**Supplementary Table 3.** Efficacy Endpoints in the Patients Newly Receiving Alogliptin

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 　 | 　 | age <65 | 　 | age 65-74 | age ≥75 | 　 | 　 |
| 　 | 　 | n | mean | SD | p | ‡ | n | mean | SD | p | ‡ | n | mean | SD | p | ‡ | p (ANOVA) | 　 |
| HbA1c (%) | 0M | 83 | 7.76  | 1.38  |  |  | 59 | 7.38  | 1.26  |  |  | 72 | 7.01  | 1.02  |  |  | 0.001  | † |
| 3M | 78 | 6.85  | 0.83  |  |  | 57 | 6.74  | 0.68  |  |  | 63 | 6.70  | 0.79  |  |  | 0.490  |  |
| 6M | 70 | 6.78  | 0.77  |  |  | 56 | 6.73  | 0.60  |  |  | 61 | 6.57  | 0.74  |  |  | 0.212  |  |
| 9M | 71 | 6.83  | 0.99  |  |  | 51 | 6.69  | 0.63  |  |  | 60 | 6.58  | 0.76  |  |  | 0.223  |  |
| 12M | 72 | 6.84  | 1.03  |  |  | 55 | 6.76  | 0.67  |  |  | 58 | 6.69  | 0.82  |  |  | 0.641  |  |
| Δ3M | 78 | -0.94  | 1.02  | <0.001 | ‡ | 57 | -0.65  | 1.06  | <0.001 | ‡ | 63 | -0.39  | 0.94  | 0.002  | ‡ | 0.007  | † |
| Δ6M | 70 | -1.01  | 1.15  | <0.001 | ‡ | 56 | -0.61  | 1.08  | <0.001 | ‡ | 61 | -0.54  | 1.12  | <0.001 | ‡ | 0.034  | † |
| Δ9M | 71 | -0.88  | 1.31  | <0.001 | ‡ | 51 | -0.59  | 0.87  | <0.001 | ‡ | 60 | -0.45  | 1.12  | 0.003  | ‡ | 0.086  |  |
| Δ12M | 72 | -0.91  | 1.50  | <0.001 | ‡ | 55 | -0.57  | 1.09  | <0.001 | ‡ | 58 | -0.42  | 1.11  | 0.005  | ‡ | 0.084  | 　 |
| Blood glucose (fasting) (mg/dL) | 0M | 31 | 165.7  | 61.8  |  |  | 25 | 137.0  | 29.0  |  |  | 23 | 143.3  | 33.8  |  |  | 0.053  |  |
| 3M | 27 | 131.5  | 28.5  |  |  | 21 | 145.6  | 39.1  |  |  | 14 | 124.9  | 21.5  |  |  | 0.129  |  |
| 6M | 20 | 128.5  | 30.5  |  |  | 22 | 128.3  | 25.9  |  |  | 17 | 133.4  | 23.9  |  |  | 0.811  |  |
| 9M | 26 | 141.6  | 40.1  |  |  | 20 | 130.6  | 20.1  |  |  | 16 | 119.4  | 18.9  |  |  | 0.072  |  |
| 12M | 27 | 133.8  | 50.6  |  |  | 17 | 125.0  | 14.3  |  |  | 15 | 126.3  | 23.1  |  |  | 0.697  |  |
| Δ3M | 23 | -36.7  | 47.0  | 0.001  | ‡ | 17 | 7.4  | 41.2  | 0.469  |  | 13 | -15.7  | 29.0  | 0.074  |  | 0.007  | † |
| Δ6M | 18 | -28.7  | 37.8  | 0.005  | ‡ | 18 | -12.9  | 26.7  | 0.056  |  | 16 | -14.1  | 21.6  | 0.020  | ‡ | 0.221  |  |
