

Article

Vaccine Hesitancy and Perceptions of the Community About Polio in High-Risk Areas of Karachi, Sindh, Pakistan

Fayaz Hussain Abbasi ¹, Ahmed Ali Shaikh ^{1,2}, Jaishri Mehraj ^{1,3,*}, Syed Musa Raza ^{1,4}, Shumaila Rasool ^{1,5}, Umar Farooq Bullo ¹, Sandeep Mehraj ^{1,5}, Zamir Ali Phul ^{1,5}, Sundeep Sahitia ^{1,6}, Asif Ali Zardari^{1,6} and Shoukat Ali Chandio ^{1,4}

¹ Emergency Operations Centre for Polio Eradication and Immunization, Government of Sindh, Karachi, 75510, Pakistan

² Bill and Melinda Gates Foundation, Islamabad 44000, Pakistan

³ Integral Global Health Inc., Islamabad 44000, Pakistan

⁴ The United Nations Children’s Fund (UNICEF), Islamabad 44050, Pakistan

⁵ National Stop Transmission of Polio (N-STOP) Program, Karachi 75510, Pakistan

⁶ World Health Organization (WHO), Islamabad 45500, Pakistan

* Correspondence: jaishrimhraj@gmail.com; Tel.: +00 92-21-35213035 (JM)

Table S1. Union Council-wise distribution of study participants in 34 High-Risk Union Councils of Karachi division, Sindh, Pakistan.

Union Councils	Number	Percent
BALOCH GOTH - 13	10	3.1
BANARAS COLONY - 7	10	3.1
BILAL COLONY - 1	10	3.1
*CHISTI NAGAR - 7	10	3.1
CIVIL LINES - 9	10	3.1
FIRDOUS COLONY - 2	9	2.8
FRONTIER COLONY - 6	10	3.1
GARDEN EAST - 11	8	2.5
*GUJRO A	10	3.1
*GUJRO B	9	2.8
*GUJRO C	10	3.1
*GUJRO D	10	3.1
*GUJRO E	10	3.1
GULZAR-E-HIJRAI - 12	2	0.6
ISLAM NAGAR - 3	10	3.1
*ISLAMIA COLONY - 9	10	3.1
*ITTEHAD TOWN - 2	10	3.1
KHAMISO GOTH - 9	10	3.1
MAMMARABAD – 6	10	3.1
*MANGOPIR – 8	10	3.1
MOMINABAD – 1	10	3.1
*MUSLIMABAD – 2	10	3.1
*MUZAFARABAD – 1	10	3.1

NAZIMABAD -01 – 10	11	3.4
PAHAR GANJ – 2	10	3.1
PAPOSH NAGAR – 1	10	3.1
PEHALWAN GOTH – 10	10	3.1
QASBA COLONY – 8	10	3.1
QUAIDABAD – 4	10	3.1
REHRI – 2	10	3.1
SAFORA – 13	6	1.8
*SONGAL – 5	10	3.1
SULTANABAD – 2	10	3.1
YOUSIF GOTH – 7	10	3.1
Total	325	100

* Super High-Risk Union Councils of Karachi.

Table S2. Switch pattern in reasons of missed children from one reason of refusal to another reason for the refusal or not available in different campaigns from Jan 2018 to March 2019 SIAs in 34 High-Risk Union Councils of Karachi division, Sindh, Pakistan.

[illegible]

[illegible]

[illegible]

54	G160	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness
55	SI15	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Sickness	Sickness	Sickness		Sickness
56	K20	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness
57	G16	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness
58	G78	Sickness		Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness
59	SD12	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Sickness	Sickness	Sickness
60	G84	Outside UC								Outside UC		Outside UC	Outside UC	Outside UC
61	NOR9		Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC
62	G83				Outside UC			Outside UC	Outside UC	Outside UC			Outside UC	Outside UC
63	BQ1	Locked House	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
64	OR11	Miscon-ception		Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception		Miscon-ception	Miscon-ception	Miscon-ception	Locked House	Miscon-ception	Reason change
65	G146	Miscon-ception			Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Locked House	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception
66	G3	Outside UC	Outside UC	Outside UC	Outside UC		Miscon-ception	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Reason change
67	OR26	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Direct Refusal		Locked House	Locked House	Locked House		Reason change
68	SI23	Direct Refusal		Locked House	Sickness	Locked House	Direct Refusal	Direct Refusal	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
69	LAN28		Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Repeated Cam-paigns		Repeated Cam-paigns	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Reason change
70	KA19	Miscon-ception	Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Sickness	Miscon-ception	Repeated Cam-paigns	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Reason change
71	G134	Outside UC	Direct Refusal	Outside UC		Direct Refusal		Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
72	OR28	Miscon-ception	Inside UC	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Repeated Cam-paigns	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
73	LAN6	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Direct Refusal	Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Outside UC	Reason change
74	OR48	Direct Refusal	Direct Refusal	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
75	LAN3	Miscon-ception	Religious Matter	Religious Matter	Direct Refusal	Religious Matter	Direct Refusal	Direct Refusal	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Outside UC	Reason change

