

Heritability by Subgroup

Joe Rodger's BG Team

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Gen2 Link Version: 2011V28.

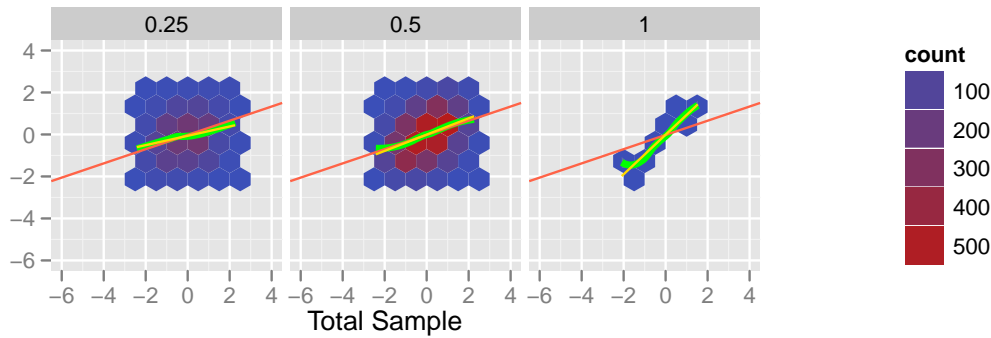
Subjects were 19+ years old. Implicit ambiguous sibs were assigned $R=0.375$. Z-Scores are restricted to ± 2.5 .

Counts reflect the double entry.

Subgroup	N	h^2	c^2	e^2	\bar{X}	σ	σ^3	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
Total	6908	0.70	0.04	0.26	-0.03	0.96	0.00	2158	0	4722	0	28	0.22		0.39	0.94
FF	1724	0.70	0.10	0.20	-0.05	0.96	0.12	566	0	1148	0	10	0.28		0.44	0.95
MF	3430	0.73	0.02	0.25	-0.01	0.96	-0.04	1090	0	2340	0	0	0.21		0.39	
MM	1754	0.73	-0.02	0.29	-0.07	0.94	-0.03	502	0	1234	0	18	0.18		0.33	0.94
Hispanic	1742	0.18	0.30	0.52	-0.37	0.93	0.26	402	0	1338	0	2	0.35		0.38	-1.00
Black	2816	0.67	-0.04	0.36	-0.03	0.95	0.04	1346	0	1460	0	10	0.14		0.29	0.88
NBNH	2350	0.54	0.10	0.36	0.21	0.91	-0.18	410	0	1924	0	16	0.25		0.37	0.95
Hisp FF	400	-0.01	0.47	0.54	-0.42	0.90	0.40	108	0	292	0	0	0.47		0.46	
Hisp MF	838	0.24	0.25	0.51	-0.33	0.97	0.23	196	0	642	0	0	0.31		0.37	
Hisp MM	504	0.35	0.18	0.47	-0.39	0.89	0.16	98	0	404	0	2	0.31		0.34	-1.00
Black FF	754	0.43	0.09	0.48	-0.00	0.96	0.16	374	0	376	0	4	0.21		0.29	0.80
Black MF	1408	0.83	-0.07	0.24	-0.02	0.96	0.01	678	0	730	0	0	0.13		0.34	
Black MM	654	0.79	-0.18	0.39	-0.09	0.92	-0.07	294	0	354	0	6	0.04		0.18	0.89
NBNH FF	570	0.98	-0.02	0.04	0.15	0.94	-0.13	84	0	480	0	6	0.23		0.47	0.97
NBNH MF	1184	0.48	0.10	0.42	0.23	0.89	-0.21	216	0	968	0	0	0.22		0.34	
NBNH MM	596	0.20	0.22	0.58	0.21	0.92	-0.17	110	0	476	0	10	0.32		0.30	0.94

Table 1: Height Heritability

1 Total Sample



Plot Explanation: Each row of graphs isolates a subgroup.

Each cell in a row isolates a unique value of R ; this is displayed in the gray header above each cell.