| Δ9M | 23 | -26.3  | 57.3  | 0.039  | ‡ | 17 | -12.9  | 27.4  | 0.071  |  | 14 | -25.1  | 38.5  | 0.030  | ‡ | 0.619  |  |
| Δ12M | 23 | -40.1  | 69.7  | 0.011  | ‡ | 15 | -18.9  | 24.9  | 0.011  | ‡ | 15 | -16.2  | 39.0  | 0.130  | 　 | 0.305  | 　 |
| Blood glucose (postprandial) (mg/dL) | 0M | 33 | 186.1  | 59.9  |  |  | 25 | 188.8  | 69.2  |  |  | 26 | 184.1  | 83.0  |  |  | 0.971  |  |
| 3M | 32 | 158.3  | 55.1  |  |  | 21 | 141.0  | 21.6  |  |  | 26 | 161.5  | 45.3  |  |  | 0.259  |  |
| 6M | 36 | 164.4  | 73.5  |  |  | 20 | 168.2  | 53.4  |  |  | 23 | 159.8  | 60.9  |  |  | 0.916  |  |
| 9M | 29 | 157.3  | 56.8  |  |  | 17 | 148.4  | 28.8  |  |  | 21 | 173.7  | 61.0  |  |  | 0.322  |  |
| 12M | 31 | 175.3  | 72.3  |  |  | 24 | 161.8  | 44.5  |  |  | 27 | 165.4  | 57.3  |  |  | 0.683  |  |
| Δ3M | 29 | -26.2  | 49.9  | 0.009  | ‡ | 18 | -46.4  | 71.0  | 0.013  | ‡ | 25 | -9.3  | 52.2  | 0.381  |  | 0.113  |  |
| Δ6M | 28 | -23.8  | 44.2  | 0.008  | ‡ | 18 | 0.0  | 67.9  | 1.000  |  | 22 | -9.9  | 67.8  | 0.502  |  | 0.400  |  |
| Δ9M | 25 | -22.4  | 55.3  | 0.054  |  | 14 | -17.9  | 40.9  | 0.125  |  | 19 | 10.2  | 70.1  | 0.534  |  | 0.164  |  |
| Δ12M | 28 | -7.3  | 63.5  | 0.547  | 　 | 20 | -26.8  | 79.4  | 0.147  | 　 | 24 | -1.3  | 76.3  | 0.937  | 　 | 0.487  | 　 |
| TC (mg/dL) | 0M | 54 | 202.9  | 36.1  |  |  | 26 | 198.2  | 33.5  |  |  | 30 | 179.7  | 25.1  |  |  | 0.009  | † |
| 3M | 45 | 195.9  | 39.3  |  |  | 21 | 190.9  | 23.5  |  |  | 26 | 183.9  | 34.8  |  |  | 0.380  |  |
| 6M | 36 | 184.9  | 35.4  |  |  | 21 | 190.1  | 31.0  |  |  | 23 | 179.7  | 27.7  |  |  | 0.566  |  |
| 9M | 35 | 187.5  | 33.4  |  |  | 15 | 181.9  | 23.6  |  |  | 19 | 174.2  | 28.6  |  |  | 0.310  |  |
| 12M | 42 | 190.2  | 36.2  |  |  | 18 | 192.1  | 34.9  |  |  | 20 | 178.2  | 29.1  |  |  | 0.362  |  |
| Δ3M | 44 | -7.0  | 31.4  | 0.150  |  | 21 | -9.0  | 28.5  | 0.161  |  | 23 | 6.4  | 29.0  | 0.302  |  | 0.160  |  |
| Δ6M | 36 | -19.9  | 40.8  | 0.006  | ‡ | 21 | -11.0  | 27.0  | 0.077  |  | 23 | -1.6  | 25.7  | 0.773  |  | 0.131  |  |
