Heritability by Subgroup

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January 13, 2012

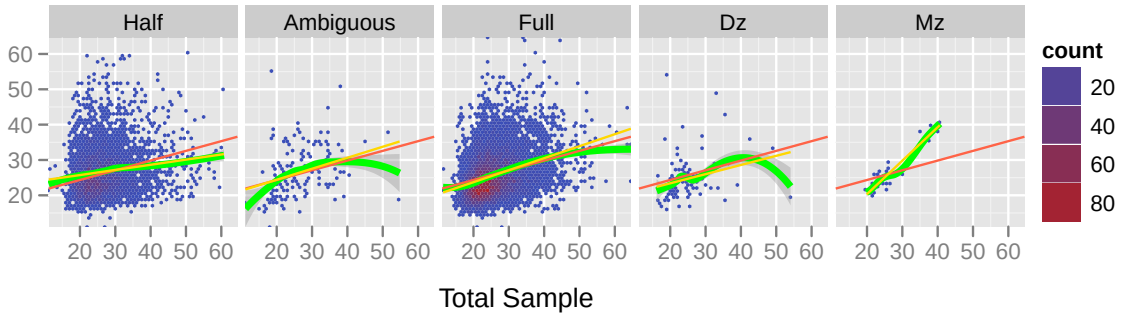
Gen2 Link Version: 2011V28. DV Names: '`Bmi_1`' and '`Bmi_2`' in '`F:/Projects/Nls/Links2011/Analysis/Df/2012-01-13/DoubleEntered.csv`'.

This uses OpenMX, based off the example that David emailed Dec 16, 2011. The dataset was reduced to single entered (and counts reflect this).

Implicit ambiguous sibs were assigned R=0.375.

Subgroup	N	h^2	c^2	e^2	$\bar{X}$	σ	σ^3	$N_{.25}$	$N_{.375}$	N_{Full}	N_{Dz}	$N_{.75}$	N_{Mz}	$r_{.25}$	$r_{.375}$	r_{Full}	r_{Dz}	r_{Mz}
Total	6920	0.72	0.00	0.28	26.0	6.2	1.3	4470	146	9096	94	0	34	0.15	0.31	0.34	0.26	0.95
FF	1665	0.95	0.00	0.05	26.4	6.8	1.2	1098	44	2148	30	0	10	0.12	0.40	0.42	0.63	0.97
MF	3466	0.63	0.00	0.37	25.8	6.1	1.3	2274	50	4562	46	0	0	0.16	0.20	0.30	0.00	
MM	1789	0.67	0.00	0.33	25.9	5.7	1.4	1098	52	2386	18	0	24	0.11	0.30	0.33	0.52	0.92
Hispanic	1780	0.51	0.00	0.49	26.2	6.0	1.3	934	28	2580	16	0	2	0.15	0.40	0.24	0.37	-1.00
Black	2525	0.65	0.00	0.35	27.1	6.6	1.3	2494	72	2430	38	0	16	0.12	-0.19	0.32	0.06	0.88
NBNH	2615	0.79	0.00	0.21	24.8	5.6	1.4	1042	46	4086	40	0	16	0.13	0.76	0.38	0.50	0.97
Hisp FF	411	0.60	0.00	0.40	26.2	6.3	1.1	216	8	592	6	0	0	0.16	-0.01	0.25	0.47	
Hisp MF	870	0.40	0.07	0.53	26.0	5.9	1.2	480	12	1240	8	0	0	0.17	-0.24	0.26	-0.92	
Hisp MM	499	0.38	0.00	0.62	26.5	5.9	1.5	238	8	748	2	0	2	0.03	0.56	0.20	-1.00	-1.00
Black FF	658	0.82	0.00	0.18	28.1	7.4	1.1	648	20	636	8	0	4	0.08	0.27	0.42	-0.04	0.96
Black MF	1249	0.44	0.00	0.56	27.0	6.5	1.3	1250	26	1206	16	0	0	0.12	-0.55	0.22	-0.38	
Black MM	618	0.79	0.00	0.21	26.3	5.8	1.4	596	26	588	14	0	12	0.13	-0.32	0.38	0.54	0.32
NBNH FF	596	0.97	0.00	0.03	24.5	5.8	1.4	234	16	920	16	0	6	-0.01	0.60	0.47	0.61	0.98
NBNH MF	1347	0.67	0.02	0.31	24.7	5.7	1.5	544	12	2116	22	0	0	0.20	0.96	0.34	0.45	
NBNH MM	672	0.78	0.00	0.22	25.0	5.3	1.2	264	18	1050	2	0	10	0.09	0.78	0.38	-1.00	0.96

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 allrows.
The hexbin density color is not constant across rows.
Relevant portions of the table are repeated on each page.