Axis and hexbin sizes are constants across all rows.

The orange line is the LS regression for the row (repeated in each cell).

The yellow line is the LS regression for the cell.

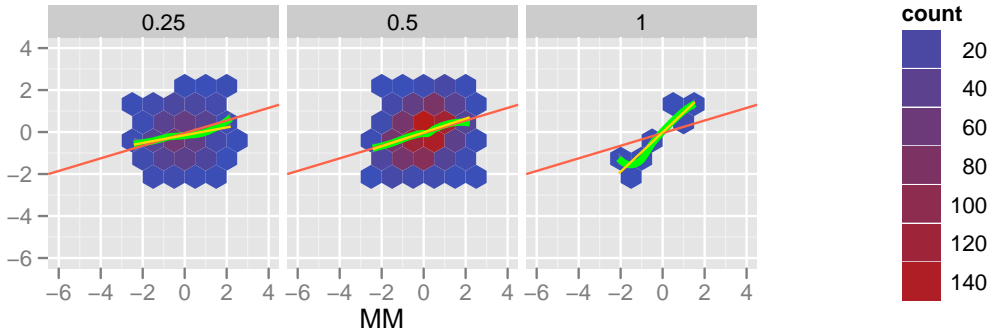
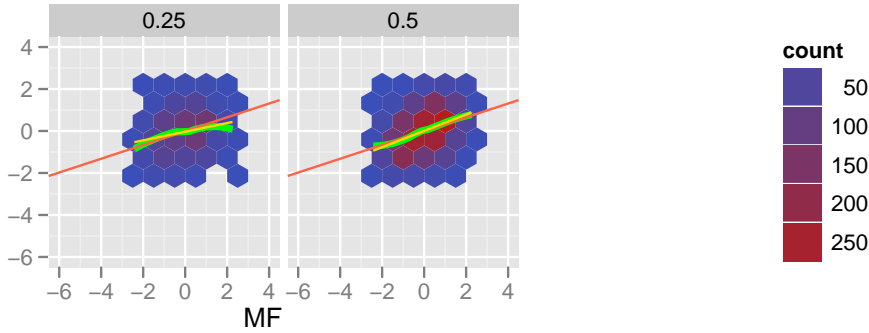
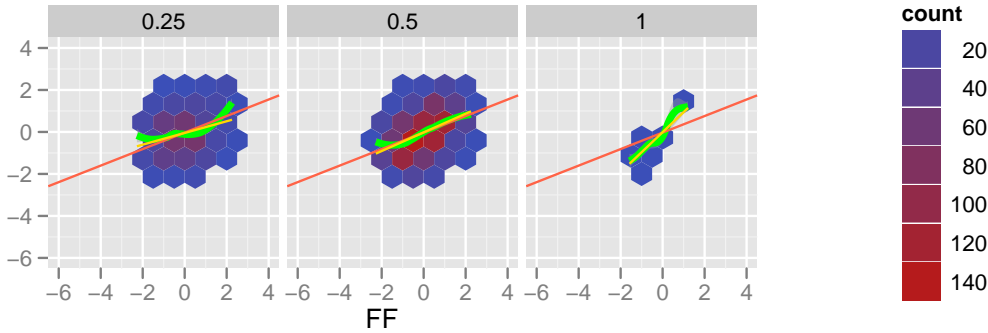
The green line is the loess for each cell. It's bandwidth is not constant across all rows.

The hexbin density color is not constant across rows.

Relevant portions of the table are repeated on each page.

