LENGTH OF RELATIONSHIP AND NUMBER OF PARENTS WITHIN A HOUSEHOLD

BBBS DATA
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INITIAL RESEARCH

Note: One parent female households are most common.
RESEARCH QUESTION

• Does the number of parents within a household effect the length of a BBBS relationship?

• $H_0: \mu = 0$
• $H_1: \mu \neq 0$

• $H_0$: The number of parents within a household effects the length of a BBBS relationship.
• $H_1$: The number of parents within a household does not effect the length of a BBBS relationship.
I eliminated cases where the child did not have only birth parents in the household including:
- Grandparents
- Other Relative
- Unknown

I then separated the number of parents in a household to 1 and 2.
FINAL DATA ANALYSIS

Count of Single Parent Households and Two Parent Households from Closed Relationships

Note: The number of single parent households is much greater than households with two parents.
Note: The percentage of single parent households is greater than the percentage of two parent households.
Note: The means of the lengths of BBBS relationships of one parent and two parent households are the same. The ranges of the relationship lengths are also similar. Both graphs are skewed to the right; implying that on average the relationships last longer.
RESULTS

<table>
<thead>
<tr>
<th>Number of Parents</th>
<th>N</th>
<th>Mean</th>
<th>Std. Deviation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Match Length in Months</td>
<td>1</td>
<td>238</td>
<td>27.01</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>46</td>
<td>28.96</td>
</tr>
</tbody>
</table>

Note: The means of the length of the relationship are about the same for one parent and two parent households. Due to the small number of two parent household cases, the variability is greater.
Because the calculated p-value is greater than the 0.05 level of significance, we fail to reject the null hypothesis. Therefore, the number of parents within a household does not effect the length of a BBBS relationship.
SUGGESTION FOR FUTURE RESEARCH

- Does having a single male parent compared to a single female parent affect the length of BBBS relationship?
Thank you for your time!