Models without interaction	Expected Mean structure (Variables)	AIC
model1	Age	44674.61
model2	gender	51366.30
model3	salt_sugar	44642.56
model4	Age, gender	44676.29
model5	Age, salt_sugar	40824.62
model6	Age, salt_sugar, gender	40826.52
Models with interaction		
model7	Age, gender,Gender*Age	44677.57
model8	Age, salt_sugar,Age* salt_sugar	40826.4
model9	salt_sugar, Gender,salt_sugar*Gender	44645.71
model10	Age, salt_sugar,Gender, Gender*Age	40826.72
model11	Age, salt_sugar,Gender, Age* salt_sugar	40828.29
model12	Age, salt_sugar,Gender, salt_sugar*Gender	40828.37
model13	Age, salt_sugar,Gender, Gender*Age, Age* salt_sugar	40828.48
model14	Age, salt_sugar,Gender, Gender*Age, salt_sugar*Gender	40828.61
Model15	Age, salt_sugar,Gender, Gender*Age, salt_sugar*Gender, Age* salt_sugar	40828.61

	Estimate	**Std error**	**p value**
Intercept	105.900	0.205	<0.0001
Age	0.655	0.009	<0.0001
salt_sugar	0.643	0.009	<0.0001