| Δ9M | 34 | -23.3  | 34.7  | <0.001 | ‡ | 15 | -9.9  | 21.7  | 0.100  |  | 18 | -1.1  | 24.2  | 0.848  |  | 0.036  | † |
| Δ12M | 40 | -18.8  | 34.0  | 0.001  | ‡ | 18 | -5.1  | 20.6  | 0.313  | 　 | 20 | 0.9  | 25.7  | 0.884  | 　 | 0.039  | † |
| LDL-C (mg/dL) | 0M | 61 | 121.7  | 29.1  |  |  | 45 | 115.2  | 29.5  |  |  | 51 | 106.4  | 24.3  |  |  | 0.016  | † |
| 3M | 51 | 116.0  | 28.6  |  |  | 40 | 111.0  | 30.2  |  |  | 37 | 105.1  | 26.1  |  |  | 0.212  |  |
| 6M | 47 | 109.0  | 29.9  |  |  | 34 | 111.9  | 28.2  |  |  | 38 | 100.9  | 26.0  |  |  | 0.226  |  |
| 9M | 40 | 108.2  | 23.6  |  |  | 30 | 107.3  | 22.3  |  |  | 32 | 100.7  | 28.8  |  |  | 0.404  |  |
| 12M | 48 | 110.7  | 28.2  |  |  | 37 | 109.0  | 25.1  |  |  | 39 | 100.9  | 23.1  |  |  | 0.189  |  |
| Δ3M | 48 | -6.4  | 30.5  | 0.151  |  | 40 | -4.7  | 24.8  | 0.239  |  | 35 | 2.7  | 15.4  | 0.303  |  | 0.242  |  |
| Δ6M | 44 | -14.3  | 32.0  | 0.005  | ‡ | 34 | -3.3  | 20.5  | 0.351  |  | 37 | -5.4  | 22.5  | 0.154  |  | 0.137  |  |
| Δ9M | 38 | -17.3  | 29.7  | <0.001 | ‡ | 28 | -8.4  | 28.8  | 0.135  |  | 31 | -5.6  | 22.8  | 0.182  |  | 0.179  |  |
| Δ12M | 45 | -13.9  | 27.6  | 0.002  | ‡ | 37 | -6.2  | 33.1  | 0.258  | 　 | 36 | -5.4  | 21.8  | 0.145  | 　 | 0.315  | 　 |
| HDL-C (mg/dL) | 0M | 68 | 52.9  | 12.9  |  |  | 51 | 56.0  | 13.9  |  |  | 55 | 55.8  | 13.5  |  |  | 0.359  |  |
| 3M | 58 | 53.1  | 13.0  |  |  | 46 | 55.4  | 14.5  |  |  | 42 | 54.1  | 13.4  |  |  | 0.705  |  |
| 6M | 52 | 52.2  | 12.6  |  |  | 40 | 54.3  | 12.8  |  |  | 40 | 57.2  | 14.1  |  |  | 0.190  |  |
| 9M | 49 | 52.5  | 14.6  |  |  | 36 | 54.3  | 14.9  |  |  | 35 | 56.3  | 14.1  |  |  | 0.496  |  |
| 12M | 57 | 53.4  | 12.7  |  |  | 41 | 54.7  | 12.1  |  |  | 43 | 57.6  | 15.6  |  |  | 0.312  |  |
| Δ3M | 56 | 0.8  | 7.3  | 0.425  |  | 46 | -0.9  | 5.0  | 0.249  |  | 40 | 0.2  | 8.2  | 0.894  |  | 0.489  |  |
| Δ6M | 50 | 1.2  | 8.4  | 0.320  |  | 40 | -3.3  | 7.5  | 0.009  | ‡ | 40 | 2.0  | 8.0  | 0.132  |  | 0.008  | † |
| Δ9M | 46 | -0.4  | 8.0  | 0.742  |  | 35 | -1.5  | 7.9  | 0.265  |  | 35 | 1.1  | 7.4  | 0.370  |  | 0.364  |  |
