Full list of raw variables; recoding rules; rules for cleaning simple cases of missing values

N	Variable	Handling NA (denominator 509)	Recoding notes	Distribution (denominator 509)
1	ConnectId			
2	Responseld			
3	StartDate			
4	EndDate			
5	Status			
6	Progress			
7	Duration.in.seconds			
8	Finished			
9	RecordedDate			
10	Consent_1_main			
11	Consent_2_clinic			
12	Consent_3_draw			
13	Consent_4_remain			
14	Demo_1_gender		0 = woman	60% women
15	Demo_2_year	>> No action, leave NA	Calculated age at study	left/younger leaning
16	Demo_3_employ		0 = working	65% retired
17	Demo_4_volunteer		As is	189 147 189
18	Demo_5_first_visit			
19	Demo_5_first_visit_3_TEXT			
20	Demo_6_marital		0 = doesn't live alone	27% live alone
21	Phys_1_rate	>> No action, leave NA	As is	right/high leaning
22	Phys_2_comorb_1	>> Just count 'yes' only	Count	left/low leaning
23	Phys_2_comorb_2	for multimorbidity score		
24	Phys_2_comorb_3			
25	Phys_2_comorb_4			
26	Phys_2_comorb_5			
27	Phys_2_comorb_6			
28	Phys_2_comorb_7			
29	Phys_2_comorb_8			
30	Phys_2_comorb_9			
31	Phys_2_comorb_10			
32	Phys_2_comorb_11			
33	Phys_2_comorb_12			
34	Phys_2_comorb_13			
35	Phys_2_comorb_14			
36	Phys_2_comorb_15			
37	Phys_2_comorb_16			
38	Phys_2_comorb_17			
39	Phys_2_comorb_18			
40	Phys_2_comorb_19			
41	Phys_2_comorb_20			
42	Phys_2_comorb_21			
43	Phys_2_comorb_22			

		1		I
44	7 1 - 1 1 1 - 1			
45	Phys_2_comorb_24			
46	Phys_2_comorb_25			
47	Phys_2_comorb_26			
48	Phys_2_comorb_27			
49	Phys_2_comorb_28			
50	Phys_2_comorb_29			
51	Phys_2_comorb_30			
52				
53	Subj_vision_1_loss	Don't know coded NA	0 = no loss	215 290 22
54	Subj_vision_2_began			
55	Subj_vision_3_aids			
56	,			
57	Subj_vision_4_list_10_TEXT			
58	Subj_vision_5_rate	>> No action, leave NA	As is	right/high leaning
59	Subj_vision_6_no_aid			
60	Subj_vision_7_lens			
61	Subj_vision_7_lens_4_TEXT			
62	,			
63	Subj_vision_8_check_1_TEXT			
64	Subj_hear_1_loss	None of the 36 missing use any hearing device	0 = no loss	64% yes
		>> No action, leave NA		
		>> 140 dollors, loave 1471		
65	<i>-</i>			2.07
66	Subj_hear_3_aids	>> No action, leave NA	As is	21% any devices
67	Subj_hear_4_list	>> No action, leave NA	As is	103 HA, 4 other
68	Subj_hear_4_list_11_TEXT	N 1 . 457		
69	Subj_hear_5_rate	Non-device: 157 missing Device users: 2 missing	As is	normal-ish, slight right
70	Subj_hear_6_no_aids	Non-device: 8 missing	As is	slight left leaning
70	Subj_lieal_o_lio_alus	Device users: 0 missing	A5 15	Silgrit left learning
71	Subj_hear_7_check			
72	Subj_hear_7_check_1_TEXT			
73	IOIHA_1_years			
74	IOIHA_1_years_2_TEXT			
75	IOIHA_2_time			
76	IOIHA_3_help			
77	IOIHA_4_difficulty			
78	IOIHA_5_worth			
79	IOIHA_6_affected			
80	IOIHA_7_bothered			
81	IOIHA_8_enjoyment			
82	Tinnitus_1_experienc	>> No action, leave NA	1 = yes for experienced	34% past week
83	Tinnitus_2_when	>> No action, leave NA	+ in past week, all other	. 1
			0	

84	Tinnitus_3_bother			
85				
86				
87		>> If there are other		
88		items within the		
89		subscale, impute mean of those items; if all 5		
90		items missing subscale is NA		
91		IS NA		
92				
93				
94				
95				
96				
97				
98				
99				
100				
