R version 3.6.3 (2020-02-29) -- "Holding the Windsock"
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Platform: x86_64-apple-darwin15.6.0 (64-bit)

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  Natural language support but running in an English locale

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Type 'demo()' for some demos, 'help()' for on-line help, or
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Type 'q()' to quit R.

[R.app GUI 1.70 (7735) x86_64-apple-darwin15.6.0]

[History restored from /Users/albertocontreras/.Rapp.history]

```
> source("consumsurvey.R")
> consumsurvey.R()
Correlation Matrix is
     [,1] [,2] [,3] [,4] [,5]
[1,] 1.00 0.02 0.96 0.42 0.01
[2,] 0.02 1.00 0.13 0.71 0.85
[3,] 0.96 0.13 1.00 0.50 0.11
[4,] 0.42 0.71 0.50 1.00 0.79
[5,] 0.01 0.85 0.11 0.79 1.00

valores propios de R
[1] 2.85309042 1.80633245 0.20449022 0.10240947 0.03367744

vectores propios de R
            [,1]        [,2]        [,3]       [,4]        [,5]
[1,] 0.3314539 -0.60721643  0.09848524  0.1386643  0.701783012
[2,] 0.4601593  0.39003172  0.74256408 -0.2821170  0.071674637
[3,] 0.3820572 -0.55650828  0.16840896  0.1170037 -0.708716714
```

```
[4,] 0.5559769  0.07806457 -0.60158211 -0.5682357  0.001656352
[5,] 0.4725608  0.40418799 -0.22053713  0.7513990  0.009012569

Loadings
          [,1]        [,2]
[1,] 0.5598618 -0.8160981
[2,] 0.7772594  0.5242021
[3,] 0.6453364 -0.7479464
[4,] 0.9391057  0.1049187
[5,] 0.7982069  0.5432281

communalities
          [,1]    [,2]      [,3]      [,4]      [,5]
[1,] 0.9794614 0.00000 0.0000000 0.0000000 0.0000000
[2,] 0.0000000 0.87892 0.0000000 0.0000000 0.0000000
[3,] 0.0000000 0.00000 0.9758829 0.0000000 0.0000000
[4,] 0.0000000 0.00000 0.0000000 0.8929275 0.0000000
[5,] 0.0000000 0.00000 0.0000000 0.0000000 0.9322311

Loadings after varimax rotation
          [,1]        [,2]
[1,] 0.02125556 -0.98944912
[2,] 0.93742129  0.01270189
[3,] 0.13009861 -0.97926362
[4,] 0.84310820 -0.42672715
[5,] 0.96536898  0.01714214
communalities after rotation
          [,1]    [,2]      [,3]      [,4]      [,5]
[1,] 0.9794614 0.00000 0.0000000 0.0000000 0.0000000
[2,] 0.0000000 0.87892 0.0000000 0.0000000 0.0000000
[3,] 0.0000000 0.00000 0.9758829 0.0000000 0.0000000
[4,] 0.0000000 0.00000 0.0000000 0.8929275 0.0000000
[5,] 0.0000000 0.00000 0.0000000 0.0000000 0.9322311
>
```