

maternal chromosome 1										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	2	7	16	25	20	17	5			
Pois	3.2	10.7	18.0	20.2	17.0	11.4	11.4	11.8	6	0.07
trunc Pois	3.1	10.8	18.1	20.2	17.0	11.4	11.4	11.7	6	0.07
free	2.0	7.1	16.0	24.4	23.5	13.8	5.3	2.0		
trunc free	2.0	7.1	15.9	24.4	23.5	13.8	5.3	2.0		
gamma	1.0	6.2	16.8	24.2	22.8	14.1	7.0	3.7	5	0.59
maternal chromosome 2										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	0	9	20	28	18	12	5			
Pois	3.7	11.9	19.1	20.5	16.5	10.6	9.9	10.5	6	0.11
trunc Pois	3.6	12.0	19.2	20.5	16.4	10.5	9.8	10.3	6	0.11
free	1.5	8.2	19.4	25.7	21.0	11.1	5.0	2.3		
trunc free	1.5	8.2	19.5	25.7	21.0	11.1	5.0	2.3		
gamma	1.6	8.2	18.9	25.2	20.8	11.9	5.3	2.4	5	0.78
maternal chromosome 3										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	1	15	28	28	14	4	2			
Pois	6.6	17.3	22.9	20.1	13.3	7.0	4.8	12.7	6	0.05
trunc Pois	6.3	17.7	23.1	20.2	13.2	6.9	4.6	12.1	6	0.06
free	3.0	14.0	26.8	26.7	15.1	5.0	1.4	2.8		
trunc free	3.0	14.1	26.8	26.7	15.0	5.0	1.4	2.7		
gamma	3.4	14.6	25.1	25.6	15.7	5.7	1.9	3.4	5	0.64
maternal chromosome 4										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	1	18	28	13	14	6	0			
Pois	6.6	16.5	20.6	17.1	10.6	5.3	3.3	13.1	5	0.02
trunc Pois	6.3	17.0	20.9	17.1	10.5	5.1	3.1	12.4	5	0.03
free	4.2	15.4	23.2	20.1	11.8	4.5	0.8	8.1		
trunc free	4.2	15.4	23.2	20.1	11.8	4.5	0.8	8.1		
gamma	3.2	13.0	23.6	22.5	12.2	4.4	1.2	10.4	4	0.03
maternal chromosome 5										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	5	15	26	21	8	5	0			
Pois	7.7	18.1	21.1	16.4	9.6	4.5	2.6	6.8	5	0.24
trunc Pois	7.2	18.6	21.4	16.5	9.5	4.4	2.5	6.4	5	0.27
free	4.8	16.4	24.5	20.3	10.3	3.2	0.6	2.4		
trunc free	4.6	16.4	24.6	20.5	10.3	3.1	0.5	2.4		
gamma	3.9	14.3	25.1	21.6	11.0	3.4	0.7	2.7	4	0.62

maternal chromosome 16										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	10	37	28	14	2	1	0			
Pois	18.4	29.6	23.8	12.8	5.1	1.7	0.6	9.1	4	0.06
trunc Pois	16.8	32.4	24.3	12.1	4.5	1.4	0.4	6.0	4	0.20
free	11.9	32.7	31.6	12.7	2.5	0.6	0.1	1.6		
trunc free	11.8	32.7	31.6	12.7	2.5	0.6	0.1	1.6		
gamma	12.0	31.5	30.2	14.3	3.5	0.4	0.0	2.9	3	0.41
maternal chromosome 17										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	12	35	36	8	1	0	0			
Pois	21.2	31.1	22.8	11.2	4.1	1.2	0.4	16.8	3	0.00
trunc Pois	19.2	34.8	23.1	10.3	3.4	0.9	0.2	13.2	3	0.00
free	13.3	35.5	31.9	10.4	0.7	0.1	0.0	1.3		
trunc free	13.3	35.6	31.9	10.3	0.7	0.1	0.0	1.2		
gamma	14.0	34.7	30.9	10.5	1.8	0.1	0.0	2.2	2	0.33
maternal chromosome 18										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	11	31	28	7	3	0	0			
Pois	17.9	26.8	20.1	10.0	3.8	1.1	0.4	9.0	4	0.06
trunc Pois	16.1	29.7	20.4	9.4	3.2	0.9	0.3	6.2	4	0.18
free	12.6	30.6	25.3	9.2	2.1	0.1	0.0	1.6		
trunc free	12.6	30.7	25.4	9.2	2.1	0.2	0.0	1.6		
gamma	10.7	29.4	26.8	10.8	2.0	0.2	0.0	2.2	3	0.53
maternal chromosome 19										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	26	40	23	3	0	0	0			
Pois	32.8	33.8	17.5	6.0	1.6	0.3	0.1	7.7	3	0.05
trunc Pois	28.1	41.2	16.9	4.6	0.9	0.2	0.0	4.1	3	0.25
free	25.9	40.4	22.5	3.1	0.0	0.0	0.0	0.0		
trunc free	24.3	42.9	21.6	3.1	0.0	0.0	0.0	0.5		
gamma	23.2	42.6	22.8	3.4	0.1	0.0	0.0	0.6	2	0.73
maternal chromosome 20										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	22	43	22	5	0	0	0			
Pois	30.4	33.7	18.7	6.9	1.9	0.4	0.1	8.4	3	0.04
trunc Pois	26.6	40.3	18.1	5.4	1.2	0.2	0.0	3.3	3	0.35
free	23.2	40.9	23.1	4.8	0.1	0.0	0.0	0.3		
trunc free	22.9	41.3	23.1	4.7	0.0	0.0	0.0	0.2		
gamma	22.6	38.6	23.7	6.1	0.9	0.0	0.0	1.8	2	0.41