101				
102		>> Impute case mean		
103				
103		>> For all cells missing, code NA		
105				
106	_			
107		>> Impute case mean		
108		-		
109		>> For all cells missing, code NA		
110				
	HHIES_1	>> Impute case mode		
112		within subscale (in		
113		cases with two modes, choose the lower		
114		value) ("religious service" item)		
115	_	Service itemy		
116				
117				
118				
119				
120				
121			1 = positive, 0 = no,	
122			15 NAs preserved	
123				
124		>> Impute case mean	17 full NA's, otherwise 0	
125			to 12	
126				
127				
128				
129				
129	OUTUE_U			

130 CSRQ 7 131 CSRQ 8 132 CSRQ 9 133 CSRQ 10 134 CSRQ 11 135 CSRQ 12 136 CSRQ 13 137 CSRQ 14 138 CSRQ 15 139 CSRQ 16 140 CSRQ 17 141 CSRQ 18 142 CSRQ 29 144 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 22 147 CSRQ 24 148 CSRQ 25 149 Mobility 2 aids 1 151 Mobility 2 aids 2 152 Mobility 2 aids 6 153 Mobility 2 aids 6 155 Mobility 2 aids 6 156 Mobility 2 aids 6 156 Mobility 2 aids 8 158 Mobility 2 aids 8 158 Mobility 2 aids 8 158 Mobility 2 aids 9 159 Mobility 2 aids 9 159 Mobility 2 aids 10 160 Mobility 2 aids 10 161 Mobility 2 aids 10 162 ABC 1 163 ABC 2 164 ABC 3 165 ABC 4 166 ABC 5 167 ABC 6 168 ABC 7 169 ABC 9 177 ABC 10 172 ABC 11 172 ABC 11 173 ABC 10 174 ABC 13			ī		1
132 CSRQ_9 133 CSRQ_10 134 CSRQ_11 135 CSRQ_12 136 CSRQ_13 137 CSRQ_14 138 CSRQ_15 139 CSRQ_16 140 CSRQ_17 141 CSRQ_18 142 CSRQ_19 143 CSRQ_20 144 CSRQ_21 145 CSRQ_22 146 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action 1 = yes_0 = no: 17 NA's preserved 150 Mobility_2_aids_1 151 Mobility_2_aids_3 153 Mobility_2_aids_5 155 Mobility_2_aids_5 155 Mobility_2_aids_8 158 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_9 160 Mobility_2_aids_9 161 ABC_1 170 ABC_9 171 ABC_9 172 ABC_1 173 ABC_12		CSRQ_7			
133 CSRQ 10 134 CSRQ 11 135 CSRQ 12 136 CSRQ 13 137 CSRQ 14 138 CSRQ 15 139 CSRQ 16 140 CSRQ 17 141 CSRQ 18 142 CSRQ 19 143 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ 24 148 CSRQ 25 149 Mobility 2, aids 2 150 Mobility 2, aids 4 151 Mobility 2, aids 6 153 Mobility 2, aids 6 155 Mobility 2, aids 6 156 Mobility 2, aids 8 158 Mobility 2, aids 9 159 Mobility 2, aids 10 150 Mobility 2, aids 9 150 Mobility 2, aids 10 151 Mobility 2, aids 10 152 Mobility 2, aids 10 153 Mobility 2, aids 10 154 Mobility 2, aids 10 155 Mobility 2, aids 10 156 Mobility 2, aids 10 157 Mobility 2, aids 10 158 Mobility 2, aids 10 159 Mobility 2, aids 10 150 Mobility 2, aids 11 151 Mobility 2, aids 10 152 ABC 1 153 ABC 2 154 ABC 3 155 ABC 4 156 ABC 5 157 ABC 6 158 ABC 7 159 ABC 8 170 ABC 9 177 ABC 11 173 ABC 12					
134 CSRQ_11 135 CSRQ_12 136 CSRQ_13 137 CSRQ_14 138 CSRQ_15 139 CSRQ_16 140 CSRQ_18 141 CSRQ_18 142 CSRQ_19 143 CSRQ_20 144 CSRQ_21 145 CSRQ_22 146 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_2_aids_1 151 Mobility_2_aids_3 153 Mobility_2_aids_4 154 Mobility_2_aids_6 155 Mobility_2_aids_6 156 Mobility_2_aids_7 157 Mobility_2_aids_9 159 Mobility_2_aids_10 150 Mobility_2_aids_9 159 Mobility_2_aids_10 150 Mobility_2_aids_10 151 Mobility_2_aids_9 152 Mobility_2_aids_6 153 Mobility_2_aids_7 157 Mobility_2_aids_9 159 Mobility_2_aids_10 150 Mobility_2_aids_10 150 Mobility_2_aids_10 151 Mobility_2_aids_10 152 Mobility_2_aids_10 153 Mobility_2_aids_10 154 Mobility_2_aids_10 155 Mobility_2_aids_10 156 Mobility_2_aids_10 157 Mobility_2_aids_10 158 Mobility_2_aids_10 159 Mobility_2_aids_10 150 Mobility_2_aids_10 150 Mobility_2_aids_10 151 Mobility_2_aids_10 152 ABC_1 153 Mobility_2_aids_10 154 ABC_3 155 ABC_4 156 ABC_5 157 ABC_6 158 ABC_7 159 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_11			-		