| Δ12M | 53 | 1.3  | 8.8  | 0.299  | 　 | 41 | -2.2  | 7.0  | 0.048  | ‡ | 41 | 1.3  | 7.7  | 0.282  | 　 | 0.066  | 　 |
| TG (mg/dL) | 0M | 68 | 178.6  | 119.5  |  |  | 51 | 163.6  | 113.8  |  |  | 55 | 125.1  | 75.5  |  |  | 0.020  | † |
| 3M | 59 | 164.1  | 274.3  |  |  | 47 | 148.3  | 92.9  |  |  | 42 | 132.4  | 88.2  |  |  | 0.701  |  |
| 6M | 52 | 169.9  | 110.8  |  |  | 41 | 159.1  | 102.7  |  |  | 41 | 117.5  | 76.3  |  |  | 0.035  | † |
| 9M | 49 | 151.4  | 66.4  |  |  | 37 | 146.3  | 81.3  |  |  | 35 | 119.6  | 69.4  |  |  | 0.120  |  |
| 12M | 57 | 150.7  | 75.3  |  |  | 42 | 145.2  | 86.1  |  |  | 43 | 123.4  | 66.3  |  |  | 0.192  |  |
| Δ3M | 57 | -16.3  | 211.1  | 0.563  |  | 47 | -14.1  | 110.6  | 0.388  |  | 40 | -1.4  | 82.7  | 0.914  |  | 0.887  |  |
| Δ6M | 51 | -27.6  | 124.6  | 0.120  |  | 41 | 4.0  | 99.7  | 0.796  |  | 41 | -4.9  | 77.9  | 0.691  |  | 0.323  |  |
| Δ9M | 47 | -35.7  | 105.3  | 0.024  | ‡ | 36 | -12.7  | 68.9  | 0.278  |  | 35 | 6.6  | 57.7  | 0.505  |  | 0.074  |  |
| Δ12M | 53 | -32.5  | 117.7  | 0.050  | ‡ | 42 | -9.9  | 74.7  | 0.396  | 　 | 41 | 6.4  | 67.7  | 0.546  | 　 | 0.126  | 　 |
| GOT(IU/L) | 0M | 62 | 30.8  | 18.2  |  |  | 45 | 24.5  | 9.5  |  |  | 52 | 26.2  | 12.9  |  |  | 0.064  |  |
| 3M | 52 | 28.7  | 18.0  |  |  | 38 | 24.9  | 12.2  |  |  | 40 | 27.0  | 11.4  |  |  | 0.489  |  |
| 6M | 48 | 28.1  | 16.4  |  |  | 36 | 25.4  | 13.0  |  |  | 38 | 24.6  | 8.4  |  |  | 0.451  |  |
| 9M | 43 | 29.3  | 18.7  |  |  | 27 | 26.0  | 12.5  |  |  | 29 | 27.9  | 23.3  |  |  | 0.785  |  |
| 12M | 52 | 28.1  | 16.9  |  |  | 34 | 29.9  | 21.2  |  |  | 39 | 26.1  | 12.4  |  |  | 0.629  |  |
| Δ3M | 50 | -2.6  | 18.4  | 0.324  |  | 36 | 0.6  | 8.2  | 0.657  |  | 38 | -0.2  | 5.7  | 0.821  |  | 0.483  |  |
| Δ6M | 44 | -0.4  | 16.2  | 0.882  |  | 35 | 1.0  | 11.5  | 0.610  |  | 37 | -2.6  | 9.3  | 0.097  |  | 0.492  |  |
| Δ9M | 41 | -1.6  | 12.2  | 0.396  |  | 26 | 1.7  | 10.4  | 0.415  |  | 29 | 2.1  | 10.5  | 0.283  |  | 0.309  |  |
| Δ12M | 47 | -3.1  | 16.2  | 0.197  | 　 | 34 | 5.0  | 15.4  | 0.067  | 　 | 38 | -1.1  | 13.1  | 0.607  | 　 | 0.056  | 　 |
