## Results

# **Descriptives**

#### Descriptives

|                    | Age  | Sex  | Job   | Housing | Saving accounts | Checking account | Credit amount | Duration | Purpose |
|--------------------|------|------|-------|---------|-----------------|------------------|---------------|----------|---------|
| N                  | 1000 | 1000 | 1000  | 1000    | 817             | 606              | 1000          | 1000     | 1000    |
| Missing            | 0    | 0    | 0     | 0       | 183             | 394              | 0             | 0        | 0       |
| Mean               | 35.5 |      | 1.90  |         |                 |                  | 3271          | 20.9     |         |
| Median             | 33.0 |      | 2.00  |         |                 |                  | 2320          | 18.0     |         |
| Standard deviation | 11.4 |      | 0.654 |         |                 |                  | 2823          | 12.1     |         |
| Variance           | 129  |      | 0.427 |         |                 |                  | 7.97e+6       | 145      |         |
| Minimum            | 19   |      | 0     |         |                 |                  | 250           | 4        |         |
| Maximum            | 75   |      | 3     |         |                 |                  | 18424         | 72       |         |
| 25th percentile    | 27.0 |      | 2.00  |         |                 |                  | 1366          | 12.0     |         |
| 50th percentile    | 33.0 |      | 2.00  |         |                 |                  | 2320          | 18.0     |         |
| 75th percentile    | 42.0 |      | 2.00  |         |                 |                  | 3972          | 24.0     |         |

## Frequencies

#### Frequencies of Sex

| Sex    | Counts | % of Total | Cumulative % |
|--------|--------|------------|--------------|
| female | 310    | 31.0 %     | 31.0 %       |
| male   | 690    | 69.0 %     | 100.0 %      |

## Frequencies of Job

| Counts | % of Total       | Cumulative %                         |
|--------|------------------|--------------------------------------|
| 22     | 2.2 %            | 2.2 %                                |
| 200    | 20.0 %           | 22.2 %                               |
| 630    | 63.0 %           | 85.2 %                               |
| 148    | 14.8 %           | 100.0 %                              |
|        | 22<br>200<br>630 | 22 2.2 %<br>200 20.0 %<br>630 63.0 % |

## Frequencies of Housing

| Housing | Counts | % of Total | Cumulative % |
|---------|--------|------------|--------------|
| free    | 108    | 10.8 %     | 10.8 %       |
| own     | 713    | 71.3 %     | 82.1 %       |
| rent    | 179    | 17.9 %     | 100.0 %      |

#### Frequencies of Saving accounts

| Saving accounts | Counts | % of Total | Cumulative % |
|-----------------|--------|------------|--------------|
| little          | 603    | 73.8 %     | 73.8 %       |
| moderate        | 103    | 12.6 %     | 86.4 %       |
| quite rich      | 63     | 7.7 %      | 94.1 %       |
| rich            | 48     | 5.9 %      | 100.0 %      |
|                 |        |            |              |

## Frequencies of Checking account

| Checking account | Counts | % of Total | Cumulative % |
|------------------|--------|------------|--------------|
| little           | 274    | 45.2 %     | 45.2 %       |
| moderate         | 269    | 44.4 %     | 89.6 %       |
| rich             | 63     | 10.4 %     | 100.0 %      |