135 CSRQ 12 136 CSRQ 13 137 CSRQ 14 138 CSRQ 15 139 CSRQ 16 140 CSRQ 17 141 CSRQ 19 143 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ 24 148 CSRQ 25 149 Mobility 2, aids 1 151 Mobility 2, aids 2 162 Mobility 2, aids 4 163 Mobility 2, aids 6 164 Mobility 2, aids 6 165 Mobility 2, aids 6 166 Mobility 2, aids 1 167 Mobility 2, aids 6 168 Mobility 2, aids 1 169 Mobility 2, aids 1 160 Mobility 2, aids 6 161 Mobility 2, aids 1 162 Mobility 2, aids 6 163 Mobility 2, aids 1 164 Mobility 2, aids 6 165 Mobility 2, aids 1 167 Mobility 2, aids 1 168 Mobility 2, aids 1 169 Mobility 2, aids 1 160 Mobility 2, aids 1 161 Mobility 2, aids 1 162 Mobility 3, aids 1 163 Mobility 4, aids 1 164 Mobility 4, aids 1 165 Mobility 3, aids 1 166 Mobility 4, aids 1 167 Mobility 4, aids 1 168 Mobility 4, aids 1 169 Mobility 4, aids 1 160 Mobility 4, aids 1 160 Mobility 4, aids 1 161 Mobility 5, aids 1 162 Mobility 6, aids 1 163 Mobility 6, aids 1 164 Mobility 6, aids 1 165 Mobility 7, aids 1 176 Mobility 6, aids 1 177 Mobility 7, aids 1 178 Mobility 7, aids 1 179 Mobility 8, aids 1 170 Mobility 8, aids 1 170 Mobility 8, aids 1 170 Mobility 9, aids 1 170 Mobility 9, aids 1 171 Mobility 9, aids 1 172 Mobility 1 173 Mobility 8, aids 1 174 Mobility 9, aids 1 175 Mobility 9, aids 1 175 Mobility 9, aids 1 176 Mobility 9, aids 1 177 Mobility 9, aids 1 177 Mobility 9, aids 1 178 Mobility 9, aids 1 179 Mobility 9, aids 1 170 Mobility					
136 CSRQ_13 137 CSRQ_14 138 CSRQ_15 139 CSRQ_16 140 CSRQ_17 141 CSRQ_18 142 CSRQ_29 143 CSRQ_22 144 CSRQ_21 145 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action 1 = yes, 0 = no; 17 NA's preserved 150 Mobility_2 aids_1 151 Mobility_2 aids_2 152 Mobility_2 aids_3 153 Mobility_2 aids_6 154 Mobility_2 aids_6 155 Mobility_2 aids_6 156 Mobility_2 aids_6 157 Mobility_2 aids_8 158 Mobility_2 aids_8 159 Mobility_2 aids_8 159 Mobility_2 aids_10 150 Mobility_2 aids_10 150 Mobility_2 aids_10 151 Mobility_2 aids_10 152 Mobility_2 aids_10 153 Mobility_2 aids_10 154 Mobility_2 aids_10 155 Mobility_2 aids_10 156 Mobility_2 aids_10 157 Mobility_2 aids_10 158 Mobility_2 aids_11 159 Mobility_2 aids_11 150 Mobility_2 aids_12 150 Mobility_2 aids_11 151 Mobility_2 aids_11 152 ABC_1 >> Recode missing to 0's (single participant) 153 ABC_2 154 ABC_3 155 ABC_6 156 ABC_5 157 ABC_6 158 ABC_7 159 ABC_8 170 ABC_10 171 ABC_10 172 ABC_11 173 ABC_112					
137 CSRQ_14 138 CSRQ_15 139 CSRQ_16 140 CSRQ_17 141 CSRQ_19 143 CSRQ_20 144 CSRQ_21 145 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action					
138 CSRQ_15 139 CSRQ_16 140 CSRQ_17 141 CSRQ_18 142 CSRQ_20 144 CSRQ_21 145 CSRQ_22 146 CSRQ_22 146 CSRQ_23 147 CSRQ_25 149 Mobility_1 >> No action					
