

ESM Table 6. Summary of Results for Females Baseline Age 30 to 39 years

Outcome	Trajectory	Difference from Sex Specific Mean Baseline Weight	n	Interaction p-value	Overall p-value	Group Differences	
Glucose	1	-5.5	25	0.0053	0.0004		
	2	-5.5	148				
	3	-5.5	509				
	4	-5.5	308				
	6	-5.5	40				
	5	-5.5	21				
	1	0	25				
	2	0	148				4
	3	0	509				
	4	0	308				2
	6	0	40				
	5	0	21				
	1	6	25				
	2	6	148				4 6
	3	6	509				
4	6	308		2			
6	6	40		2			
5	6	21					
HbA _{1c}	1	0	25	0.3547	0.1754		
	2	0	148				
	3	0	509				
	4	0	307				
	6	0	40				
	5	0	21				
Insulin	1	0	25	0.9999	0.4655		
	2	0	149				
	3	0	510				
	4	0	308				
	6	0	40				
	5	0	21				
log HOMA-IR	1	0	25	0.7696	<0.0001		
	2	0	148				3 4 5 6
	3	0	508				2 4 6
	4	0	308				1 2 3 6
	6	0	40				1 2 3 4
	5	0	21				1 2