Categorical Data: Tables, Bar Charts, and Pie Charts

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Categorical Data

Classifies individuals or items into different groups

ID	Marital Status
62229	1
62230	3
62231	1
62232	1
62233	4
62234	5
…	…

*Marital Status is coded such that…

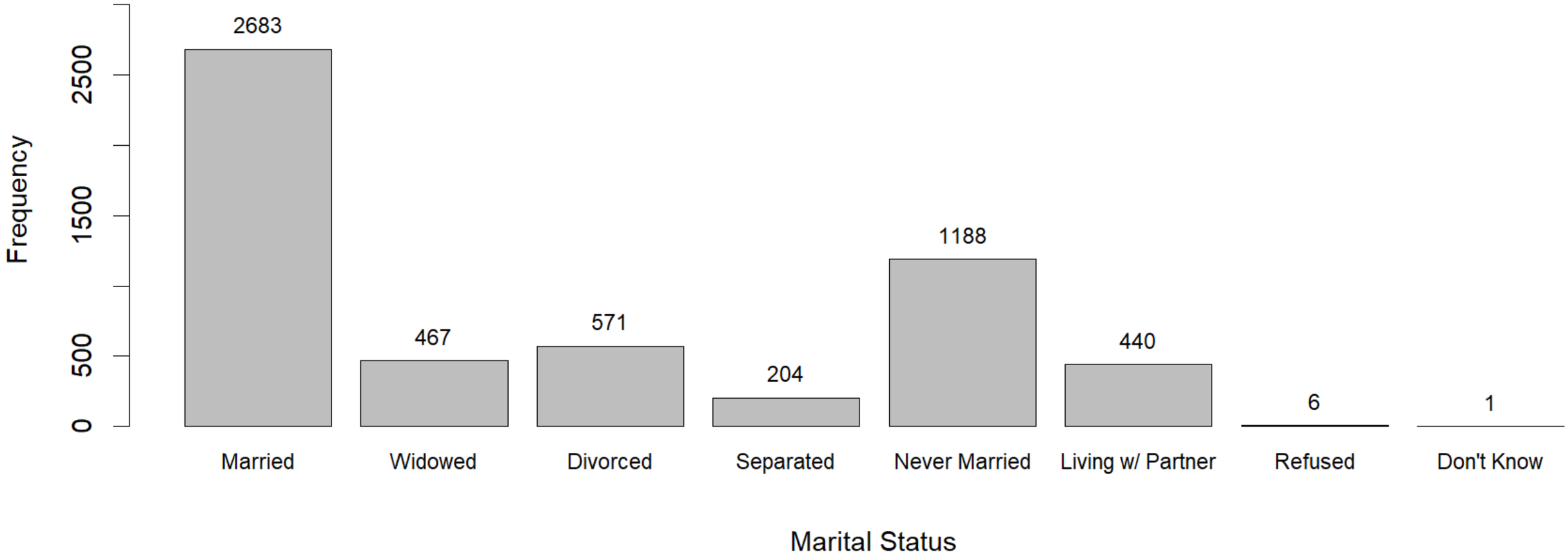
1: Married, 2: Widowed, 3: Divorced, 4: Separated, 5: Never Married, 6: Living w/ Partner, 7: Refused, 8: Don't Know