139 CSRQ_16 140 CSRQ_17 141 CSRQ_18 142 CSRQ_19 143 CSRQ_20 144 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action					
140 CSRQ 17 141 CSRQ 18 142 CSRQ 19 143 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ 24 148 CSRQ 25 149 Mobility 2 aids 1 150 Mobility 2 aids 2 151 Mobility 2 aids 4 153 Mobility 2 aids 6 155 Mobility 2 aids 6 156 Mobility 2 aids 6 157 Mobility 2 aids 9 158 Mobility 2 aids 9 159 Mobility 2 aids 9 159 Mobility 2 aids 10 160 Mobility 2 aids 11 161 Mobility 2 aids 10 160 Mobility 2 aids 11 161 Mobility 2 aids 10 160 Mobility 2 aids 10 161 Mobility 2 aids 10 162 ABC 2 164 ABC 3 165 ABC 4 166 ABC 5 167 ABC 6 168 ABC 7 169 ABC 8 170 ABC 9 171 ABC 10 172 ABC 11 173 ABC 12					
141 CSRO_18 142 CSRO_19 143 CSRO_20 144 CSRO_21 145 CSRO_22 146 CSRO_23 147 CSRO_24 148 CSRO_25 149 Mobility_1 aids_1 150 Mobility_2_aids_1 151 Mobility_2_aids_2 152 Mobility_2_aids_3 153 Mobility_2_aids_5 154 Mobility_2_aids_6 155 Mobility_2_aids_6 156 Mobility_2_aids_7 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_10 161 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12					
142 CSRQ 19 143 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ 24 148 CSRQ 25 149 Mobility 1 >> No action 1 = yes, 0 = no; 17 NA's preserved 150 Mobility 2 aids 1 151 Mobility 2 aids 2 152 Mobility 2 aids 3 153 Mobility 2 aids 5 154 Mobility 2 aids 6 155 Mobility 2 aids 6 156 Mobility 2 aids 8 158 Mobility 2 aids 8 159 Mobility 2 aids 8 150 Mobility 2 aids 9 159 Mobility 2 aids 10 160 Mobility 2 aids 11 161 Mobility 2 aids 12 162 ABC 1 163 ABC 2 164 ABC 3 165 ABC 4 166 ABC 5 167 ABC 6 168 ABC 7 169 ABC 8 170 ABC 9 171 ABC 10 172 ABC 11 173 ABC 12					
143 CSRQ 20 144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ 25 149 Mobility_1					
144 CSRQ 21 145 CSRQ 22 146 CSRQ 23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action					
145 CSRQ_22 146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action					
146 CSRQ_23 147 CSRQ_24 148 CSRQ_25 149 Mobility_1 >> No action 1 = yes, 0 = no; 17 NA's preserved 150 Mobility_2_aids_1 151 Mobility_2_aids_2 = 152 Mobility_2_aids_3 153 Mobility_2_aids_5 155 Mobility_2_aids_6 156 Mobility_2_aids_6 156 Mobility_2_aids_8 158 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12					
147 CSRQ_24 148 CSRQ_25 149 Mobility_1					
148 CSRQ 25 149 Mobility 1 >> No action 1 = yes, 0 = no; 17 NA's preserved 150 Mobility 2_aids_1					
149 Mobility 1			-		
150 Mobility_2_aids_1 151 Mobility_2_aids_2 152 Mobility_2_aids_3 153 Mobility_2_aids_4 154 Mobility_2_aids_5 155 Mobility_2_aids_6 156 Mobility_2_aids_6 156 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12			Na astina	1 0	
151 Mobility_2_aids_2 152 Mobility_2_aids_3 153 Mobility_2_aids_4 154 Mobility_2_aids_5 155 Mobility_2_aids_6 156 Mobility_2_aids_6 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	149	MODILITY_1	>> NO action		
152 Mobility 2 aids 3 153 Mobility 2 aids 4 154 Mobility 2 aids 5 155 Mobility 2 aids 6 156 Mobility 2 aids 8 157 Mobility 2 aids 8 158 Mobility 2 aids 9 159 Mobility 2 aids 10 160 Mobility 2 aids 11 161 Mobility 2 aids 12 162 ABC 1 163 ABC 2 164 ABC 3 165 ABC 4 166 ABC 5 167 ABC 6 168 ABC 7 169 ABC 8 170 ABC 9 171 ABC 10 172 ABC 11 173 ABC 12	150	Mobility_2_aids_1			
