (0.9)	1 (0/2)	U=858, z=-7.6, p=000*
Nr. of handwashing with soap yesterday	66	3.0 (1.7)		69.0	3.2 (1.6)		t(133)=-0.5 p>0.05
	N	Percentage		N	Percentage		
HH also uses other sources for drinking water	66	68		69	43		
Other source: public tap	45	91		30	90		
Other source: piped house connection	45	4		30	3		
Other source: bore hole	45	4		30	3		
Other source: bottled water	45	4		30	7		
Kiosk water is treated at household level	66	6		69	7		
Non kiosk water is treated at household level	66	35		69	48		
Household water treatment: water filter	23			33			
Household water treatment: chlorination	23	70		33	33		
Household water treatment: boiling	23	52		33	79		
Use the same container to collect water from different sources	45	71		30	40		
Materials used to clean water containers at household level							
Sometimes soap	63	25		68	19		
Always soap	63	57		68	63		
Sometimes chlorine	63	0		68	6		
Always chlorine	63	0		68	6		
Sand	63	6		68	4		
Sponge	63	14		68	28		
Rough sponge	63	48		68	38		
Cloth/fishnet/rope	63	14		68	13		
Ash	63	0		68	0		

Water extraction from container: dipper	66	3	69	0
Water extraction from container: pour out water	66	95	69	97
No handwashing station	66	97.0	69	91.0
Handwashing station: tippi taps	66	.0	69	3.0
Handwashing station: piped tap	66	3.0	69	4.0
Handwashing station: container with tap	66	.0	69	1.0
No private latrine	66	95.5	69	84.0
Private pit latrine, VIP latrine or pour flush latrine	66	4.5	69	16.0
Shared or private latrine looks clean	66	49.0	69	64.0
Water storage container looks clean	66	79.0	69	86.0

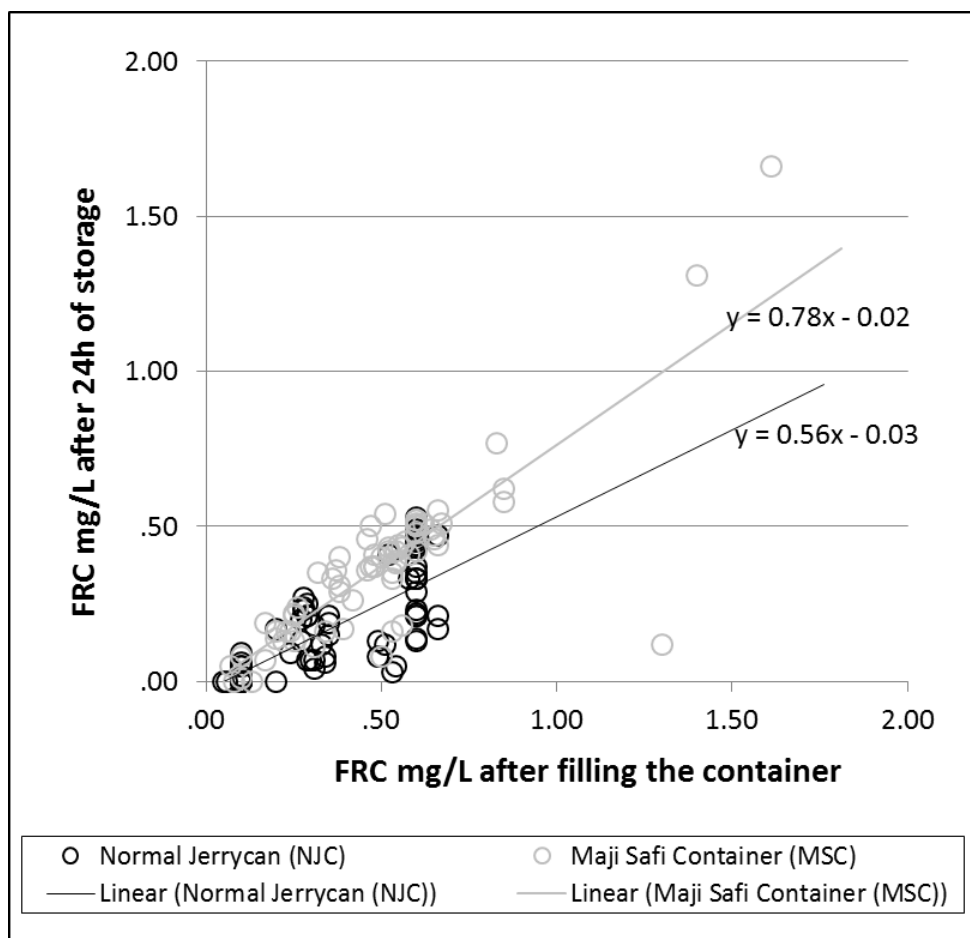


Figure A | Free residual chlorine in normal jerry cans and Maji Safi containers after filling and after 24 h of storage.