76	OR12	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Outside UC	Reason change
77	LQT3	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception		Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Locked House	Miscon- ception	Reason change
78	LAN11	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Religious Matter	Outside UC	Religious Matter	Religious Matter	Reason change
79	G69	Inside UC	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception		Miscon- ception	Reason change
80	SD16	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Direct Refusal	Outside UC	Sickness		Reason change
81	LQT23		Direct Refusal		Outside UC	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
82	G140	Outside UC	Outside UC	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
83	G103	Outside UC	Direct Refusal		Direct Refusal		Outside UC	Direct Refusal	Direct Refusal	Outside UC	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Reason change
84	G111	Direct Refusal	Direct Refusal		Inside UC		Outside UC	Outside UC	Outside UC	Outside UC	Direct Refusal	Inside UC	Outside UC	Reason change
85	G135			Direct Refusal	De- mands	De- mands	De- mands	De- mands	De- mands	Outside UC	Miscon- ception	Outside UC	Outside UC	Reason change
86	LQT9	De- mands	Inside UC	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
87	KA3	Outside UC	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
88	LQT12	Inside UC		Miscon- ception	De- mands	In school	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
89	G40		Inside UC	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Direct Refusal	Direct Refusal	Repeated Cam- paigns	Locked House	Outside UC	Miscon- ception	Miscon- ception	Reason change
90	G36	Direct Refusal	Sickness	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Sickness		Direct Refusal	Outside UC	Outside UC	Reason change
91	G153	Outside UC	Miscon- ception	Miscon- ception	Direct Refusal		Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
92	G118	Direct Refusal	Direct Refusal		Inside UC		Outside UC	Outside UC	Outside UC	Outside UC	Direct Refusal	Inside UC	Outside UC	Reason change
93	LQT18			Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
94	LQT7	Direct Refusal	Outside UC	Direct Refusal	Inside UC	Outside UC			Inside UC	Inside UC		Inside UC	Outside UC	Reason change
95	G127			Outside UC	Outside UC	Religious Matter	Outside UC	Outside UC	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change

96	SD1	Direct Refusal	Direct Refusal	Direct Refusal	Repeated Cam-paigns	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Reason change
97	LAN9	Direct Refusal	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Direct Refusal	Outside UC	Miscon-ception	Sickness	Religious Matter	Reason change
98	NA19	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter			Outside UC	Miscon-ception	Outside UC	Miscon-ception	Miscon-ception	Reason change
99	OR4	Direct Refusal		Direct Refusal	Direct Refusal	Outside UC	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception		Miscon-ception	Miscon-ception	Reason change
100	G117	Direct Refusal	Sickness		Inside UC	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
101	LAN29	Religious Matter	Miscon-ception	Miscon-ception		Miscon-ception	Miscon-ception		Outside UC	Locked House	Direct Refusal	Miscon-ception	De-mands	Reason change
102	OR22	Locked House	Locked House		Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Sickness	Sickness	Reason change
103	G150		Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Direct Refusal	Miscon-ception	Miscon-ception		Outside UC		Miscon-ception	Reason change
104	LAN30	Religious Matter		Miscon-ception		Miscon-ception	Miscon-ception		Outside UC	Locked House	Direct Refusal	Miscon-ception	De-mands	Reason change
105	G8	Outside UC		Miscon-ception	Direct Refusal	Miscon-ception		Miscon-ception	Miscon-ception				Outside UC	Reason change
106	G176		Outside UC		Outside UC		Outside UC	Outside UC	Outside UC	Miscon-ception	Inside UC		Sickness	Reason change
107	G87						Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
108	OR37	Inside UC	Repeated Cam-paigns	Inside UC	Miscon-ception	Miscon-ception	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
109	OR36	Inside UC	Religious Matter	Religious Matter	Locked House	Miscon-ception	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Direct Refusal	Direct Refusal	Reason change
110	Nor12		Locked House	Locked House	Locked House	Inside UC	Inside UC	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
111	G79	Miscon-ception	Miscon-ception	Miscon-ception						Miscon-ception	Inside UC	Miscon-ception	Miscon-ception	Reason change
112	SI24	Direct Refusal		Locked House	Sickness	Locked House	Direct Refusal	Direct Refusal	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
113	SI25		Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Outside UC	Miscon-ception	Miscon-ception	Reason change
114	LQT1		Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal				Outside UC	Reason change
115	G161				Direct Refusal	Outside UC	Direct Refusal		Miscon-ception			Sickness	Outside UC	Reason change