paternal chromosome 6										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	22	36	30	4	0	0	0			
Pois	28.4	33.4	19.6	7.7	2.3	0.5	0.1	11.8	3	0.01
trunc Pois	24.7	39.1	19.6	6.5	1.6	0.3	0.1	9.1	3	0.03
free	21.9	38.7	26.5	5.0	0.0	0.0	0.0	0.9	1	0.35
trunc free	19.7	41.3	26.2	4.7	0.1	0.0	0.0	1.6	1	0.20
gamma	19.0	40.3	26.8	5.7	0.2	0.0	0.0	2.1	2	0.36
paternal chromosome 7										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	23	41	19	8	1	0	0			
Pois	28.8	33.4	19.4	7.5	2.2	0.5	0.1	4.1	3	0.25
trunc Pois	24.9	39.2	19.5	6.5	1.6	0.3	0.1	1.1	3	0.78
free	24.5	38.6	20.5	7.3	1.1	0.0	0.0	0.4	1	0.51
trunc free	24.5	38.6	20.5	7.3	1.1	0.1	0.0	0.4	1	0.52
gamma	21.0	40.3	24.1	6.0	0.6	0.0	0.0	2.2	2	0.34
paternal chromosome 8										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	23	46	21	2	0	0	0			
Pois	33.1	33.8	17.3	5.9	1.5	0.3	0.1	12.7	3	0.01
trunc Pois	29.2	41.8	16.0	4.1	0.8	0.1	0.0	5.3	3	0.15
free	24.2	44.0	21.9	1.9	0.0	0.0	0.0	0.2	1	0.62
trunc free	24.2	44.1	21.8	1.9	0.1	0.0	0.0	0.2	1	0.63
gamma	24.8	42.0	21.2	3.8	0.1	0.0	0.0	1.5	2	0.48
paternal chromosome 9										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	20	42	26	4	0	0	0			
Pois	29.1	33.5	19.3	7.4	2.1	0.5	0.1	11.6	3	0.01
trunc Pois	25.7	39.8	18.8	5.9	1.4	0.3	0.0	6.5	3	0.09
free	20.4	41.7	25.8	4.1	0.0	0.0	0.0	0.1	1	0.83
trunc free	20.3	41.9	25.6	4.1	0.1	0.0	0.0	0.1	1	0.79
gamma	21.7	40.4	23.3	6.0	0.7	0.0	0.0	1.9	2	0.39
paternal chromosome 10										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	17	39	28	8	0	0	0			
Pois	25.2	32.6	21.1	9.1	2.9	0.8	0.2	10.2	3	0.02
trunc Pois	22.5	37.5	21.2	8.0	2.3	0.5	0.1	6.5	3	0.09
free	17.4	38.1	28.7	7.7	0.0	0.0	0.0	0.1	1	0.76
trunc free	17.2	38.4	28.8	7.6	0.0	0.0	0.0	0.1	1	0.80
gamma	18.1	38.5	26.6	7.8	0.9	0.1	0.0	1.2	2	0.56

