

Supplementary table 2

Cross #	Male x Female (n)	son	daughter	Family size (\pm SE)	% Males (\pm SE)
1	(w A) _{UT4} [UT4] x (w A) _{UT4} [UT4] (17)	14.65	57.59	72.24 (6.65)	20.11 (2.03)
2	(w Aw B1) _{UT1} [UT1] x (w Aw B1) _{UT1} [UT1] (26)	10.27	76.15	86.42 (1.26)	11.95 (1.26)
3	(w Aw B2) _{UT2} [UT2] x (w Aw B2) _{UT2} [UT2] (34)	12.15	75.29	87.44 (4.13)	13.79 (2.23)
4	(w Aw B1w B2) _{UT3} [UT3] x (w Aw B1w B2) _{UT3} [UT3] (8)	7.75	72	79.75 (3.53)	9.77 (0.82)
5	(w Aw B1) _{UT1} [UT1] x (w A) _{UT4} [UT4] (21)	12.45	42.38	54.83 (4.65)	22.92 (5.93)
6	(w Aw B2) _{UT2} [UT2] x (w A) _{UT4} [UT4] (28)	9.36	31.11	40.47 (4.39)	24.47 (7.21)
7	(w Aw B1w B2) _{UT3} [UT3] x (w A) _{UT4} [UT4] (28)	11.68	23.14	34.82 (3.19)	33.58 (5.97)
8	(w A) _{UT4} [UT4] x (w Aw B1) _{UT1} [UT1] (30)	12.77	71.13	83.9 (3.23)	14.87 (2.22)
9	(w A) _{UT4} [UT4] x (w Aw B2) _{UT2} [UT2] (16)	8.19	72.38	80.57 (5.03)	10.18 (1.14)
10	(w A) _{UT4} [UT4] x (w Aw B1w B2) _{UT3} [UT3] (9)	9.56	70.33	79.89 (2.86)	11.92 (1.71)
11	0[UT1] x 0[UT1] (23)	13.39	67	80.39 (3.39)	16.87 (0.84)
12	0[UT2] x 0[UT2] (23)	12.35	72.96	85.31 (3.09)	14.75 (1.15)
13	0[UT3] x 0[UT3] (25)	12.68	69.48	82.16 (3.09)	15.60 (0.95)
14	0[UT4] x 0[UT4] (22)	13.14	59.18	72.32 (2.73)	18.13 (0.85)
15	0[UT1] x 0[UT4] (21)	13.33	58.57	71.9 (4.04)	18.83 (2.03)
16	0[UT2] x 0[UT4] (19)	15.16	57.74	72.9 (3.77)	20.91 (1.67)
17	0[UT3] x 0[UT4] (17)	14	64.06	78.06 (4.40)	17.80 (1.39)
18	0[UT4] x 0[UT1] (25)	15.92	60.2	76.12 (3.22)	21.09 (1.25)
19	0[UT4] x 0[UT2] (22)	14.36	69.18	83.54 (2.71)	17.28 (1.13)
20	(w A) _{UT4} [UT4] x 0[UT4] (17)	19.12	20.82	39.94 (3.68)	49.60 (4.43)
21	(w A) _{UT4} [UT4] x 0[CA] (27)	13.74	22.78	36.52 (3.04)	42.51 (3.54)
22	(w Aw B1w B2) _{UT3} [UT3] x (w Aw B1) _{UT1} [UT1] (26)	9.26	42.9	52.16 (5.28)	17.58 (2.71)
23	(w Aw B1w B2) _{UT3} [UT3] x (w Aw B2) _{UT2} [UT2] (27)	8.07	59.07	67.14 (8.55)	12.48 (1.26)
24	0[UT3] x 0[UT1] (20)	14.2	69.25	83.45 (4.17)	17.22 (0.39)
25	0[UT3] x 0[UT2] (22)	12.68	69.86	82.54 (5.49)	15.58 (1.32)
26	0[UT1] x 0[UT3] (24)	14.25	69.38	83.63 (3.41)	17.22 (0.96)
27	0[UT2] x 0[UT3] (21)	14.05	71.76	85.81 (3.25)	16.44 (0.76)
28	0[UT4] x 0[UT3] (19)	16.74	59.79	76.53 (3.73)	21.97 (1.16)
29	(w Aw B2) _{UT2} [UT2] x (w Aw B1) _{UT1} [UT1] (26)	11.66	29.52	41.18 (6.35)	25.95 (2.9)
30	(w Aw B1) _{UT1} [UT1] x (w Aw B2) _{UT2} [UT2] (27)	15.67	39.67	55.34 (8.57)	32.17(8.57)
31	0[UT2] x 0[UT1] (25)	14.16	68.44	82.6 (5.66)	17.46 (1.24)
32	0[UT1] x 0[UT2] (19)	13	73.84	86.84 (4.21)	15.32 (1.82)
33	0[CA] x 0[CA] (32)	11.09	85.47	96.56 (4.94)	11.50 (2.36)
34	(w Aw B1) _{UT1} [CA] x 0[CA] (22)	17.86	41.82	59.68 (4.97)	30.46 (2.54)
35	(w Aw B2) _{UT2} [CA] x 0[CA] (20)	18.35	33	51.35 (4.28)	36.54 (3.05)
36	(w Aw B2) _{UT2} [CA] x (w Aw B2) _{UT2} [CA] (11)	9.45	88	97.45 (5.39)	9.62 (0.70)
37	(w Aw B1) _{UT1} [CA] x (w Aw B2) _{UT2} [CA] (22)	14.95	77.23	92.18 (7.75)	15.98 (6.31)
38	(w Aw B1) _{UT1} [CA] x (w Aw B1) _{UT1} [CA] (21)	11	99.19	110.19 (3.84)	9.87 (1.26)
39	(w Aw B2) _{UT2} [CA] x (w Aw B1) _{UT1} [CA] (21)	11.86	55	66.86 (5.30)	17.51 (2.41)
40	(w Aw B2) _{UT2} [UT1] x (w Aw B2) _{UT2} [UT1] (24)	11.54	79.58	91.12 (3.14)	12.66 (0.92)
41	(w Aw B1) _{UT1} [UT1] x (w Aw B2) _{UT2} [UT1] (19)	18.37	49.32	67.69 (2.41)	27.46 (1.96)
42	(w Aw B1) _{UT1} [UT1] x (w Aw B1) _{UT1} [UT1] (23)	10.52	82.52	93.04 (2.19)	11.37 (0.66)
43	(w Aw B2) _{UT2} [UT1] x (w Aw B1) _{UT1} [UT1] (20)	15.8	40.6	56.4 (1.84)	28.08 (1.01)
44	(w Aw B2) _{UT2} [UT2] x (w Aw B2) _{UT2} [UT2] (24)	11.63	78.54	90.17 (4.61)	12.97 (0.79)
45	(w Aw B1) _{UT1} [UT2] x (w Aw B2) _{UT2} [UT2] (26)	15.5	69.62	85.12 (3.72)	18.39 (1.08)
46	(w Aw B1) _{UT1} [UT2] x (w Aw B1) _{UT1} [UT2] (21)	13.81	75.48	89.29 (2.78)	15.64 (0.91)
47	(w Aw B2) _{UT2} [UT2] x (w Aw B1) _{UT1} [UT2] (19)	20.42	32.89	53.31 (4.01)	39.72 (3.66)