116	G49									Direct Refusal	Outside UC	Direct Refusal	Direct Refusal	Reason change
117	KA2	Sickness	Outside UC	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Reason change
118	G175	Direct Refusal		Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Direct Refusal	Reason change
119	G169		De-mands	Miscon-ception	Miscon-ception		Miscon-ception	Direct Refusal	Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Direct Refusal	Reason change
120	G159			Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Locked House	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Reason change
121	G157			Outside UC	Locked House	Inside UC	Locked House	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Inside UC	Reason change
122	G62		Locked House	Locked House					Sickness	Locked House		Locked House	Locked House	Reason change
123	SI30	Miscon-ception	Miscon-ception			Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Outside UC	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
124	OR45	Direct Refusal	Direct Refusal	Outside UC	Direct Refusal	Locked House	Locked House	Locked House		Direct Refusal	De-mands	Direct Refusal		Reason change
125	LAN7	Miscon-ception		Miscon-ception	Repeated Cam-paigns	Outside UC	Outside UC	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
126	GI51	Direct Refusal	Outside UC	Miscon-ception	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC		Outside UC	Reason change
127	NA20	Miscon-ception	Miscon-ception	Repeated Cam-paigns	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception		Miscon-ception	Miscon-ception		Outside UC	Reason change
128	NA26	Outside UC	Outside UC	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
129	SI57	Sickness	Sickness	Sickness	Sickness	Outside UC	Miscon-ception	Sickness	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Reason change
130	G131	Outside UC	Outside UC	Direct Refusal	Outside UC	Outside UC	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Direct Refusal	De-mands	Sickness	Reason change
131	G152	Outside UC	De-mands	De-mands	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
132	NOR2		Sickness	Outside UC	Inside UC	Direct Refusal	Outside UC	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Inside UC	Reason change
133	G5	Miscon-ception	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Miscon-ception	Miscon-ception	Religious Matter				Outside UC	Reason change
134	G37	Repeated Cam-paigns			Direct Refusal	Outside UC	Direct Refusal	Miscon-ception	Direct Refusal	Inside UC	Repeated Cam-paigns	Miscon-ception	Miscon-ception	Reason change

135	G13	Sickness		Miscon- ception	Miscon- ception	Miscon- ception	Outside UC		Sickness			Locked House	Sickness	Reason change
136	G59	Inside UC	Outside UC						Inside UC	Outside UC	Outside UC		Direct Refusal	Reason change
137	G58	Inside UC	Outside UC						Inside UC	Outside UC	Outside UC		Direct Refusal	Reason change
138	G52						Outside UC		Outside UC	Outside UC		Outside UC	Direct Refusal	Reason change
139	SI58	Locked House	Locked House	Locked House	Locked House	Direct Refusal	Direct Refusal	Direct Refusal	Locked House	Direct Refusal	Religious Matter	Religious Matter	Religious Matter	Reason change
140	SI52	Religious Matter	Inside UC	Direct Refusal	Religious Matter	Direct Refusal	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
141	J9	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Outside UC	Miscon- ception	Reason change
142	LQT35	Direct Refusal	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Outside UC	Religious Matter	Miscon- ception	Sickness	Repeated Cam- paigns	Repeated Cam- paigns	Reason change
143	G33	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
144	J11	Outside UC		Outside UC	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
145	G130		Outside UC		Outside UC	Outside UC	Inside UC	Outside UC	Outside UC	Inside UC	Direct Refusal	Sickness	Direct Refusal	Reason change
146	LAN32			Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Outside UC	Direct Refusal	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Reason change
147	G134	Outside UC	Direct Refusal	Outside UC		Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
148	G80	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Outside UC	Outside UC			Outside UC	Reason change
149	Nor5			Inside UC	Direct Refusal	Direct Refusal	Direct Refusal		Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
150	G9	Sickness	Sickness	Sickness		Miscon- ception		Locked House	Outside UC				Miscon- ception	Reason change
151	LAN33	Miscon- ception	Miscon- ception	Outside UC	Miscon- ception	Outside UC	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
152	SI54	Inside UC	Locked House	Locked House	Locked House	Repeated Cam- paigns	Locked House	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
153	B46	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Outside UC	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change

