1. 資料TC若符合常態分佈假設，檢定HbA1c在BMI分層有無差異。

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | HbA1c | | DF | t value | Pr > |t| | 接受或拒絕H0 |
|  | <5.6 | >=5.6 |  |  |  |  |
| TC(Mean±SD) |  |  |  |  |  |  |
| BMI<18.5 | 183.50±29.87 | 182.50±36.11 | 120.92 | 023 | 0.8148 | 接受 |
| 18.5<=BMI<24 | 186.30±33.16 | 193.10±34.68 | 3368 | -5.54 | <0.0001 | 拒絕 |
| BMI>=24 | 190.20±32.85 | 195.60±35.48 | 2544 | -3.91 | <0.0001 | 拒絕 |

1. 資料TC若不符合常態分佈假設，檢定HbA1c在BMI分層有無差異。

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | HbA1c | | Z value | Pr > |Z| | 接受或拒絕H0 |
|  | <5.6 | >=5.6 |  |  |  |
| TC(Median, IQR) |  |  |  |  |  |
| BMI<18.5 | 179, 34 | 176, 42 | -0.89 | 0.3758 | 接受 |
| 18.5<=BMI<24 | 183, 42 | 190, 44 | 5.98 | <0.0001 | 拒絕 |
| BMI>=24 | 188, 43 | 193, 47 | -3.86 | 0.0001 | 拒絕 |

1. 資料IOPL及IOPR若符合常態分佈假設，檢定HbA1c在BMI分層在左右眼壓有無差異。

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Mean±SD | DF | t value | Pr > |t| | 接受或拒絕H0 |
| HbA1c<5.6 |  |  |  |  |  |
| IOPD(Mean±SD) |  |  |  |  | D:左右差距 |
| BMI<18.5 | 0.03±1.67 | 228 | 0.24 | 0.8125 | 接受 |
| 18.5<=BMI<24 | 0.16±1.72 | 2191 | 4.35 | <0.0001 | 拒絕 |
| BMI>=24 | 0.15±1.81 | 1111 | 2.77 | 0.0058 | 拒絕 |
| HbA1c>=5.6 |  |  |  |  |  |
| IOPD(Mean±SD) |  |  |  |  |  |
| BMI<18.5 | 0.07±1.77 | 80 | 0.38 | 0.7068 | 接受 |
| 18.5<=BMI<24 | 0.17±1.73 | 1181 | 3.46 | 0.0006 | 拒絕 |
| BMI>=24 | 0.19±1.95 | 1433 | 3.77 | 0.0002 | 拒絕 |

1. 資料IOPL及IOPR若不符合常態分佈假設，檢定HbA1c在BMI分層在左右眼壓有無差異。

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Median, IQR | S value | Pr > |S| | 接受或拒絕H0 |
| HbA1c<5.6 |  |  |  |  |
| IOPD |  |  |  | D:左右差距 |
| BMI<18.5 | 0, 2 | 313.5 | 0.5746 | 接受 |
| 18.5<=BMI<24 | 0, 2 | 92573.5 | <0.0001 | 拒絕 |
| BMI>=24 | 0, 2 | 18416.5 | 0.0058 | 拒絕 |
| HbA1c>=5.6 |  |  |  |  |
| IOPD |  |  |  |  |
| BMI<18.5 | 0, 2 | 62.5 | 0.6723 | 接受 |
| 18.5<=BMI<24 | 0, 2 | 26405 | 0.0002 | 拒絕 |
| BMI>=24 | 0, 2 | 40504.5 | <0.0001 | 拒絕 |