

Table I S2- family history, kin and environmental exposure of families with BD

N/sex/age	BD	house/vicinità bombed	WP or Burned	rescue/rubble clearing	Acute symptoms	Sibling number	Sibling progeny N	sibling progeny BD diseases	residence 2003/10
116/M/25	CHD	Y-2004/N	Y	Y	Y	6 (1, a)		0	Fallujah-Ebail ¹
118/M/27	NT	Y-2004/N	Y	Y	Y	5	10	0	Fallujah-Ebail
118/F/19		Y-2004/N	Y	Y	Y	5	8	0	Shodaa/2006 Ebail
148/M/25	O	Y-2004/N	N	Y	Y	10	0	1, b	east Falluhja
148/F/19		Y-2004/N	N	Y	Y	15	0	0	east Falluhja
153/M/20	CHD	N/N	N	N	N	5	0	0	Fallujah_Ehsai
153/F/19		Y-2004/N	N	Y	N	3	0	0	Fallujah_Ehsai
120/M/30	NT	Y-2004/N	Y	N	Y	12	9	0	Fallujah-Ejbail ¹
120/F/24		Y-2004/N	Y	Y	N	8	12	0	Fallujah-Ejbail ¹
121/M/33	NT	N	N	N	N	5	5	0	Saglaweya _Bushijil
121/F/26		N	N	N	N	13	20	0	Saglaweya _Bushijil
123/M/463	NT-NT-NT	N/Y2004	N	N	N			0	Fallujah- Daffar ²
123/F/40		N/Y2004	N	N				0	Fallujah- Daffar ²
123/F/26		N/Y2004	N	N	N	4		0	Fallujah- Daffar ²
124/M/44	CHD	N/N	N	N	Y	11	35	0	Aameryia Ehsai/2006 Fallujah -Ejbail
124/F/36		N/N	N	N	N	5	15	0	Fallujah Shuhadaa/2006 Fallujah- Ejbail
125/M/24	CLP	N/N	N	Y 2007&2008	Y	8	1	0	Fallujah-Garmah
125/F/26		N/N	N	Y2008	N	7	22	0	Abughraib-Khernabat /2006 Garmah
146/M/30	CHD	N/Y2004	N	Y	Y	9			Fallujha south
146/F/25		N/Y2004	N	Y	Y				Fallujha south

145/M/32	CHD- CHD	Y2004/N	N	Y						Fallujha, north
145/F/30		Y2004/N	N	Y						Fallujha, north
156/M/33	NT	Y2004/N	N	Y	N	7	11	0		Fallujah, Nazzal
156/F/33		Y2004/N	N	Y	N	8	4			Fallujah, Alaskarey
139/M/39	CHD	N/N	N	Y	N		20	0		Fallujha city ²
136/M/38	CHD	Y2004/N	N	Y	N	7	20	4, all CDH		Al-Fallujha, North
136/F/39										
112/M/	NT									
112/F/38		N/N	N	N	N	10	11	0		Yousifya,Alshuhadaa/ 2005/Fallujah,Sabalbour / 2006 Saglaweya
113/M/	CLP									
113/F/21		Y2004/N	N	Y	N	7	8	0		Fallujah- Alresalah
115/M/29	CHD									
115/F/23		Y2004/N		Y	N	7	8	0		Fallujah, Althubbadh
127/M/27	CHD	N/N	Y	N	N	4	2	0		Fallujah-Gharmah
127/F/24		Y/Y 2004	N	N	N	10	2	0		Fallujah-Jughayfi
128/M/41	O	N/N	N	N	N		5	0		Fallujah -Althubbadh
128/F/32		N/Y 2004	N	N	N	4	5	0		Fallujah -Althubbadh
102/M/51	CHD	Y/Y 2004	N	Y	Y, wounded	9	24	0		Fallujah-Jubail
129/M/30	NT	N/N	N	N	N	10	4	0		Fallujah-Azrageya
129/F/26		N/N	N	N	N	17	6	5		Fallujah-Azrageya
130/M/23	NT	Y/Y 2004	N	Y	Y	11	20	0		Fallujah-Joolan
130/F/20		Y 2004/N	N	Y	Y	10	25	0		Fallujah-Shuhadaa /2006 Joolan

