

Table. Comparisons Between Genotype, Within Sex and Diet									
Genotype Comparisons					95% Credibility Interval (mM)				
Reference	Contrast	Age (weeks)	Time (minutes)	Difference in Blood Glucose (mM)	Lower Bound	Upper Bound	Bayes Factor	Evidence	
LFD - Female									
WTCre	InsRCre	9	15	-2.4	-4.0	-0.7	112	Decisive	
WTCre	InsRCre	39	15	-4.7	-7.0	-2.4	2,856	Decisive	
WTCre	HetCre	4	15	-1.8	-3.6	0.0	20	Strong	
WTCre	HetCre	21	15	-3.1	-5.0	-1.2	263	Decisive	
WTCre	HetCre	39	15	-3.9	-6.1	-1.7	596	Decisive	
WTCre	HetCre	39	30	-2.3	-4.5	-0.1	22	Strong	
WTCre	HetCre	39	60	-2.3	-4.5	-0.1	22	Strong	
LFD - Male									
WTCre	InsRCre	4	30	-2.9	-5.6	-0.2	25	Strong	
WTCre	InsRCre	39	90	-4.0	-6.6	-1.4	190	Decisive	
WTCre	InsRCre	39	120	-5.8	-8.4	-3.2	13,332	Decisive	
WTCre	HetCre	39	30	-3.6	-5.9	-1.3	227	Decisive	
WTCre	HetCre	39	60	-3.9	-6.1	-1.6	455	Decisive	
WTCre	HetCre	39	90	-2.9	-5.1	-0.7	59	Very strong	
WTCre	HetCre	39	120	-3.8	-6.0	-1.6	420	Decisive	
HFD - Female									
WTCre	InsRCre	21	15	-4.7	-7.5	-1.8	245	Decisive	
WTCre	InsRCre	54	30	-5.0	-8.4	-1.6	134	Decisive	
WTCre	HetCre	39	90	3.6	0.8	6.4	59	Very strong	
HFD - Male									
WTCre	HetCre	54	15	-3.8	-7.3	-0.3	26	Strong	
If no result is reported, the posterior probability did not exceed 95%.									