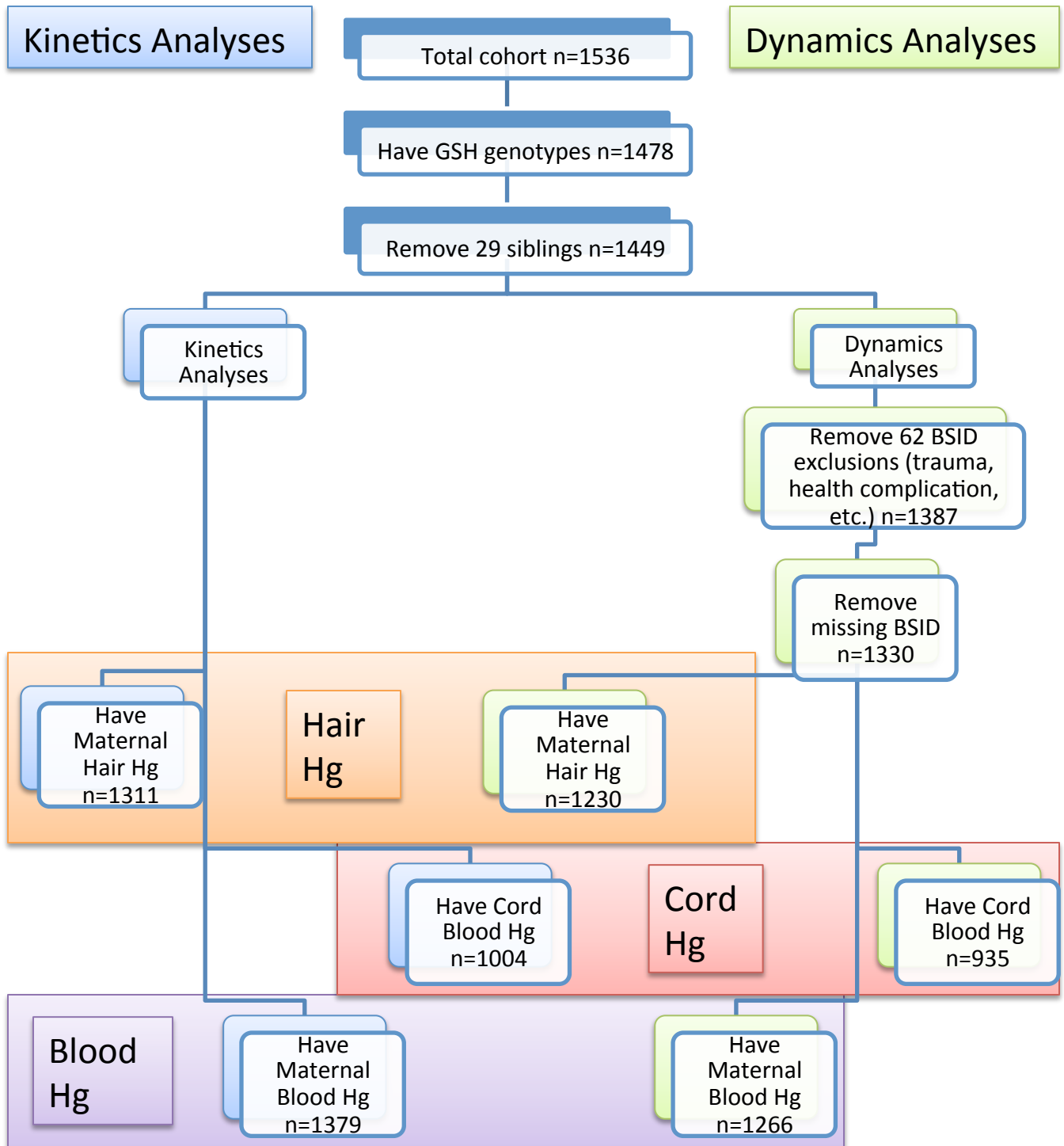


Flow chart of sample sizes



Supplemental Figure S1. Flow chart of inclusion and exclusion of subjects in the mother-child cohort.

Supplementary Table 1. Interactions between MeHg biomarker concentrations and genotypes on developmental outcomes. When the interaction is significant (p-value 2), the estimated slopes for each genotype and the standardized difference in slopes from the reference genotype (β) are given with their p-values (p1).

Interaction	Genotype	MDI					Genotype	PDI				
		n	Slope	CI	β	p1		n	Slope	CI	β	p1
Maternal hair Hg x GCLM		1212	-0.08	(-0.25,0.09)				1210	0.05	(-0.12,0.22)		
	p-value 2		0.296					0.547				
Maternal blood Hg x GCLM		1248	0.00	(-0.05,0.06)				1246	0.00	(-0.05,0.06)		
	p-value 2		0.864					0.896				
Cord blood Hg x GCLM		924	0.00	(-0.03,0.03)				923	-0.03	(-0.06,0.01)		
	p-value 2		0.194					0.987				
Maternal hair Hg x GCLC		1223	-0.08	(-0.25,0.09)				1221	0.05	(-0.12,0.23)		
	p-value 2		0.458					0.334				
Maternal blood Hg x GCLC		1259	0.00	(-0.05,0.05)			TT	533	-0.07	(-0.15,0.01)		
							TG	585	0.01	(-0.07,0.1)	0.081	0.163
							GG	139	0.23	(0.08,0.39)	0.303	<0.001
	p-value 2		0.231					0.002				
Cord blood Hg x GCLC		930	0.00	(-0.03,0.03)			TT	395	-0.07	(-0.12,-0.03)		
							TG	428	-0.02	(-0.07,0.04)	0.054	0.134
							GG	106	0.08	(-0.02,0.18)	0.157	0.004
	p-value 2		0.768					0.014				
Maternal hair Hg x GSTP1	AA	445	-0.15	(-0.44,0.15)				1222	0.05	(-0.12,0.22)		
	AG	577	0.09	(-0.14,0.32)	0.238	0.210						
	GG	202	-0.57	(-1.02,-0.12)	-0.428	0.117						
	p-value 2		0.030					0.331				
Maternal blood Hg x GSTP1		1260	0.00	(-0.05,0.05)				1258	0.00	(-0.05,0.06)		
	p-value 2		0.737					0.156				
Cord blood Hg x GSTP1		932	0.01	(-0.03,0.03)				931	-0.03	(-0.06,0.01)		
	p-value 2		0.350					0.183				