**Table 1: Descriptive Statistics of mean age at menarche of the participants, their sisters and mothers and BMI**

|  | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| Age | 500 | 9 | 18 | 14.69 | 2.25 |
| Height | 500 | 102.50 | 182.88 | 1.50 | 11.14 |
| Weight | 500 | 30.00 | 72.00 | 45.14 | 6.75 |
| ageM | 438 | 9.00 | 16.00 | 12.56 | 1.12 |
| Momage | 500 | 11.00 | 19.00 | 14.30 | 1.58 |
| Sisterage | 231 | 10.00 | 17.00 | 12.96 | 1.25 |
| BMI | 500 | 12.92 | 38.07 | 20.08 | 3.41 |

**Table 2: Mean age at menarche according to habit.**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Habit | N | Mean | Std. Deviation | Std. Error Mean | t- test | P |
| Veg | 54 | 12.42 | 1.02 | 0.13 | 1.00 | 0.31 |
| Non. Veg | 380 | 12.58 | 1.13 | 0.05 |  |  |

**Table 3: Mean age at menarche according to income**

|  | | | | | |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | income1 | N | Mean | Std. Deviation | Std. Error Mean | P | t- test |
| ageM | below 30 thousand | 294 | 12.59 | 1.13 | 0.06 | 0.77 | 0.44 |
| 30 and Above | 144 | 12.50 | 1.11 | 0.09 |  |  |

**Table 4: Relationship between age at menarche with various variables**

|  |  |  |  |
| --- | --- | --- | --- |
| Statistics | Variables | | |
|  | BMI | Sister Age | Mother Age |
| Correlation | 0.079 | 0.02 | 0.26 |
| P value | 0.10 | 0.00 | 0.00 |

Correlation is significant at the 0.01 level (2-tailed).

**Table 5: Comparision of age at menarche with race.**

|  |  |  |
| --- | --- | --- |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Race | Mean | N | Std. Deviation | F | P |
| Brahmin Chhetri Newar  Rai  Limbu  Lama  Gurungs  Others  Total | 12.58  12.74  12.30  12.60  13.33  12.42  12.66  12.60  12.56 | 60  74  42  30  6  104  15  107  438 | 1.25  1.07  1.47  .89  1.63  1.09  .81  1.01  1.12 | 1.25 | 0.27 |

**Table 6: The Spearman’s rank correlation coefficient between age at menarche and income.**

|  |  |  |
| --- | --- | --- |
| Variables | r value | P |
| Income | 0.010 | 0.84 |