| GPT(IU/L) | 0M | 66 | 36.7  | 24.8  |  |  | 50 | 25.6  | 15.5  |  |  | 54 | 23.3  | 16.8  |  |  | <0.001 | † |
| 3M | 58 | 31.4  | 18.5  |  |  | 43 | 23.3  | 15.0  |  |  | 41 | 22.8  | 15.9  |  |  | 0.016  | † |
| 6M | 53 | 34.1  | 33.3  |  |  | 39 | 26.9  | 17.3  |  |  | 40 | 19.6  | 12.0  |  |  | 0.018  | † |
| 9M | 47 | 32.7  | 21.4  |  |  | 31 | 26.7  | 16.0  |  |  | 31 | 23.9  | 15.2  |  |  | 0.101  |  |
| 12M | 58 | 32.7  | 24.9  |  |  | 37 | 30.5  | 24.2  |  |  | 39 | 20.2  | 9.6  |  |  | 0.017  | † |
| Δ3M | 55 | -6.3  | 19.9  | 0.022  | ‡ | 41 | -1.1  | 9.1  | 0.446  |  | 39 | -0.9  | 7.4  | 0.426  |  | 0.106  |  |
| Δ6M | 49 | -0.3  | 33.9  | 0.950  |  | 39 | 1.5  | 10.6  | 0.380  |  | 38 | -3.1  | 12.1  | 0.123  |  | 0.674  |  |
| Δ9M | 44 | -4.2  | 18.6  | 0.143  |  | 29 | 1.1  | 9.5  | 0.535  |  | 30 | 1.6  | 8.4  | 0.293  |  | 0.138  |  |
| Δ12M | 52 | -5.0  | 21.9  | 0.103  | 　 | 37 | 4.2  | 14.8  | 0.094  | 　 | 38 | -2.8  | 13.8  | 0.213  | 　 | 0.053  | 　 |
| γ-GPT(IU/L) | 0M | 61 | 57.8  | 48.0  |  |  | 49 | 40.3  | 38.2  |  |  | 53 | 44.4  | 76.5  |  |  | 0.234  |  |
| 3M | 52 | 51.5  | 51.0  |  |  | 41 | 42.0  | 47.4  |  |  | 40 | 50.2  | 76.3  |  |  | 0.719  |  |
| 6M | 49 | 55.4  | 50.8  |  |  | 37 | 52.6  | 69.6  |  |  | 39 | 44.1  | 58.2  |  |  | 0.659  |  |
| 9M | 43 | 52.6  | 45.8  |  |  | 29 | 59.1  | 94.4  |  |  | 30 | 69.8  | 144.0  |  |  | 0.760  |  |
| 12M | 52 | 49.2  | 44.8  |  |  | 36 | 55.6  | 84.5  |  |  | 38 | 42.7  | 69.9  |  |  | 0.705  |  |
| Δ3M | 49 | -7.7  | 20.2  | 0.010  | ‡ | 38 | 2.1  | 21.7  | 0.563  |  | 39 | -0.5  | 18.6  | 0.864  |  | 0.065  |  |
| Δ6M | 45 | -4.0  | 19.2  | 0.171  |  | 36 | 9.0  | 41.4  | 0.202  |  | 39 | -6.8  | 40.7  | 0.305  |  | 0.113  |  |
| Δ9M | 41 | -4.4  | 18.5  | 0.135  |  | 26 | 13.7  | 74.5  | 0.358  |  | 30 | 14.7  | 58.8  | 0.182  |  | 0.222  |  |
| Δ12M | 47 | -4.3  | 22.8  | 0.200  | 　 | 35 | 10.8  | 64.6  | 0.328  | 　 | 38 | 1.1  | 78.0  | 0.934  | 　 | 0.502  | 　 |
| Serum amylase(IU/L) | 0M | 23 | 57.7  | 24.0  |  |  | 8 | 69.3  | 22.5  |  |  | 7 | 81.1  | 26.1  |  |  | 0.078  |  |
