|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 100 | 100 |  |
| Treatment 2 | 110 | 80 |  |
|  |  |  |  |  |

Which Treatment would you choose and why?

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 100 | 100 |  |
| Treatment 2 | 110 | 80 |  |
|  |  |  |  |  |

Which Treatment would you choose and why?

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 100 | 100 |  |
| Treatment 2 | 110 | 80 |  |
|  |  |  |  |  |

Which Treatment would you choose and why?

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 100 | 100 |  |
| Treatment 2 | 110 | 80 |  |
|  |  |  |  |  |

Which Treatment would you choose and why?

Ages 18 - 40

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 60 | 20 |  |
| Treatment 2 | 100 | 50 |  |
|  |  |  |  |  |

Ages 40+

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 40 | 80 |  |
| Treatment 2 | 10 | 30 |  |
|  |  |  |  |  |

Ages 18 - 40

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 60 | 20 |  |
| Treatment 2 | 100 | 50 |  |
|  |  |  |  |  |

Ages 40+

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 40 | 80 |  |
| Treatment 2 | 10 | 30 |  |
|  |  |  |  |  |

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Given the two-way table below, which treatment would you choose and why?

|  |  |  |
| --- | --- | --- |
|  | Headache Pain |  |
| Improved | Did not Improve |  |
| Treatment | Treatment 1 | 100 | 100 |  |
| Treatment 2 | 110 | 80 |  |
|  |  |  |  |  |

1. Given the two-way tables now separated by age, verify these two-way tables describe the same data set as the one on the board.
2. Based on the two-ways tables separated by age, which treatment would you choose and why?
3. Did your choice of treatment change? \_\_\_\_\_\_\_
4. How can the same data lead to conflicting conclusions?