135/M/47	CHD	N/Y2004	N	Y	Y ⁵	9 ⁶	20	0	Fallujha-Ammeria
151/M/32	SK	N/N	N	Y	N	7	5		Fallujah-Alwahda
151/F/25		N/N	N	N	N	8	20	0	Baghdad/ 2007
152/M/28	NT	N/N	N	N	N	5	8	0	Fallujah-Gharmah
152/F/20		N/N	N	N	N	7	7	0	Fallujah-Gharmah
154/M/24	CHD	N/N	N	N	N	2	1	0	Fallujah-Aameryia /2006 Nazzal
154/F/22		Y/Y 2004	N	N	N	8	20	0	Fallujah-Nazzal
155/M/28	CLP	N/Y2004	N	Y	N	6	1	0	Fallujah- Bazzarah /2009 Alandulus
155/F/20		N/N	N	N	N	7	4	0	Fallujah-Alandulus
157/M/22	O	N/N	N	N	N	10	18	0	Fallujah-Alnassaf
157/F/16		N/N	N	N	N	6	1	0	Fallujah-Alnassaf
107/M/44		N/N	N	N	N	3	10	0	Baghdad/2006 ³
107/F/44	O	N/N	N	N	N				Fallujah-Alshuhadaa
107/F/27	CHD	N/N	N	N	N	5	0	0	
107/F/21	SK								
119/M/45	CHD	N/Y2004	N	N	Y	7	23	0	Fallujah-Jumhooreya ¹
119/F/38		N/Y2004	N	N	Y	4	40	0	Fallujah-Jumhooreya ¹
131/M/43	SK-O	Y 2004/N	N	Y	N	3	26	0	Fallujha-Nizzal
134/M/35	CHD	Y 2004/N	N	Y	Y	10	50	0	West-Fallujha
134/F/		Y 2004/N	N	Y	Y				West-Fallujha
137/M/23	SK	Y/Y 2004	Y	Y	N	11	25	0	Fallujha in 5 Km
137/F/20									Fallujha in 5 Km
138/M/46	CHD	Y/Y 2004	N	Y	Y	4		1, ADS	North Fallujha 6 Km ²

138/F/44		Y/Y 2004	N	Y		7				
142/M/24	O	Y 2004/N	N	Y	N		5	0		West-Falluhja
142/F/22		Y 2004/N	N	Y	N					
122/M/35	NT	N 2004/Y	N	N	N	6	18	0		Fallujah -Almuallimeen
122/F/26		N 2004/Y	N	N	N	7	5	0		Fallujah -Almuallimeen
149/M/40	CHD	Y/Y 2004	N	Y	Y				10 all together	West Fallujha-Erfurt
149/F/32		Y/Y 2004	N	Y	Y					West Fallujha-Erfurt
150/M/42	CHD	Y/Y 2004	N	Y	Y			0		East of Fallujha
150/F/43		Y/Y 2004	N	Y	Y			0		East of Fallujha
147/M/21	O	Y/Y 2003	N	Y	Y					South Fallujha
147/F/19		Y/Y 2003	N	Y	Y					South Fallujha
117/F/19 ^{8,9}	O	Y/Y 2004	Y	Y	N	5	6	0		Fallujah-Ejbail-/2006
109/M	CHD									
109/F/40		N/N	N	N	N	4	8	0		Fallujah- Joolan
110/M/35	CHD	Y/Y 2004	Y	Y	Y	8	8	0		Fallujah-Nazzal
103/M/35	NT	Y/Y 2004	N	Y	Y	5	10	0		Fallujah-Nazzal
103/F/28		Y/Y 2004	N	N	N	3	8	0		Fallujah-Nazzal
101/F/23	O-NT	Y/Y 2004	Y	Y	Y	7	2	0		Fallujah-Albaghdadi /2007 Althubbadh
140/F/29	SK	Y 2005/N	N	Y	Y	9		0		West-Fallujah ²
133/M/29	CHD	N/Y 2004	N	N	N	4		0		West-Fallujah"

1/M/36	CHD	Y/Y 2004	N	Y	Y	3 ^c	10		Fallujah-Aljumhooreya/
1/F/35		Y/Y 2004	N	N	N	5	60	1 ^d	2009 Garmah ²
132/M/28	CLP-SK	Y/Y 2004	N	Y	N	6	25	0	Fallujha Nizza ¹
141/F/22	O	Y 2004/N	N	Y	Y		5	0	West-Fallujah ²
143/M/28	CHD	Y 2004/N	N	Y	Y		5	0	West-Fallujah ¹
143/F/30		Y 2004/N	N	Y	Y				West-Fallujah ¹
144/M/34	CHD	Y 2004/N	N	Y	Y				West-Fallujah
144/F/28		Y 2004/N	N	Y	Y		9	0	West-Fallujah
105/M/33 ¹⁰	NT-NT	Y 2004/Y	Y	N	Y	12	30	0	Fallujah-Althubbadh ²
114/M/39	NT	N/N	Y	Y	Y	9	15	2 infant dead	Fallujah-Nazzal
114/F		N/N	Y	Y	Y				Fallujah-Nazzal

Legend to supplementary Table I S 2

No blood relationships is reported between the parents. The diet during pregnancy was reported to be good from all the mothers, and none of them took medications, other than occasional pain killer. All families, with the exceptions stated, drink since 2003 water from the aqueduct or bottled water, made in Iraq. No chronic or serious acute illness or tumors were reported by any of the parents. 1-Families living in a new house rebuilt on the rubble of the one that was bombed: 116, 119, 120, 142, 132, in different areas of town; 2- Birth defects in the neighbours; 3- Bigamous; 4-This person reported burns and injury in the face, chest and legs by the explosion of a shell; 5- Stomach tumour; 6- One brother has stomach carcinoma; 7-This is the second generation of 107 father with his older wife, 8-The family drunk water from the river till 2008; 9- The parents are second cousins; 10- The person was wounded in the head and hands; a) Deaf and dumb; b) Neck tumour; c) Undefined health problems; d) Cerebral palsy. CHD- congenital hearth disease; NT- Neural tube disease; SK- Skeletal disease; CLP- Cleft lip palate; O-Other diseases