154	G171	Locked House			Religious Matter	Religious Matter	Outside UC	Miscon-ception	Religious Matter	Religious Matter	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
155	G104	Direct Refusal			Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	De-mands		Outside UC	Reason change
156	G156			Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Locked House	Direct Refusal	De-mands	De-mands	Direct Refusal	De-mands	Reason change
157	G162	Outside UC				Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
158	G173	Outside UC		Miscon-ception	Inside UC	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Sickness		Sickness	Sickness	Reason change
159	KA13	Sickness	Locked House		Sickness	Repeated Cam-paigns		Sickness	Miscon-ception	Miscon-ception	Miscon-ception		Miscon-ception	Reason change
160	B33	Sickness	Inside UC	Miscon-ception	Miscon-ception	Miscon-ception	Sickness	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Reason change
161	G12	Miscon-ception		Direct Refusal	Direct Refusal	Direct Refusal	Locked House	Miscon-ception	Repeated Cam-paigns	Direct Refusal	Direct Refusal	Sickness	Sickness	Reason change
162	LAN42	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Locked House		Direct Refusal	Miscon-ception	Miscon-ception	Sickness	Reason change
163	G97		Direct Refusal	Locked House	Direct Refusal	Direct Refusal				Miscon-ception	Direct Refusal	Direct Refusal	Miscon-ception	Reason change
164	SI60	Outside UC		Sickness	Religious Matter	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
165	SI66	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Locked House	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
166	G10	Direct Refusal	Direct Refusal	Direct Refusal	Locked House	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
167	GI28	Miscon-ception	Direct Refusal	Miscon-ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Locked House	Reason change
168	GI7	Miscon-ception	Miscon-ception	Repeated Cam-paigns	Miscon-ception	Miscon-ception		Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Reason change
169	LAN10	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Miscon-ception	Miscon-ception	Religious Matter	Reason change
170	SD7	Direct Refusal	Direct Refusal	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Reason change
171	SI1	Sickness	Direct Refusal	Direct Refusal	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Direct Refusal	Miscon-ception	Miscon-ception	Reason change
172	BQ36	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Miscon-ception	Repeated Cam-paigns	Miscon-ception	Reason change

173	B42	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
174	K3	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
175	SI6	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Sickness	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
176	GI69	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
177	B26	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Miscon- ception	Reason change
178	B40	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Reason change
179	G115	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
180	KA15	Direct Refusal	Direct Refusal	Direct Refusal	Sickness	Direct Refusal	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
181	OR50	Miscon- ception	Sickness	Miscon- ception	Miscon- ception	Sickness	Sickness	Sickness	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
182	NOR7	Miscon- ception	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Reason change
183	NA4	Religious Matter	Religious Matter		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
184	LQT27	Direct Refusal	Repeated Cam- paigns		Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Reason change
185	SI3	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
186	OR44	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns		Direct Refusal	Direct Refusal	Direct Refusal		Reason change
187	LAN12	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Miscon- ception	Religious Matter	Religious Matter	Reason change
188	OR43	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Miscon- ception	Miscon- ception	Sickness		Reason change
189	G138	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Reason change
190	K1	De- mands	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
191	GI30	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception	Reason change

