

| Female | Male |
|--------|------|
| 26     | 23   |
| 25     | 30   |
| 43     | 18   |
| 34     | 25   |
| 18     | 28   |
| 52     |      |

F-Test Two-Sample for Variances

|                     | <i>Variable 1</i> | <i>Variable 2</i> |
|---------------------|-------------------|-------------------|
| Mean                | 33                | 24.8              |
| Variance            | 160               | 21.7              |
| Observations        | 6                 | 5                 |
| df                  | 5                 | 4                 |
| F                   | 7.373271889       |                   |
| P(F<=f) one-tail    | 0.037888376       |                   |
| F Critical one-tail | 6.256056502       |                   |