153 Mobility_2_aids_4 154 Mobility_2_aids_5 155 Mobility_2_aids_6 156 Mobility_2_aids_7 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	151	Mobility_2_aids_2			
154 Mobility_2_aids_5 155 Mobility_2_aids_6 156 Mobility_2_aids_7 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	152	Mobility_2_aids_3			
155 Mobility_2_aids_6 156 Mobility_2_aids_7 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	153	Mobility_2_aids_4			
156 Mobility_2_aids_7 157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	154	Mobility_2_aids_5			
157 Mobility_2_aids_8 158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 17 full NA's 17 full NA's 18 ABC_2 18 ABC_3 18 ABC_4 18 ABC_5 18 ABC_6 18 ABC_7 18 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	155	Mobility_2_aids_6			
158 Mobility_2_aids_9 159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1	156	Mobility_2_aids_7			
159 Mobility_2_aids_10 160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1	157	Mobility_2_aids_8			
160 Mobility_2_aids_11 161 Mobility_2_aids_12 162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	158	Mobility_2_aids_9			
161 Mobility_2_aids_12 162 ABC_1	159	Mobility_2_aids_10			
162 ABC_1 >> Recode missing to 0's (single participant) 163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	160	Mobility_2_aids_11			
163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	161	Mobility_2_aids_12			
163 ABC_2 164 ABC_3 165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	162	ABC_1		17 full NA's	
165 ABC_4 166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	163	ABC_2	o s (single participant)		
166 ABC_5 167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	164	ABC_3	-		
167 ABC_6 168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12			•		
168 ABC_7 169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	166	ABC_5			
169 ABC_8 170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12	167	ABC_6			
170 ABC_9 171 ABC_10 172 ABC_11 173 ABC_12		ABC_7			
171 ABC_10 172 ABC_11 173 ABC_12	169				
172 ABC_11 173 ABC_12	170				
173 ABC_12	171				
	172	ABC_11			
174 ABC_13					
	174	ABC_13			

		1		l I
175	ABC_14	•		
176	ABC_15	-		
177	ABC_16			
178	SWLS_1		17 full NA's	
179	SWLS_2			
180	SWLS_3			
181	SWLS_4			
182	SWLS_5			
183	WHO_1_rate_qol_1			
184	WHO_2_health_satisf_1			
185	WHO_3_pai_med_enj_me_1	>> WHO protocol	18 full NA's; Domain 3	
186	WHO_3_pai_med_enj_me_2	specifies how to handle missing data	has 19 NA's	
187	WHO_3_pai_med_enj_me_3	_		
188	WHO_3_pai_med_enj_me_4	>> List money item as a separate variable as		
189	WHO_4_conc_safe_env_1	well		
190	WHO_4_conc_safe_env_2			
191	WHO_4_conc_safe_env_3			
192	WHO_5_en_bd_mn_in_ls_1			
193	WHO_5_en_bd_mn_in_ls_2			
194				right/high leaning
195	WHO_5_en_bd_mn_in_ls_4			0 0
196	WHO_5_en_bd_mn_in_ls_5			
197				
198	WHO_7_sleep_etc_1			
199	-			
200	WHO_7_sleep_etc_3			
201				
202	WHO_7_sleep_etc_5			
203	WHO_7_sleep_etc_6			
204	-			
205				
	WHO_7_sleep_etc_9			
207		-		
208				
209	0_ 0_	>> For single missing,	19 full NA's	
210	_	consistent values,		
211	_	impute mean		
212		>> For all cells missing, code NA		
