**Supplementary File 5.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Estimate** | **Std. Error** | **t value** | **Pr (>Chisq)** |
| Protein | -2.21 | 5.882 | -3.764 | < 0.001\*\*\* |
| Protein2 | 3.732 | 1.448 | 2.578 | < 0.001\*\*\* |
| Carbohydrate | -2.365 | 2.592 | -0.912 | 0.362 |
| Carbohydrate2 | 1.794 | 6.248 | 2.871 | 0.072 |
| Cholesterol | 1.989 | 1.298 | 1.533 | < 0.001\*\*\* |
| Cholesterol2 | -1.607 | 1.122 | -14.324 | < 0.001\*\*\* |
| Protein: cholesterol | 1.801 | 1.560 | 11.545 | < 0.001\*\*\* |
| Protein2 : cholesterol | -4.135 | 3.800 | -10.882 | < 0.001\*\*\* |
| Carbohydrate2 : cholesterol | -2.763 | 5.154 | -5.362 | < 0.001\*\*\* |