192	GI12	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
193	OR7	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
194	B19	De- mands	De- mands	De- mands	Repeated Cam- paigns	De- mands	De- mands	De- mands	Direct Refusal	De- mands	De- mands	De- mands	Miscon- ception	Reason change
195	Nor13	Sickness	Sickness	Sickness	Sickness	Miscon- ception	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Reason change
196	LQT33	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Repeated Cam- paigns		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
197	OR29	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal		Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
198	OR49	Miscon- ception	Miscon- ception	Miscon- ception	De- mands	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Reason change
199	B20	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal		Miscon- ception	Reason change
200	SI47	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Religious Matter	Miscon- ception	Miscon- ception		Reason change
201	NA12	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
202	Nor15	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Miscon- ception		Reason change
203	SI8	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands			Miscon- ception	Reason change
204	SI45	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Direct Refusal		Direct Refusal	Reason change
205	NA13	Direct Refusal	Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
206	OR41	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
207	LAN31	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception		Sickness	Miscon- ception	Direct Refusal	Religious Matter	Repeated Cam- paigns	Miscon- ception	Reason change
208	OR6			Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Reason change
209	G143	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
210	LQT5	Sickness				Sickness	Sickness	Direct Refusal			Direct Refusal	Direct Refusal	Locked House	Reason change

211	G88						Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
212	G100						Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception		Religious Matter	Reason change
213	G90							Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal		Direct Refusal	Reason change
214	G46								Direct Refusal	Direct Refusal		De- mands	Sickness	Reason change
215	BQ31	Sickness	Sickness	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
216	GI1	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
217	GI27	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
218	B6	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Repeated Cam- paigns	Miscon- ception	Reason change
219	SI69	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Religious Matter	Direct Refusal	Direct Refusal		Reason change
220	KA9	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Repeated Cam- paigns	Direct Refusal	De- mands	Sickness	Direct Refusal			Direct Refusal	Reason change
221	G77	Repeated Cam- paigns	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Reason change
222	KA14		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Reason change
223	G163			Miscon- ception	Direct Refusal		Direct Refusal	Sickness	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Reason change
224	G56				Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Reason change
225	GI5	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
226	NA22	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
227	G70	Direct Refusal	Direct Refusal	Repeated Cam- paigns	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Reason change
228	LQT24	Direct Refusal	Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Reason change

229	K7	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception			Sickness	Miscon- ception	Reason change
230	nor10	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Miscon- ception	Miscon- ception	Reason change
231	G93	Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal			Direct Refusal	Reason change
232	J3	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
233	LQT29	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Religious Matter	Reason change
234	LQT26	Direct Refusal	Repeated Cam- paigns		Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Reason change
235	K13	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
236	G31	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Repeated Cam- paigns	Direct Refusal	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Direct Refusal	Repeated Cam- paigns	Direct Refusal	Direct Refusal	Reason change
237	OR25	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception		Reason change
238	SI2		Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
239	G172	Repeated Cam- paigns			Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Sickness	Religious Matter	Religious Matter	Direct Refusal	Reason change
240	G57				Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Reason change
241	GI14	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
242	BQ32	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Reason change
243	SI26	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
244	J14	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
245	KA5	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
246	G128	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Sickness	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change

247	SI12	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
248	GI50	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
249	G147	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	De- mands	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Reason change
250	K5	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
251	NA28	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
252	NA14	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
253	GI57	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception		Miscon- ception	Reason change
254	NA1	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
255	BQ2	Miscon- ception	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Miscon- ception	Sickness	Sickness	Miscon- ception	Reason change
256	NA5	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
257	J13	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Reason change
258	G27	Miscon- ception	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Direct Refusal	Sickness	Sickness	Reason change
259	SI68	Direct Refusal	Sickness	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
260	NA31	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Miscon- ception	Miscon- ception		Reason change
261	NA15	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	De- mands	Direct Refusal		Reason change
262	SI9	Religious Matter	Religious Matter		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Reason change
263	NA11	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Reason change
264	OR24	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Miscon- ception	Miscon- ception	Miscon- ception		Reason change
265	SI51	Sickness	Sickness	Sickness		Sickness	Direct Refusal	Sickness	Sickness	Miscon- ception		Miscon- ception	Miscon- ception	Reason change
266	B8	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness		Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change

