**Table S3. Association between certification level deterioration and changes in body fat percentage using binomial logistic regression analysis**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | β | Odds ratio | 95% CI | *P*-value |
| Model Ⅰ |
| Change in body fat percentage | -0.247 | 0.781 | 0.645–0.947 | **0.012** |
| Model Ⅱ |
| Change in body fat percentage | -0.264 | 0.768 | 0.629–0.938 | **0.010** |

The analysis was conducted after excluding the Improvement group (n=12).

Dependent variable: Maintenance group=0; Deterioration group=1.

Change in body fat percentage: body fat percentage at follow-up minus the body fat percentage at baseline.

Model Ⅰ: Non-adjusted.

Model II: Adjusted for sex, LTCI certification level, and intractable neurological disease.

CI, confidence interval; LTCI, long-term care insurance.