Table 1. Correlation Matrix

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | All | | Males | | Females | |
|  | r | p | r | p | r | p |
| US with Skin |  |  |  |  |  |  |
| Triceps | 0.84 | 0.00 | 0.90 | 0.00 | 0.66 | 0.00 |
| Subscapular | 0.80 | 0.00 | 0.73 | 0.00 | 0.87 | 0.00 |
| Biceps | 0.90 | 0.00 | 0.93 | 0.00 | 0.84 | 0.00 |
| Ileac crest | 0.75 | 0.00 | 0.87 | 0.00 | 0.68 | 0.00 |
| Supraspinale | 0.77 | 0.00 | 0.83 | 0.00 | 0.71 | 0.00 |
| Abdominal | 0.67 | 0.00 | 0.75 | 0.00 | 0.56 | 0.00 |
| Thigh | 0.93 | 0.00 | 0.93 | 0.00 | 0.87 | 0.00 |
| Calf | 0.95 | 0.00 | 0.95 | 0.00 | 0.92 | 0.00 |
| US without Skin |  |  |  |  |  |  |
| Triceps | 0.85 | 0.00 | 0.90 | 0.00 | 0.66 | 0.00 |
| Subscapular | 0.83 | 0.00 | 0.76 | 0.00 | 0.90 | 0.00 |
| Biceps | 0.90 | 0.00 | 0.92 | 0.00 | 0.85 | 0.00 |
| Ileac crest | 0.77 | 0.00 | 0.89 | 0.00 | 0.71 | 0.00 |
| Supraspinale | 0.78 | 0.00 | 0.84 | 0.00 | 0.73 | 0.00 |
| Abdominal | 0.68 | 0.00 | 0.76 | 0.00 | 0.56 | 0.00 |
| Thigh | 0.93 | 0.00 | 0.94 | 0.00 | 0.88 | 0.00 |
| Calf | 0.94 | 0.00 | 0.95 | 0.00 | 0.91 | 0.00 |
| US with Skin\*2 |  |  |  |  |  |  |
| Triceps | 0.84 | 0.00 | 0.90 | 0.00 | 0.66 | 0.00 |
| Subscapular | 0.80 | 0.00 | 0.73 | 0.00 | 0.87 | 0.00 |
| Biceps | 0.90 | 0.00 | 0.93 | 0.00 | 0.84 | 0.00 |
| Ileac crest | 0.75 | 0.00 | 0.87 | 0.00 | 0.68 | 0.00 |
| Supraspinale | 0.77 | 0.00 | 0.83 | 0.00 | 0.71 | 0.00 |
| Abdominal | 0.67 | 0.00 | 0.75 | 0.00 | 0.56 | 0.00 |
| Thigh | 0.93 | 0.00 | 0.93 | 0.00 | 0.87 | 0.00 |
| Calf | 0.95 | 0.00 | 0.95 | 0.00 | 0.92 | 0.00 |
| US without Skin\*2 |  |  |  |  |  |  |
| Triceps | 0.85 | 0.00 | 0.90 | 0.00 | 0.66 | 0.00 |
| Subscapular | 0.83 | 0.00 | 0.76 | 0.00 | 0.90 | 0.00 |
| Biceps | 0.90 | 0.00 | 0.92 | 0.00 | 0.85 | 0.00 |
| Ileac crest | 0.77 | 0.00 | 0.89 | 0.00 | 0.71 | 0.00 |
| Supraspinale | 0.78 | 0.00 | 0.84 | 0.00 | 0.73 | 0.00 |
| Abdominal | 0.68 | 0.00 | 0.76 | 0.00 | 0.56 | 0.00 |
| Thigh | 0.93 | 0.00 | 0.94 | 0.00 | 0.88 | 0.00 |
| Calf | 0.94 | 0.00 | 0.95 | 0.00 | 0.91 | 0.00 |