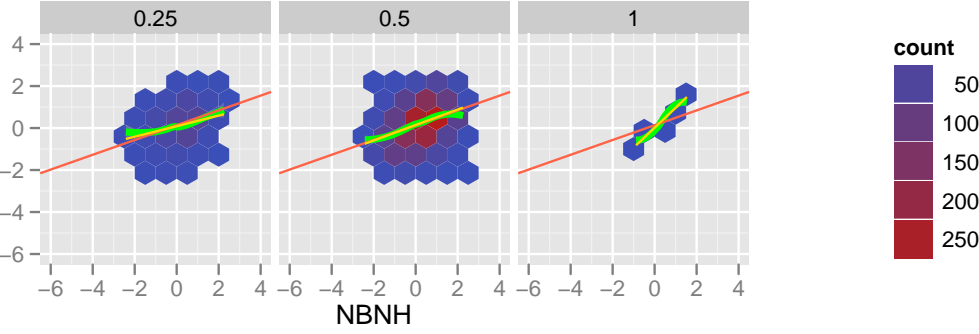
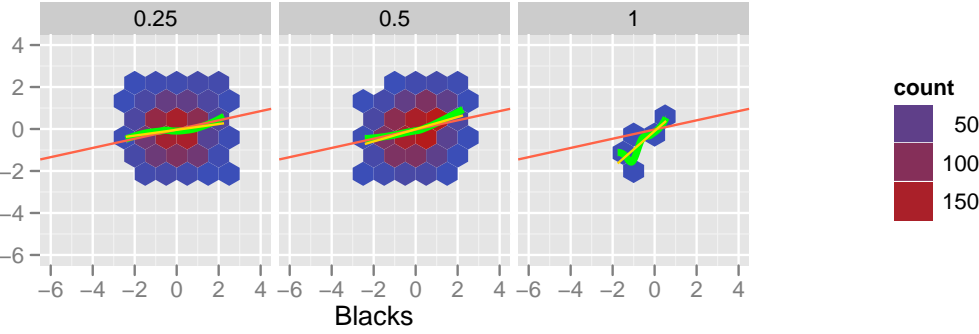
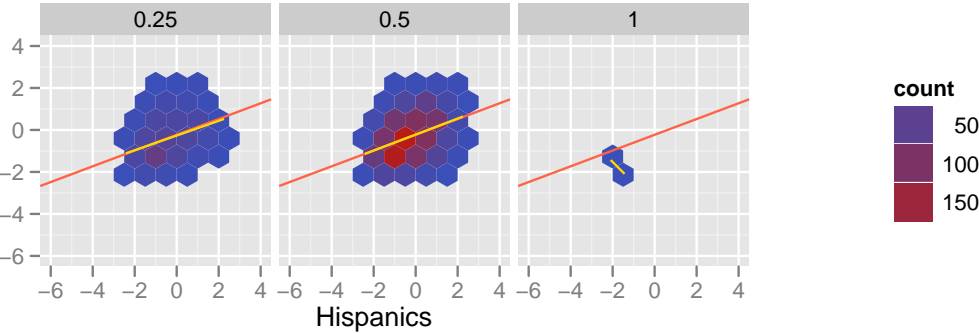
2 By Gender

Subgroup	h^2	c^2	e^2	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
Total	0.70	0.04	0.26	2158	0	4722	0	28	0.22		0.39	0.94
FF	0.70	0.10	0.20	566	0	1148	0	10	0.28		0.44	0.95
MF	0.73	0.02	0.25	1090	0	2340	0	0	0.21		0.39	
MM	0.73	-0.02	0.29	502	0	1234	0	18	0.18		0.33	0.94