| 3M | 14 | 66.6  | 21.8  |  |  | 7 | 80.9  | 24.6  |  |  | 6 | 83.3  | 24.4  |  |  | 0.239  |  |
| 6M | 10 | 71.5  | 25.8  |  |  | 6 | 69.0  | 25.5  |  |  | 6 | 84.5  | 24.4  |  |  | 0.520  |  |
| 9M | 4 | 66.8  | 15.1  |  |  | 0 | N/A | N/A |  |  | 3 | 71.3  | 2.1  |  |  | N/A |  |
| 12M | 9 | 57.8  | 16.4  |  |  | 6 | 76.2  | 26.4  |  |  | 2 | 105.0  | 36.8  |  |  | 0.041  | † |
| Δ3M | 13 | 9.5  | 10.4  | 0.006  | ‡ | 6 | 16.5  | 25.7  | 0.177  |  | 6 | -2.2  | 16.3  | 0.758  |  | 0.159  |  |
| Δ6M | 10 | 9.2  | 9.1  | 0.011  | ‡ | 5 | 20.2  | 20.7  | 0.095  |  | 4 | -1.5  | 17.3  | 0.873  |  | 0.112  |  |
| Δ9M | 4 | 2.3  | 8.3  | 0.624  |  | 0 | N/A | N/A | N/A |  | 3 | -3.3  | 32.9  | 0.877  |  | N/A |  |
| Δ12M | 8 | 3.5  | 9.4  | 0.329  | 　 | 5 | 15.2  | 26.9  | 0.275  | 　 | 1 | -31.0  | N/A | N/A | 　 | 0.099  | 　 |
| Serum creatinine (mg/dL) | 0M | 68 | 0.68  | 0.14  |  |  | 49 | 0.71  | 0.24  |  |  | 55 | 0.74  | 0.22  |  |  | 0.203  |  |
| 3M | 57 | 0.71  | 0.17  |  |  | 43 | 0.73  | 0.23  |  |  | 45 | 0.82  | 0.44  |  |  | 0.172  |  |
| 6M | 53 | 0.70  | 0.15  |  |  | 39 | 0.74  | 0.25  |  |  | 44 | 0.78  | 0.21  |  |  | 0.161  |  |
| 9M | 48 | 0.72  | 0.14  |  |  | 34 | 0.75  | 0.30  |  |  | 36 | 0.72  | 0.20  |  |  | 0.876  |  |
| 12M | 57 | 0.74  | 0.13  |  |  | 38 | 0.76  | 0.28  |  |  | 43 | 0.76  | 0.18  |  |  | 0.797  |  |
| Δ3M | 54 | 0.04  | 0.08  | <0.001 | ‡ | 42 | 0.00  | 0.09  | 0.850  |  | 43 | 0.03  | 0.13  | 0.184  |  | 0.189  |  |
| Δ6M | 49 | 0.03  | 0.08  | 0.030  | ‡ | 39 | 0.03  | 0.11  | 0.135  |  | 42 | 0.01  | 0.11  | 0.665  |  | 0.585  |  |
| Δ9M | 45 | 0.05  | 0.08  | <0.001 | ‡ | 32 | 0.04  | 0.08  | 0.013  | ‡ | 35 | 0.00  | 0.08  | 0.806  |  | 0.040  | † |
| Δ12M | 51 | 0.06  | 0.07  | <0.001 | ‡ | 38 | 0.03  | 0.08  | 0.047  | ‡ | 41 | 0.01  | 0.11  | 0.772  | 　 | 0.011  | † |
| SBP (mmHg) | 0M | 81 | 133.7  | 17.4  |  |  | 58 | 131.9  | 13.4  |  |  | 70 | 137.9  | 22.1  |  |  | 0.152  |  |
| 3M | 76 | 129.2  | 14.2  |  |  | 57 | 131.2  | 13.9  |  |  | 67 | 134.7  | 17.5  |  |  | 0.099  |  |