paternal chromosome 16										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	32	46	13	1	0	0	0			
Pois	40.7	33.2	13.5	3.7	0.7	0.1	0.0	9.6	2	0.01
trunc Pois	34.7	44.1	11.1	1.9	0.2	0.0	0.0	1.2	2	0.55
free	32.9	44.7	13.4	0.9	0.0	0.0	0.0	0.1	1	0.78
trunc free	32.7	45.0	13.2	1.0	0.1	0.0	0.0	0.0	1	0.84
gamma	30.7	45.7	15.0	0.6	0.0	0.0	0.0	0.6	1	0.45
paternal chromosome 17										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	33	48	11	0	0	0	0			
Pois	43.0	32.7	12.4	3.2	0.6	0.1	0.0	13.5	2	0.00
trunc Pois	36.9	44.8	9.0	1.2	0.1	0.0	0.0	2.4	2	0.30
free	34.7	45.7	11.6	0.0	0.0	0.0	0.0	0.2	1	0.63
trunc free	34.5	46.0	11.5	0.0	0.0	0.0	0.0	0.2	1	0.66
gamma	33.3	44.6	13.5	0.6	0.0	0.0	0.0	1.3	1	0.26
paternal chromosome 18										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	31	47	14	0	0	0	0			
Pois	40.7	33.2	13.5	3.7	0.7	0.1	0.0	12.7	2	0.00
trunc Pois	35.1	44.2	10.7	1.7	0.2	0.0	0.0	3.6	2	0.16
free	32.0	45.4	14.5	0.0	0.0	0.0	0.0	0.1	1	0.72
trunc free	31.7	46.0	14.3	0.0	0.0	0.0	0.0	0.1	1	0.81
gamma	30.8	44.4	15.4	1.3	0.0	0.0	0.0	1.6	1	0.21
paternal chromosome 19										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	40	36	16	0	0	0	0			
Pois	43.9	32.5	12.0	3.0	0.5	0.1	0.0	5.7	2	0.06
trunc Pois	35.1	44.2	10.7	1.7	0.2	0.0	0.0	6.8	2	0.03
free	40.0	36.3	15.8	0.0	0.0	0.0	0.0	0.0	1	0.94
trunc free	32.9	46.0	13.1	0.0	0.0	0.0	0.0	4.4	1	0.04
gamma	35.4	43.8	12.3	0.5	0.0	0.0	0.0	3.6	1	0.06
paternal chromosome 20										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	48	38	6	0	0	0	0			
Pois	53.4	29.0	7.9	1.4	0.2	0.0	0.0	5.4	2	0.07
trunc Pois	41.3	45.7	4.7	0.3	0.0	0.0	0.0	3.1	2	0.21
free	48.0	38.1	5.9	0.0	0.0	0.0	0.0	0.0		
trunc free	40.9	45.9	5.1	0.1	0.0	0.0	0.0	2.8		
gamma	46.4	38.5	6.8	0.3	0.0	0.0	0.0	0.5	1	0.49

paternal chromosome 21										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	58	34	0	0	0	0	0			
Pois	63.6	23.5	4.3	0.5	0.0	0.0	0.0	10.1	1	0.00
trunc Pois	46.0	46.0	0.0	0.0	0.0	0.0	0.0	6.3	1	0.01
free	58.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.91
trunc free	46.0	46.0	0.0	0.0	0.0	0.0	0.0	6.3	1	0.01
gamma										
paternal chromosome 22										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	69	22	1	0	0	0	0			
Pois	70.9	18.5	2.4	0.2	0.0	0.0	0.0	1.7	1	0.19
trunc Pois	45.3	46.0	0.7	0.0	0.0	0.0	0.0	25.0	1	0.00
free	69.0	22.0	1.0	0.0	0.0	0.0	0.0	0.0	1	0.98
trunc free	45.3	46.0	0.7	0.0	0.0	0.0	0.0	25.0	1	0.00
gamma	67.3	24.2	0.5	0.0	0.0	0.0	0.0	0.7	0	
paternal chromosome X										
	0	1	2	3	4	5	5+	chi-sq	df	P-value
Obs	79	13	0	0	0	0	0			
Pois	79.9	11.3	0.8	0.0	0.0	0.0	0.0	1.1	1	0.29
trunc Pois	46.0	46.0	0.0	0.0	0.0	0.0	0.0	47.4	1	0.00
free	79.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	1	0.93
trunc free	46.0	46.0	0.0	0.0	0.0	0.0	0.0	47.4	1	0.00
gamma										