#### Frequencies of Duration

| Trequencies of Duration |        |            |              |  |  |  |  |
|-------------------------|--------|------------|--------------|--|--|--|--|
| Duration                | Counts | % of Total | Cumulative % |  |  |  |  |
| 4                       | 6      | 0.6 %      | 0.6 %        |  |  |  |  |
| 5                       | 1      | 0.1 %      | 0.7 %        |  |  |  |  |
| 6                       | 75     | 7.5 %      | 8.2 %        |  |  |  |  |
| 7                       | 5      | 0.5 %      | 8.7 %        |  |  |  |  |
| 8                       | 7      | 0.7 %      | 9.4 %        |  |  |  |  |
| 9                       | 49     | 4.9 %      | 14.3 %       |  |  |  |  |
| 10                      | 28     | 2.8 %      | 17.1 %       |  |  |  |  |
| 11                      | 9      | 0.9 %      | 18.0 %       |  |  |  |  |
| 12                      | 179    | 17.9 %     | 35.9 %       |  |  |  |  |
| 13                      | 4      | 0.4 %      | 36.3 %       |  |  |  |  |
| 14                      | 4      | 0.4 %      | 36.7 %       |  |  |  |  |
| 15                      | 64     | 6.4 %      | 43.1 %       |  |  |  |  |
| 16                      | 2      | 0.2 %      | 43.3 %       |  |  |  |  |
| 18                      | 113    | 11.3 %     | 54.6 %       |  |  |  |  |
| 20                      | 8      | 0.8 %      | 55.4 %       |  |  |  |  |
| 21                      | 30     | 3.0 %      | 58.4 %       |  |  |  |  |
| 22                      | 2      | 0.2 %      | 58.6 %       |  |  |  |  |
| 24                      | 184    | 18.4 %     | 77.0 %       |  |  |  |  |
| 26                      | 1      | 0.1 %      | 77.1 %       |  |  |  |  |
| 27                      | 13     | 1.3 %      | 78.4 %       |  |  |  |  |
| 28                      | 3      | 0.3 %      | 78.7 %       |  |  |  |  |
| 30                      | 40     | 4.0 %      | 82.7 %       |  |  |  |  |
| 33                      | 3      | 0.3 %      | 83.0 %       |  |  |  |  |
| 36                      | 83     | 8.3 %      | 91.3 %       |  |  |  |  |
| 39                      | 5      | 0.5 %      | 91.8 %       |  |  |  |  |
| 40                      | 1      | 0.1 %      | 91.9 %       |  |  |  |  |
| 42                      | 11     | 1.1 %      | 93.0 %       |  |  |  |  |
| 45                      | 5      | 0.5 %      | 93.5 %       |  |  |  |  |
| 47                      | 1      | 0.1 %      | 93.6 %       |  |  |  |  |
| 48                      | 48     | 4.8 %      | 98.4 %       |  |  |  |  |
| 54                      | 2      | 0.2 %      | 98.6 %       |  |  |  |  |
| 60                      | 13     | 1.3 %      | 99.9 %       |  |  |  |  |
| 72                      | 1      | 0.1 %      | 100.0 %      |  |  |  |  |
|                         |        |            |              |  |  |  |  |

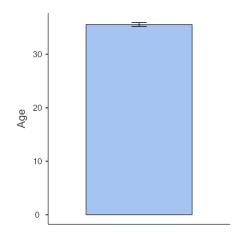
#### Frequencies of Purpose

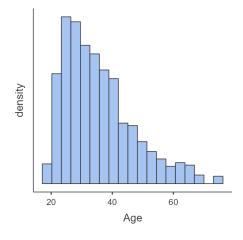
| Purpose             | Counts | % of Total | Cumulative % |
|---------------------|--------|------------|--------------|
| business            | 97     | 9.7 %      | 9.7 %        |
| car                 | 337    | 33.7 %     | 43.4 %       |
| domestic appliances | 12     | 1.2 %      | 44.6 %       |
| education           | 59     | 5.9 %      | 50.5 %       |
| furniture/equipment | 181    | 18.1 %     | 68.6 %       |
| radio/TV            | 280    | 28.0 %     | 96.6 %       |
| repairs             | 22     | 2.2 %      | 98.8 %       |
| vacation/others     | 12     | 1.2 %      | 100.0 %      |
|                     |        |            |              |

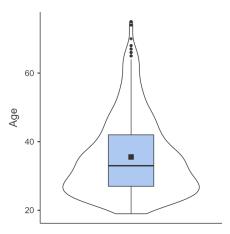
#### **Plots**

▲ The variables 'Sex', 'Housing', 'Saving accounts', 'Checking account', and 'Purpose' cannot be treated as numeric. Plots that expect numeric data will not be created for these variables.

