Abstract

To compare a child’s sleeping patterns with the age they began crawling and walking and their method of childcare.

Variables:

* # of hours of sleep at night
* age they began crawling
* age they began walking
* method of childcare

Purpose:

To see if there is a correlation between number of hours of sleep a child gets at night, their method of childcare and the amount of time they went from crawling to walking

Results:

Notes:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Crawl (months) | Walk (months) |  | Sleep time | wake time | # of hrs | Childcare |
| 2 | 7.53 | 11.28 | 3.75 | 20:30 | 7:00 | 10:30 | Person |
| 3 | 7.03 | 11.05 | 4.02 | 20:45 | 7:20 | 10:35 | Center |
| 5 | 8.48 | 11.57 | 3.09 | 19:30 | 6:30 | 11 | Both |
| 6 | 12.59 | 16.57 | 3.98 | 19:45 | 7:15 | 11:30 | Center |
| 7 | 7.2 | 11.67 | 4.47 | 20:30 | 7:00 | 10:30 | None |
| 9 | 8.1 | 13 | 4.9 | 16:00 | 6:45 | 14:45 | Person |
| 10 | 8 | 11.18 | 3.18 | 18:15 | 5:30 | 11:15 | Both |
| 11 | N/A | 12.06 | --- | 18:45 | 5:00 | 10:15 | Person |
| 12 | 7.46 | 12.49 | 5.03 | 19:20 | 6:00 | 10:40 | Center |
| 13 | 7.76 | 11.14 | 3.38 | 19:00 | 5:45 | 10:45 | Person |
| 14 | N/A | 12.16 | --- | 19:00 | 7:00 | 12 | Person |
| 15 | 7.13 | 11.24 | 4.11 | 20:00 | 6:00 | 10 | Person |
| 16 | 5.03 | 10.22 | 5.19 | 19:30 | 6:00 | 10:30 | None |
| 17 | 5.98 | 9.96 | 3.98 | 20:30 | 7:30 | 11 | Person |
| 18 | 8.68 | 14 | 5.32 | 18:45 | 5:30 | 10:45 | Center |
| 19 | 6.97 | 12.2 | 5.23 | 19:30 | 6:15 | 10:45 | Person |
| 20 | 8.97 | N/A | --- | 19:20 | 3:00 | 7:40 | Person |

Q. is there an age range for the questionnaire data collected?

Q. how can I have the # of hrs into a decimal so that it can be depicted on the plot better?

Q. how to make the scatterplot the way I had an idea to make it? (different colored plots for childcare data, x-axis # of sleep hrs, y-axis # of time taken to go from crawling to walking)

**Poster**

Methods