**Principal Components: on Correlations**

**Summary Plots**



**Eigenvectors**

|  | **Prin1** | **Prin2** | **Prin3** | **Prin4** | **Prin5** | **Prin6** | **Prin7** | **Prin8** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Area | 0.58531 | 0.04103 | 0.07153 | -0.06805 | 0.06879 | 0.30673 | 0.00584 | -0.73968 |
| Bedrooms | 0.55781 | -0.05114 | 0.01751 | -0.21389 | 0.22394 | 0.36505 | -0.24415 | 0.63020 |
| Bathrooms | 0.53172 | 0.00897 | 0.09824 | -0.07866 | -0.15463 | -0.76511 | 0.28332 | 0.10857 |
| Security | -0.02697 | 0.63949 | 0.18200 | 0.22914 | 0.57514 | 0.03481 | 0.40744 | 0.08178 |
| Parking | 0.22979 | -0.09483 | -0.11914 | 0.84162 | -0.34204 | 0.21296 | 0.17937 | 0.14553 |
| Distance | -0.09546 | -0.17871 | 0.71258 | -0.20922 | -0.30905 | 0.29323 | 0.46482 | 0.09923 |
| Shuttle | 0.01967 | 0.38161 | -0.56364 | -0.36968 | -0.41399 | 0.23063 | 0.41133 | 0.07662 |
| Age | -0.02247 | -0.63255 | -0.33488 | -0.04667 | 0.45445 | 0.03909 | 0.52598 | -0.01834 |

**Loading Matrix**

|  | **Prin1** | **Prin2** | **Prin3** | **Prin4** | **Prin5** | **Prin6** | **Prin7** | **Prin8** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Area | 0.94346 | 0.05098 | 0.08536 | -0.06886 | 0.05527 | 0.18099 | 0.00324 | -0.24380 |
| Bedrooms | 0.89913 | -0.06354 | 0.02089 | -0.21642 | 0.17995 | 0.21541 | -0.13537 | 0.20772 |
| Bathrooms | 0.85707 | 0.01115 | 0.11723 | -0.07959 | -0.12426 | -0.45147 | 0.15709 | 0.03578 |
| Security | -0.04347 | 0.79461 | 0.21718 | 0.23185 | 0.46217 | 0.02054 | 0.22591 | 0.02696 |
| Parking | 0.37039 | -0.11783 | -0.14217 | 0.85158 | -0.27485 | 0.12566 | 0.09945 | 0.04797 |
| Distance | -0.15387 | -0.22206 | 0.85035 | -0.21170 | -0.24834 | 0.17303 | 0.25772 | 0.03271 |
| Shuttle | 0.03170 | 0.47417 | -0.67260 | -0.37406 | -0.33267 | 0.13609 | 0.22807 | 0.f02525 |
| Age | -0.03621 | -0.78599 | -0.39963 | -0.04722 | 0.36518 | 0.02306 | 0.29164 | -0.00604 |