| 6M | 69 | 130.9  | 12.9  |  |  | 56 | 131.8  | 12.7  |  |  | 63 | 137.8  | 16.7  |  |  | 0.012  | † |
| 9M | 64 | 131.0  | 13.3  |  |  | 52 | 131.8  | 12.6  |  |  | 63 | 133.1  | 16.3  |  |  | 0.698  |  |
| 12M | 71 | 132.4  | 18.1  |  |  | 54 | 129.9  | 10.9  |  |  | 63 | 135.0  | 19.2  |  |  | 0.269  |  |
| Δ3M | 74 | -4.1  | 16.5  | 0.034  | ‡ | 56 | -0.2  | 13.7  | 0.915  |  | 67 | -3.6  | 17.8  | 0.107  |  | 0.353  |  |
| Δ6M | 69 | -3.1  | 15.5  | 0.098  |  | 55 | -0.5  | 12.5  | 0.781  |  | 61 | -0.3  | 18.7  | 0.908  |  | 0.520  |  |
| Δ9M | 64 | -3.3  | 16.5  | 0.118  |  | 51 | -0.4  | 14.8  | 0.865  |  | 62 | -4.5  | 21.5  | 0.104  |  | 0.464  |  |
| Δ12M | 71 | -1.8  | 18.1  | 0.394  | 　 | 53 | -2.2  | 15.4  | 0.296  | 　 | 62 | -4.4  | 20.7  | 0.102  | 　 | 0.708  | 　 |
| DBP (mmHg) | 0M | 81 | 79.4  | 11.4  |  |  | 58 | 73.4  | 10.8  |  |  | 70 | 74.3  | 10.8  |  |  | 0.002  | † |
| 3M | 76 | 76.9  | 11.9  |  |  | 57 | 74.7  | 8.9  |  |  | 67 | 73.0  | 9.7  |  |  | 0.077  |  |
| 6M | 69 | 77.5  | 11.0  |  |  | 56 | 74.6  | 9.6  |  |  | 62 | 73.2  | 7.8  |  |  | 0.034  | † |
| 9M | 63 | 78.2  | 11.6  |  |  | 52 | 73.5  | 8.3  |  |  | 63 | 72.2  | 9.7  |  |  | 0.003  | † |
| 12M | 71 | 79.1  | 11.4  |  |  | 54 | 74.0  | 8.0  |  |  | 63 | 73.0  | 10.0  |  |  | <0.001 | † |
| Δ3M | 74 | -2.1  | 9.3  | 0.059  |  | 56 | 1.9  | 9.4  | 0.147  |  | 67 | -1.8  | 13.2  | 0.267  |  | 0.086  |  |
| Δ6M | 69 | -2.0  | 8.0  | 0.038  | ‡ | 55 | 1.3  | 8.2  | 0.252  |  | 60 | -1.1  | 11.8  | 0.459  |  | 0.144  |  |
| Δ9M | 63 | -1.2  | 11.1  | 0.392  |  | 51 | 0.5  | 9.2  | 0.694  |  | 62 | -1.8  | 11.6  | 0.220  |  | 0.503  |  |
| Δ12M | 71 | -0.4  | 9.6  | 0.704  | 　 | 53 | 0.1  | 10.0  | 0.956  | 　 | 62 | -1.4  | 9.6  | 0.262  | 　 | 0.713  | 　 |
| Body weight (kg) | 0M | 78 | 73.28  | 14.81  |  |  | 52 | 61.58  | 8.64  |  |  | 64 | 58.24  | 10.71  |  |  | <0.001 | † |
| 3M | 64 | 71.15  | 13.00  |  |  | 46 | 60.79  | 8.22  |  |  | 50 | 57.87  | 11.45  |  |  | <0.001 | † |
| 6M | 58 | 72.34  | 13.47  |  |  | 44 | 60.84  | 8.59  |  |  | 50 | 57.35  | 11.30  |  |  | <0.001 | † |
