

**ESM Table 5. Summary of Results for Females Baseline Age 18 to 29 years**

<b>Outcome</b>	<b>Trajectory</b>	<b>Difference from Sex Specific Mean Baseline Weight</b>	<b>n</b>	<b>Interaction <math>p</math>-value</b>	<b>Overall <math>p</math>-value</b>	<b>Group Differences</b>
Glucose	1	0	81	0.6287	0.0162	4
	2	0	307			4
	3	0	333			4
	5	0	39			
	4	0	117			1 2 3
	6	0	18			
HbA <sub>1c</sub>	1	0	81	0.5486	0.0247	3 4
	2	0	308			4
	3	0	329			1 4
	5	0	39			
	4	0	115			1 2 3
	6	0	18			
Insulin	1	0	81	0.4799	0.0999	
	2	0	308			
	3	0	333			
	5	0	40			
	4	0	117			
	6	0	18			
log HOMA-IR	1	0	81	0.2609	<0.0001	
	2	0	306			1 3 4 6
	3	0	333			1 2
	5	0	39			1
	4	0	117			1 2
	6	0	18			1 2