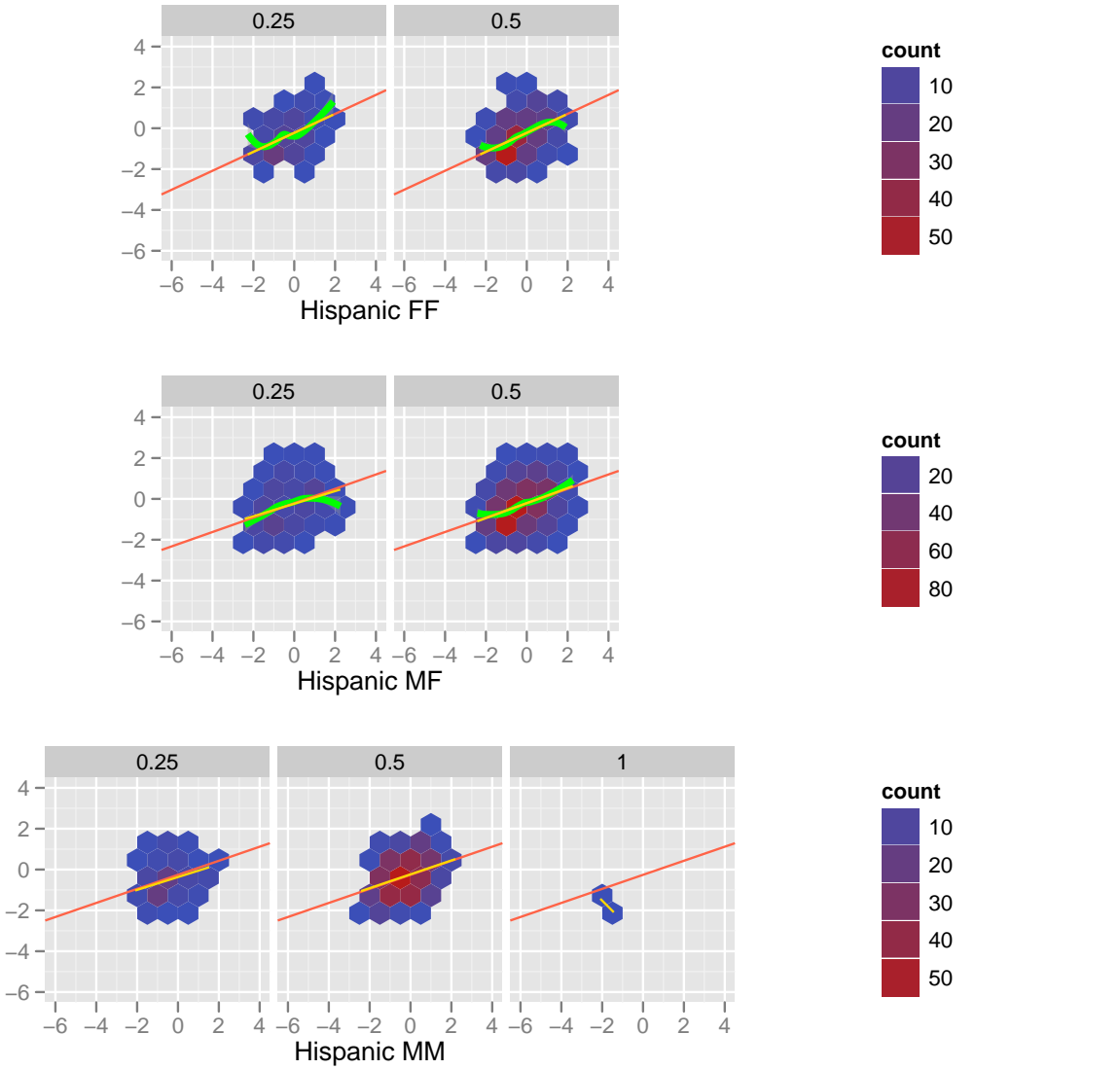
3 By Race

Subgroup	h^2	c^2	e^2	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
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Black	0.67	-0.04	0.36	1346	0	1460	0	10	0.14		0.29	0.88
NBNH	0.54	0.10	0.36	410	0	1924	0	16	0.25		0.37	0.95