| 9M | 55 | 73.57  | 13.91  |  |  | 38 | 59.79  | 9.05  |  |  | 47 | 58.76  | 11.16  |  |  | <0.001 | † |
| 12M | 60 | 75.50  | 15.41  |  |  | 45 | 60.98  | 9.39  |  |  | 48 | 58.22  | 10.55  |  |  | <0.001 | † |
| Δ3M | 63 | -0.21  | 2.11  | 0.429  |  | 45 | 0.15  | 2.42  | 0.686  |  | 49 | -0.37  | 1.46  | 0.081  |  | 0.451  |  |
| Δ6M | 58 | 0.13  | 2.59  | 0.714  |  | 43 | 0.72  | 4.99  | 0.351  |  | 48 | -0.17  | 1.56  | 0.465  |  | 0.424  |  |
| Δ9M | 55 | 0.01  | 2.58  | 0.985  |  | 37 | -0.24  | 2.15  | 0.495  |  | 46 | 0.09  | 2.53  | 0.817  |  | 0.821  |  |
| Δ12M | 60 | 0.51  | 3.03  | 0.201  | 　 | 44 | -0.20  | 2.34  | 0.574  | 　 | 47 | -0.43  | 2.90  | 0.317  | 　 | 0.198  | 　 |
| BMI (kg/m2) | 0M | 64 | 26.69  | 4.61  |  |  | 48 | 24.28  | 2.68  |  |  | 53 | 23.84  | 3.43  |  |  | <0.001 | † |
| 3M | 51 | 26.20  | 3.89  |  |  | 41 | 23.95  | 2.59  |  |  | 40 | 23.48  | 3.62  |  |  | <0.001 | † |
| 6M | 45 | 26.61  | 3.90  |  |  | 39 | 23.98  | 2.70  |  |  | 39 | 23.50  | 3.37  |  |  | <0.001 | † |
| 9M | 41 | 26.76  | 3.71  |  |  | 34 | 23.31  | 2.27  |  |  | 37 | 23.89  | 3.26  |  |  | <0.001 | † |
| 12M | 46 | 27.48  | 4.68  |  |  | 40 | 23.78  | 2.63  |  |  | 39 | 23.90  | 3.08  |  |  | <0.001 | † |
| Δ3M | 50 | 0.00  | 0.60  | 0.992  |  | 41 | 0.07  | 1.02  | 0.669  |  | 40 | -0.19  | 0.62  | 0.059  |  | 0.283  |  |
| Δ6M | 45 | 0.08  | 0.93  | 0.574  |  | 39 | 0.34  | 2.13  | 0.322  |  | 38 | -0.11  | 0.67  | 0.315  |  | 0.354  |  |
| Δ9M | 41 | 0.04  | 0.97  | 0.779  |  | 34 | -0.05  | 0.83  | 0.741  |  | 37 | 0.06  | 1.05  | 0.712  |  | 0.874  |  |
| Δ12M | 46 | 0.16  | 1.05  | 0.303  | 　 | 40 | -0.07  | 0.90  | 0.633  | 　 | 39 | -0.20  | 1.29  | 0.346  | 　 | 0.307  | 　 |

‡p<0.05 vs.0Month paired t-test,†p<0.05 ANOVA

M: month; TC: Total cholesterol; HDL: high-density lipoprotein - cholesterol; LDL: low-density lipoprotein - cholesterol; GOT: glutamate oxaloacetate transaminase; GTP: glutamate pyruvate transaminase; γ-GTP: γ-glutamyltranspeptidase; SBP; Systolic blood pressure; DBP: Diastolic blood pressure; BMI: Body mass index