267	NA29	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
268	G138	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Religious Matter	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Reason change
269	NOR8		Direct Refusal	Direct Refusal	De- mands	De- mands	Direct Refusal		Repeated Cam- paigns	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Reason change
270	SD13	Direct Refusal		Direct Refusal	Repeated Cam- paigns		Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
271	G123		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
272	G35	Religious Matter	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Reason change
273	G144			Direct Refusal	Direct Refusal	Locked House	Direct Refusal	Direct Refusal	De- mands	Miscon- ception	De- mands	Miscon- ception	Miscon- ception	Reason change
274	G86						Direct Refusal		Repeated Cam- paigns	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
275	NA2	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Reason change
276	KA8	Sickness	Sickness	Direct Refusal	Sickness	Direct Refusal	De- mands	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Sickness	Reason change
277	B37	De- mands	De- mands	De- mands	De- mands	De- mands	De- mands	De- mands	De- mands	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
278	BQ15	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Religious Matter	Miscon- ception	Reason change
279	SD3	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Reason change
280	SI5	Sickness	Sickness	Sickness	Sickness	Sickness	Sickness	Direct Refusal	Direct Refusal	Sickness	Sickness	Sickness	Sickness	Reason change
281	GI36	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Religious Matter	Reason change
282	LAN21	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
283	LQT11		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Reason change
284	LQT29	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Religious Matter	Reason change

285	LQT34	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Direct Refusal	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
286	BQ27	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Repeated Cam- paigns	Miscon- ception	Reason change
287	SI43	Miscon- ception		Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Direct Refusal	Religious Matter	Miscon- ception	Reason change
288	SI44	Religious Matter	Religious Matter	Religious Matter	Religious Matter		Religious Matter	Religious Matter	Religious Matter	Religious Matter	Direct Refusal	Religious Matter	Religious Matter	Reason change
289	SI41	Direct Refusal	Direct Refusal	Religious Matter	Miscon- ception		Religious Matter	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Miscon- ception	Miscon- ception	Reason change
290	GI58	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
291	SI36	Religious Matter	Religious Matter	Religious Matter	Repeated Cam- paigns		Miscon- ception	De- mands	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Reason change
292	B2	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal		Direct Refusal	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
293	BQ30	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
294	LAN24	Direct Refusal	Repeated Cam- paigns	Miscon- ception	Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Miscon- ception	Sickness	Repeated Cam- paigns	Miscon- ception	Reason change
295	GI52	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
296	BQ34	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
297	NA23	Miscon- ception			Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Religious Matter	Miscon- ception	Miscon- ception	Reason change
298	G120	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Repeated Cam- paigns	Miscon- ception	Sickness	Reason change
299	G34	Repeated Cam- paigns	Repeated Cam- paigns	Miscon- ception	Repeated Cam- paigns	Miscon- ception		Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
300	LAN36	Miscon- ception	Miscon- ception		Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Religious Matter	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Reason change
301	B12					Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change

302	SD15	Direct Refusal		Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
303	G155		Sickness		Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
304	G92	Sickness	Repeated Cam- paigns	Sickness	Sickness					Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
305	G81			Repeated Cam- paigns	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Miscon- ception	Reason change
306	G4	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Repeated Cam- paigns			Miscon- ception	Miscon- ception		Miscon- ception	Miscon- ception	Reason change
307	G39	Repeated Cam- paigns				Direct Refusal	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Repeated Cam- paigns	Direct Refusal	Religious Matter	Religious Matter	Reason change
308	G85					Direct Refusal				Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
309	LAN44	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Sickness	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
310	LAN8	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Religious Matter	Miscon- ception	Reason change
311	B41	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
312	BQ25	Sickness	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
313	B10	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Direct Refusal	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
314	SI34	Direct Refusal	Direct Refusal	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Reason change
315	J12	Religious Matter	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Reason change
316	SI39	Religious Matter	Religious Matter	Direct Refusal	Miscon- ception	Miscon- ception	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Reason change
317	B13	Sickness	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
318	GI43	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Miscon- ception	Direct Refusal	Miscon- ception	Miscon- ception	Reason change
319	SI32	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	Miscon- ception	Reason change
320	B30	Direct Refusal	Miscon- ception	De- mands	Direct Refusal	Direct Refusal	Direct Refusal	Direct Refusal	De- mands	Direct Refusal	Direct Refusal	Miscon- ception	Miscon- ception	Reason change