Frequency Table

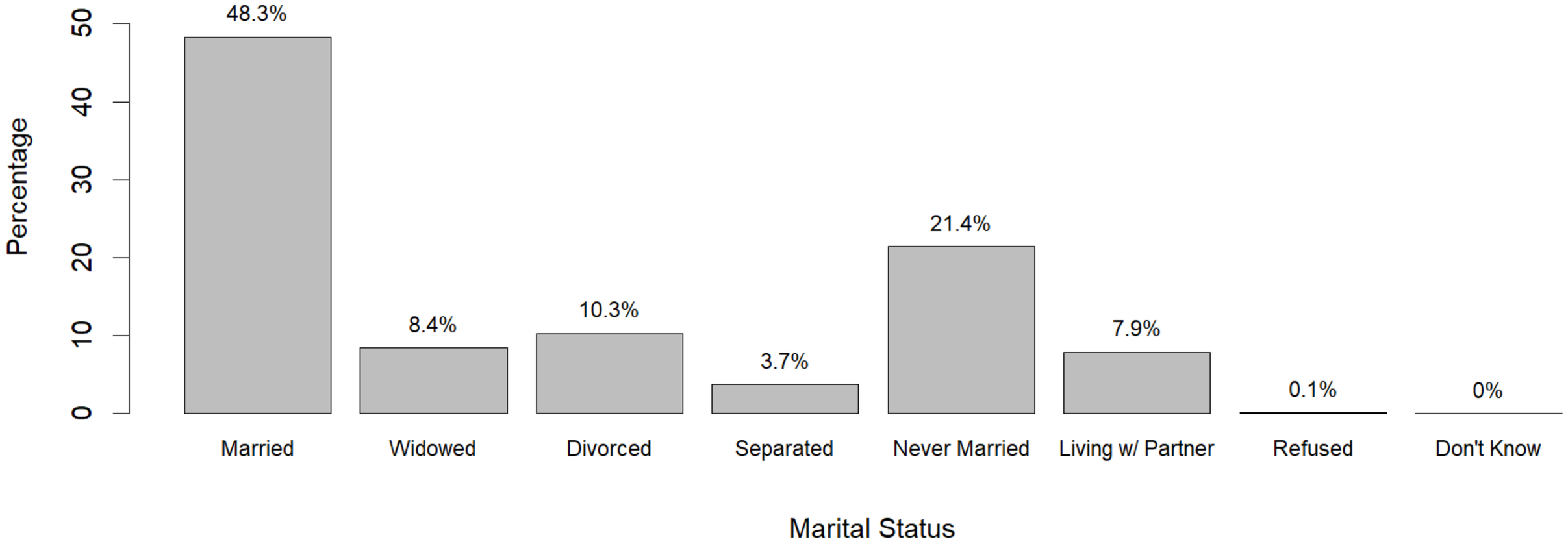
- Counts
- Percentages

Marital Status	Count	Percent
Married	2683	48.3%
Widowed	467	8.4%
Divorced	571	10.3%
Separated	204	3.7%
Never Married	1188	21.4%
Living w/ Partner	440	7.9%
Refused	6	0.1%
Don’t Know	1	0.0%
Total	5560	100%

