***The demographic characteristics of the studied groups***

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| --- | --- | --- | --- | --- |
|  | **Healthy (n = 30)** | **Pre-diabetes(n=30)** | **T2DM (n =30)** | **P-value** |
| **Age (years) a** | 55.37 ± 8.47 | 54.86 ± 6.38 | 53.03 ± 9.66 | 0.76 |
| **BMI a** | 29.8 ± 2.89 | 30.17 ± 2.98 | 30.27 ± 3.11 | 0.82 |
| **Male b** | 15 (50) | 15 (50) | 15 (50) | 1 |
| **Married b** | 21 (70) | 23 (76.7) | 20 (66.7) | 0.68 |
| **University educated b** | 15 (50) | 17 (56.7) | 14 (46.7) | 0.73 |
| **Presence of family history of diabetes b** | 10 (33.3) | 12 (40) | 11 (36.7) | 0.87 |

a: Mean±SD

b: Frequency (percent)