213	_	>> No action, leave NA	19 NA's; 0 = not lonely	22% lonely
214		>> No need to impute	Code all rows as either 1	
215	Social_SNI_1_2	for scoring method	or 0 for each of 8 SNI	
216		>> For all cells missing,	components, then recode 19 rows with	
217	Social_SNI_1_4	code NA	NA's for 5 original SNI items	
218				
219	Social_participate_1	>> No need to impute	Seek best frequency;	
219	Social_participate_1	for scoring methods	number weekly types;	
220	ooolai_pai dolpate_2	I	19 NA's	

		>> For all cells missing,		
221	Social_participate_3	code NA		
222	Social_participate_4			
223	Social_participate_5			
224	Social_participate_6			
225	Social_participate_7			
226	Social_participate_8			
227	Relation_satisf_1_1			
228	Relation_satisf_1_2			
229	Relation_satisf_1_3			
230	Relation_satisf_2_1			
231	Relation_satisf_3_1			
232	Relation_satisf_4_1			
233	Relation_satisf_5_1			
234	Social_MOS_1	>> For 1 to 7 cells	23 full NA's	
235	Social_MOS_2	missing, impute 'None of the time' (1)		
236	Social_MOS_3	>> For all cells missing,		
237	Social_MOS_4	code NA		
238	Social_MOS_5			
239	Social_MOS_6			
240	Social_MOS_7			
241	Social_MOS_8			
242	Social_MOS_9			
243	Social_MOS_10			
244	Social_MOS_11			
245	Social_MOS_12			
246	Social_MOS_13			
247	Social_MOS_14			
248	Social_MOS_15			
249	Social_MOS_16			
250	Social_MOS_17			
251	Social_MOS_18			
252	Social_MOS_19			
253	Soc_MOS_pet			
254	Views_connections_1	>> Excluded	27 full NA's	
255	Views_connections_2	'microcebia' item		
256	Views_connections_3	>> Credited only if		
257	Views_connections_4	responded and correct		
258	Views_connections_5	>> For all cells missing, code NA		
259	Views_connections_6	3340101		
260	Views_connections_7			
261	Views_connections_8			
262	Views_connections_9			
263		>> For 1 to 5 cells	23 full NA's	
264	Views_motivate_2	missing, impute case		
265	Views_motivate_3	mean		
266		>> For all cells missing, code NA		
200	views_induvate_4	COUE IVA		

267 Views motivate 5					
269 Views_motivate_7 270 Views_motivate_8 271 Views_motivate_9 272 Views_motivate_9 273 Debrief 274 ID.clinic 275 Date.Most.Recent.Hearing_Eval 276 Date.Nost.Recent.Visit.Clinic 277 Date.Most.Recent.Visit.Clinic 278 New.Repeat.Customer 279 HA.Purchase 280 Date.HA.Purchase 281 Number.HA.Purchase 282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 RE1000c 294 RE1000c 296 RE200c 297 LE4000c 298 RE4000c 299 LE8000c 290 LE8000c 299 LE8000c 290 LE8000c	267	Views_motivate_5			
270 Views_motivate_8	268	Views_motivate_6			
271 Views_motivate_9	269	Views_motivate_7			
272 Views_motivate_10	270	Views_motivate_8			
273 Debrief	271	Views_motivate_9			
274 ID.clinic	272	Views_motivate_10			
275 Date.Most.Recent.Hearing.Eval 276 Date.1st.Visit.Clinic 277 Date.Most.Recent.Visit.Clinic 278 New.Repeat.Customer 279 HA.Purchase 280 Date.HA.Purchase 281 Number.HA.Purchase 282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 Le250c 290 RE250c 291 Le500c 292 RE500c 293 Le1000c 294 RE1000c 295 Le2000c 296 RE2000c 297 Le4000c 298 RE4000c 299 LE8000c	273	Debrief			
276 Date.1st.Visit.Clinic	274	ID.clinic			