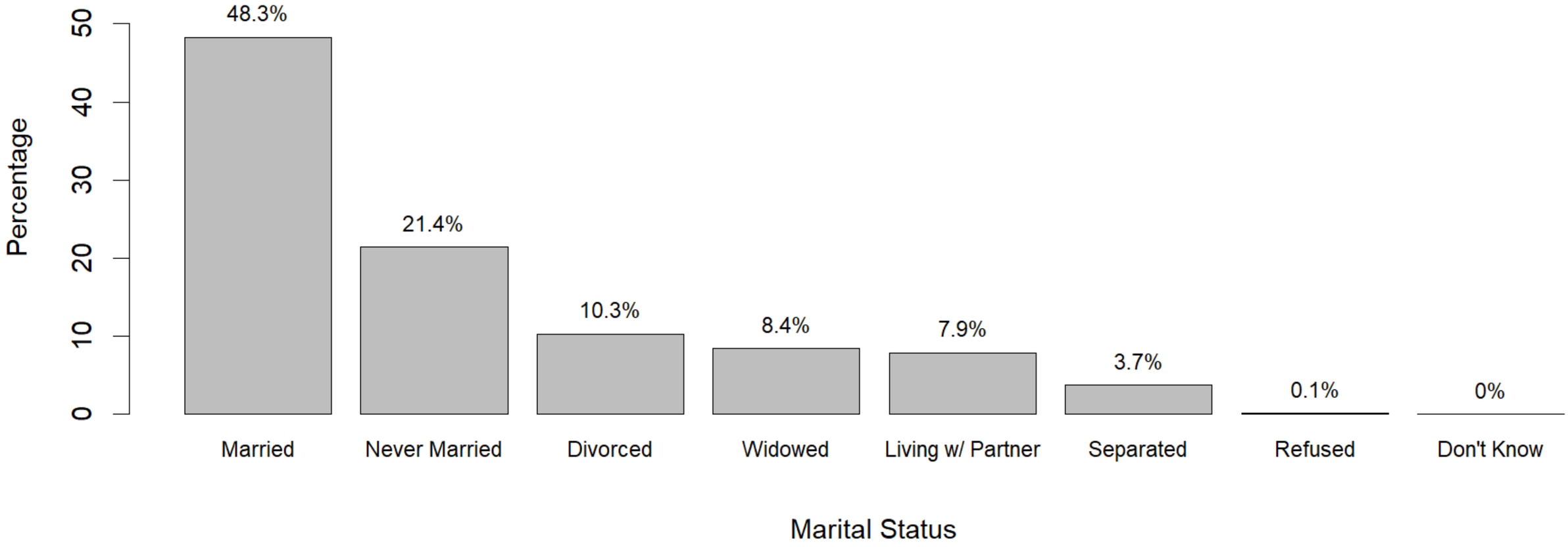
Bar Chart of Marital Status



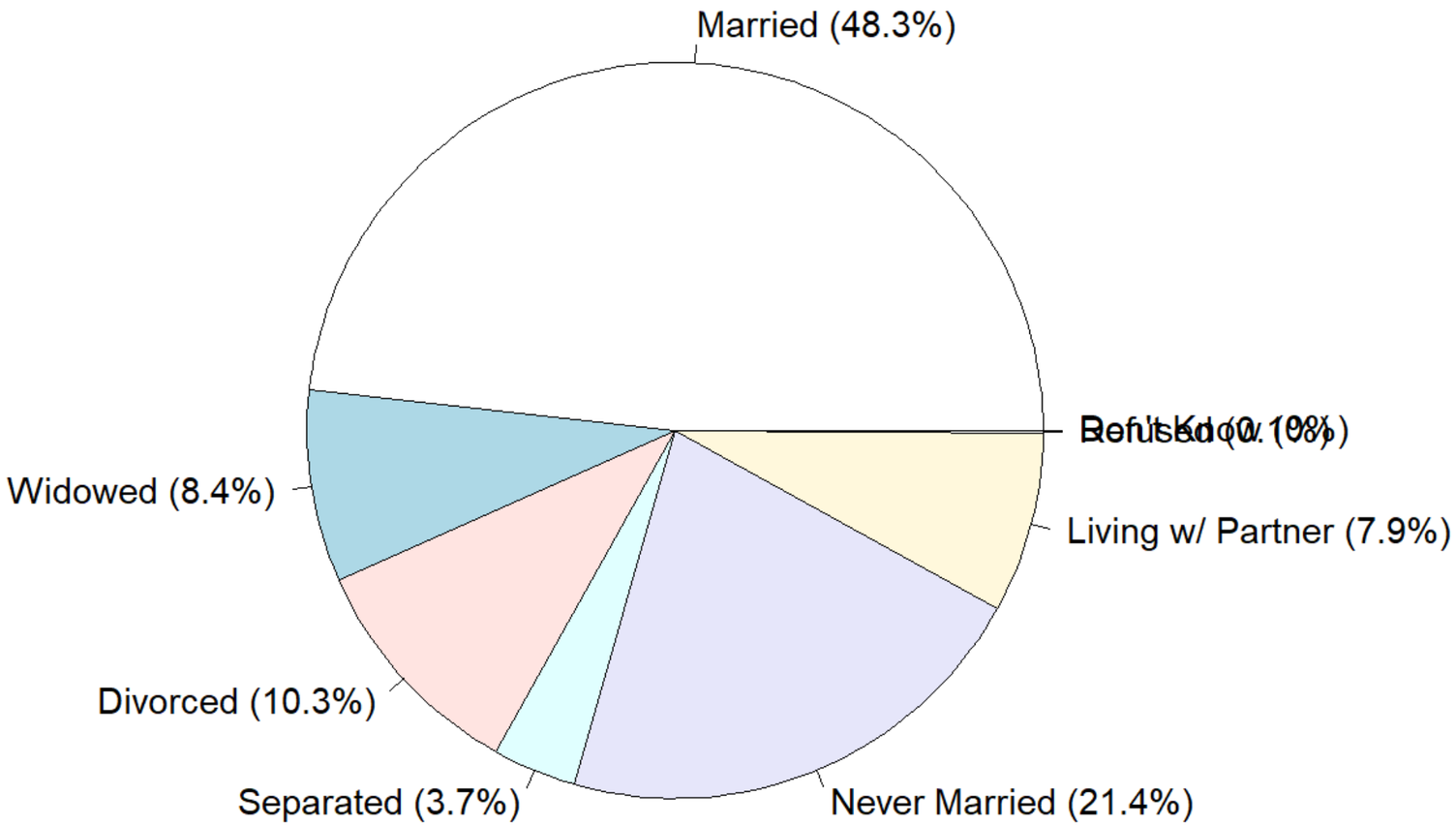
Bar Chart of Marital Status



Bar Chart of Marital Status



Pie Chart of Marital Status



Categorical Data

- **Frequency Tables**
  - Great for numerical summaries
- **Bar Charts**
  - Great for visualization
- **Pie Charts**
  - Use with caution