321	J19	Direct Refusal	Direct Refusal	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Religious Matter	Reason change
322	SD10	Locked House	Locked House	Locked House	Locked House	Locked House	Locked House	Locked House	Locked House	Locked House		Outside UC	Locked House	Reason change
323	SD2	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Outside UC	Locked House	Inside UC	Outside UC	Locked House	Outside UC	Reason change
324	G66						Locked House	Outside UC	Locked House	Outside UC		Outside UC	Outside UC	Reason change
325	G50									Outside UC	Inside UC	Outside UC	Outside UC	Reason change

Supplementary material: Cronbach's Score for the reliability of the questions_

RELIABILITY OF QUESTIONNAIRE

DATE OF TESTING:

PLACE OF TESTING: RHC Kemari

SAMPLE SIZE: 10 Respondents were selected randomly from the Outpatient department of the Rural Health Center.

DATA COLLECTOR: Staff trained on the questionnaire and principal investigator

DATA COLLECTION METHOD: Face-to-face interview

METHODS:

A total of 10 interviews were conducted to calculate Cronbach's Score for the reliability of the questions. The data was cleaned and put in excel for analysis. Two variances were calculated each for the individual question and the total variance of the questionnaire. Of all 25 questions, only questions no 4 and 6 were needing more elaboration by the data collector as requested by the respondent. However, remaining all questions were answered in a single go. The total time to complete each questionnaire was 5 to 7 minutes. Cronbach's coefficient was used to test the reliability of the questionnaire. We got Cronbach's Coefficient of 0.70 which shows the content of the questionnaire was acceptable. All questions were culturally acceptable to the community.

Formula:

$$\alpha = \frac{n}{n-1} \left(1 - \frac{\sum s^2(X_i)}{s^2(Y)} \right)$$



Taken from Website; <https://www.bachelorprint.com/statistics/cronbachs-alpha/>

Test-Retest Validity of Questionnaire	
#items/questions	25
Sum of item variance	4.19
The variance of total score	15.43
Cronbach's Alpha Coefficient	0.70

Conclusion:

The questionnaire assessed in this study proved to be a valid and reliable tool to measure the outcome of interest. Since it is easy to understand and can be completed by the participants in a short time.

Financial support and sponsorship

Nil

Conflicts of interest

There are no conflicts of interest

THANK YOU

Supplementary material: Master trainer's performance indicators

Performance Indicators – Lead Trainers

S. No.	KPIs (60% weightage)	Definition	S. No.	Attributes / Soft Skills (30% weightage)	Definition
1	Coordination	<ul style="list-style-type: none"> ▪ DPCR ▪ EOC 	1	Communication and Interpersonal Skills	Effective communication with the district (DPCR and Provincial EOC)
2	Training Planning	<ul style="list-style-type: none"> ▪ Ensures the training is supported by TNA ▪ Agenda development and necessary Modification ▪ Review of training material/ methodologies ▪ Logistic planning of sessions 	2	Leadership	<ul style="list-style-type: none"> ▪ Stakeholder management ▪ Confidence ▪ Motivates/assists his team ▪ Mental Maturity – knows how to behave in different situations ▪ Empowers the team ▪ Mentoring and coaching
3	Field Support	<ul style="list-style-type: none"> ▪ Venue mapping and validation ▪ Supportive supervision in the field 	3	Organized Approach	<ul style="list-style-type: none"> ▪ Is able to manage various tasks in an efficient and timely manner ▪ Resource management
4	Supervision	<ul style="list-style-type: none"> ▪ Attendance ▪ Field deployment planning ▪ Ensuring quality training implementation 	4	Professional Conduct	<ul style="list-style-type: none"> ▪ Maintains a composed demeanor ▪ Wears culture-appropriate clothes ▪ Talks respectfully ▪ Show ethnic and cultural sensitivity
5	Reporting	<ul style="list-style-type: none"> ▪ Weekly work plan ▪ Compiled feedback report after each phase of training ▪ Daily reports ▪ Monthly reports ▪ Quarterly Training reports 	5	Result Orientation	<ul style="list-style-type: none"> ▪ Is mindful of programmatic goals ▪ Achieves results on timely basis