277 Date.Most.Recent.Visit.Clinic 278 New.Repeat.Customer 279 HA.Purchase 280 Date.HA.Purchase 281 Number.HA.Purchase 282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	275	Date.Most.Recent.Hearing.Eval			
278 New.Repeat.Customer	276	Date.1st.Visit.Clinic			
279 HA.Purchase >> No action, leave NA 381 63	277	Date.Most.Recent.Visit.Clinic			
280 Date.HA.Purchase 281 Number.HA.Purchase 282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 291 LE500c 292 RE500c 293 LE1000c 293 LE1000c 294 RE1000c 295 LE200c 296 RE200c 297 LE4000c 298 RE4000c 299 RE4000c 299 LE8000c	278	New.Repeat.Customer			
281 Number.HA.Purchase 282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE200c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 RE4000c 299 RE4000c 299 LE8000c	279	HA.Purchase	>> No action, leave NA	83 NA	381 63
282 HA.Purchase.Ear 283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 294 RE1000c 295 LE200c 296 RE200c 297 LE4000c 298 RE4000c 298 RE4000c 299 RE4000c 299 RE4000c 299 LE8000c	280	Date.HA.Purchase			
283 Date.Fitting.Appt 284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	281	Number.HA.Purchase			
284 HA.Return 285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	282	HA.Purchase.Ear			
285 Date.HA.Return 286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	283	Date.Fitting.Appt			
286 Purchase.Accessories.ALD 287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	284	HA.Return			
287 HA.Left.Type 288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	285	Date.HA.Return			
288 HA.Right.Type 289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	286	Purchase.Accessories.ALD			
289 LE250c 290 RE250c 291 LE500c 292 RE500c 293 LE1000c 294 RE1000c 295 LE2000c 296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	287	HA.Left.Type			
290 RE250c 291 LE500c >> Make sure RE missing case has LE coded as BPTA 292 RE500c coded as BPTA 293 LE1000c >> single ear means no asymmetry measure 294 RE1000c >> All other cases have BPTA4 coded NA 296 RE2000c BPTA4 coded NA 297 LE4000c BPTA4 coded NA	288	HA.Right.Type			
291 LE500c >> Make sure RE missing case has LE coded as BPTA 293 LE1000c >> single ear means no asymmetry measure 294 RE1000c >> All other cases have BPTA4 coded NA 296 RE2000c BPTA4 coded NA 297 LE4000c 298 RE4000c 299 LE8000c	289	LE250c			
292 RE500c missing case has LE coded as BPTA 293 LE1000c >> single ear means no asymmetry measure 294 RE1000c >> All other cases have BPTA4 coded NA 296 RE2000c BPTA4 coded NA 297 LE4000c Coded NA 298 RE4000c Coded NA	290	RE250c			
292 RE500c coded as BPTA 293 LE1000c >> single ear means no asymmetry measure 294 RE1000c >> All other cases have 296 RE2000c BPTA4 coded NA 297 LE4000c BPTA4 coded NA 298 RE4000c LE8000c	291	LE500c			
>> single ear means no asymmetry measure 295 LE2000c	292	RE500c	_		
294 RE1000c asymmetry measure 295 LE2000c >> All other cases have 296 RE2000c BPTA4 coded NA 297 LE4000c 298 RE4000c 299 LE8000c	293	LE1000c	>> single ear means no		
296 RE2000c 297 LE4000c 298 RE4000c 299 LE8000c	294	RE1000c			
297 LE4000c 298 RE4000c 299 LE8000c	295	LE2000c			
298 RE4000c 299 LE8000c	296	RE2000c	BPTA4 coded NA		
299 LE8000c	297	LE4000c			
	298	RE4000c			
300 RE8000c	299	LE8000c			
11200000	300	RE8000c			