Social Computing Homework 1 Write Up

1. Hypotheses
   1. null: There is no significant different in sentence length between male and female chat participants.
   2. null: There is no significant different in the quantity of pronoun usage between male and female chat participants

|  |  |  |  |
| --- | --- | --- | --- |
| Male Participants | # of Pronouns | Female Participants | # of Pronouns |
| Matthew | 14 | Caroline | 12 |
| Josh | 26 | Cinthia | 22 |
| Luke | 32 | Rebecca | 26 |
| Jake | 39 | Eva | 28 |
| Ted | 39 | Julie | 29 |
| Aaron | 54 | Judith | 32 |
|  |  | Lynn | 77 |
|  |  | Ariel | 80 |
| Total | 204 | Total | 306 |
| Average | 34 | Average | 38.25 |

I chose to ignore the moderators pronouns, but they had used 19 pronouns

The *t*-value is -0.36773. The *p*-value is .359738. The result is *not* significant at *p* < .05.

Hypothesis 2b is not true for my dataset.