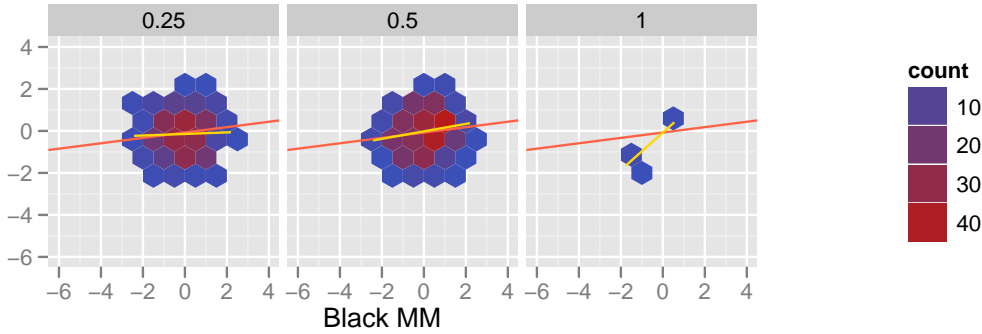
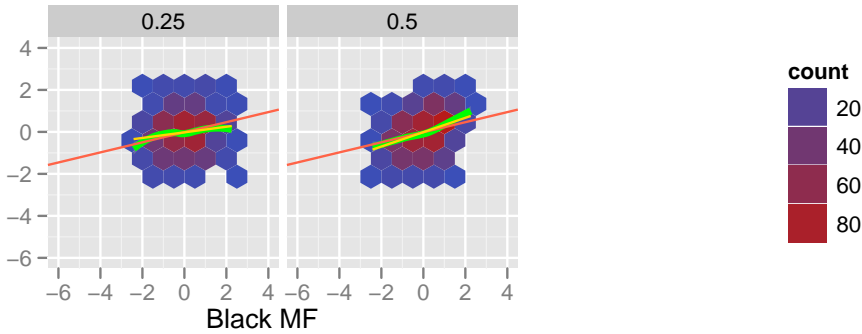
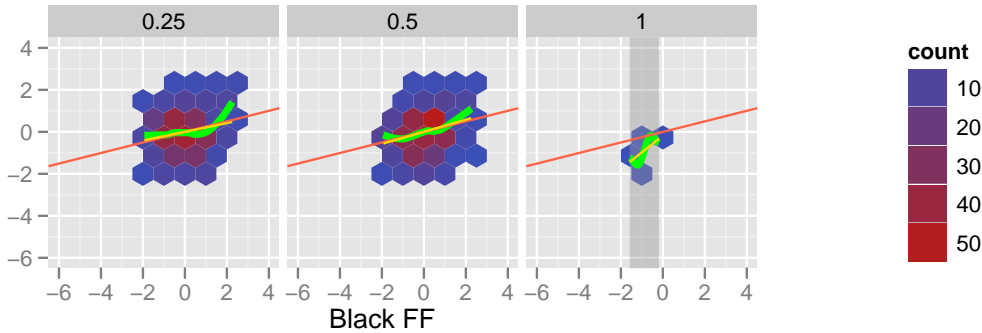
4 By Gender for Hispanics

Subgroup	h^2	c^2	e^2	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
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Hisp FF	-0.01	0.47	0.54	108	0	292	0	0	0.47		0.46	
Hisp MF	0.24	0.25	0.51	196	0	642	0	0	0.31		0.37	
Hisp MM	0.35	0.18	0.47	98	0	404	0	2	0.31		0.34	-1.00



5 By Gender for Blacks

Subgroup	h^2	c^2	e^2	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
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Black FF	0.43	0.09	0.48	374	0	376	0	4	0.21		0.29	0.80
Black MF	0.83	-0.07	0.24	678	0	730	0	0	0.13		0.34	
Black MM	0.79	-0.18	0.39	294	0	354	0	6	0.04		0.18	0.89



6 By Gender for NBNHs

Subgroup	h^2	c^2	e^2	$N_{.25}$	$N_{.375}$	$N_{.5}$	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	$r_{.5}$	r_{Mz}
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NBNH	0.54	0.10	0.36	410	0	1924	0	16	0.25		0.37	0.95
NBNH FF	0.98	-0.02	0.04	84	0	480	0	6	0.23		0.47	0.97
NBNH MF	0.48	0.10	0.42	216	0	968	0	0	0.22		0.34	
NBNH MM	0.20	0.22	0.58	110	0	476	0	10	0.32		0.30	0.94