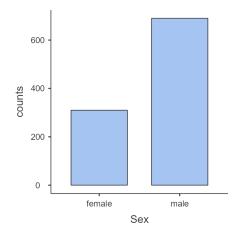
Age



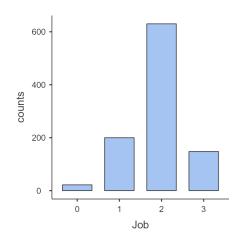


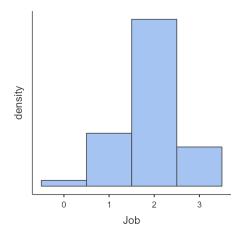


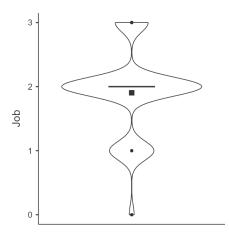
Sex



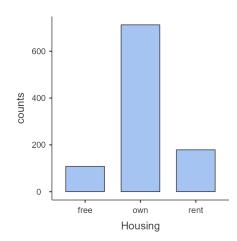




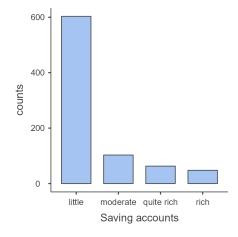




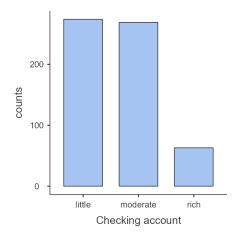
## Housing



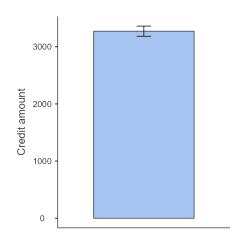
## Saving accounts

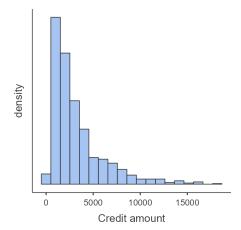


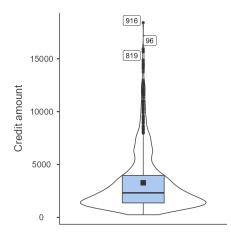
## Checking account



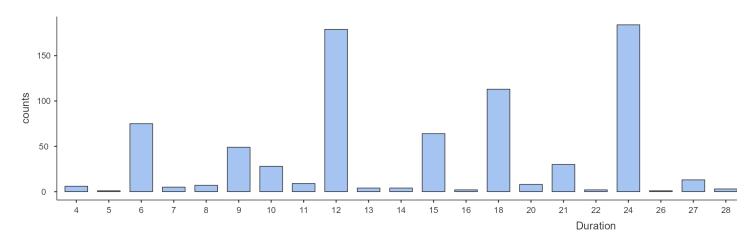
## Credit amount

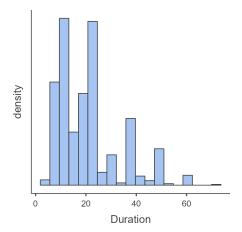


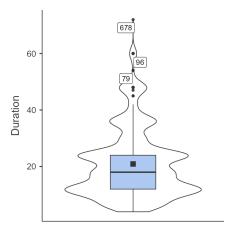




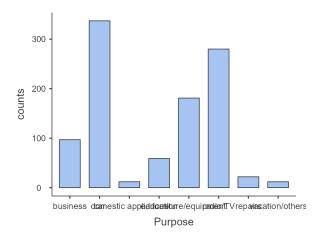
## Duration







#### Purpose



## References

[1] The jamovi project (2024). jamovi. (Version 2.5) [Computer Software]. Retrieved from <a href="https://www.jamovi.org">https://www.jamovi.org</a>.

[2] R Core Team (2023). R: A Language and environment for statistical computing. (Version 4.3) [Computer software]. Retrieved from <a href="https://cran.r-project.org">https://cran.r-project.org</a>. (R packages retrieved from CRAN snapshot 2024-01-09).