Lebanon Year 1 (2016-2017) Measurement Report

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This document presents most of the features of the package **officedown**.

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## Data and Sample

This report presents descriptive and psychometric information of the measures used for Lebanon Year 1 (2016-2017).

## Method

TBD…

## Results

### Descriptive Statistics

see Table .

Table : Descriptive Statistics

| variable | vars | n | mean | sd | median | trimmed | mad | min | max | range | skew | kurtosis | se |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB1\_AB\_1 | 1 | 2156 | 0.432 | 0.495 | 0 | 0.415 | 0 | 0 | 1 | 1 | 0.275 | -1.925 | 0.011 |
| HB2\_AB\_1 | 2 | 2153 | 0.506 | 0.500 | 1 | 0.508 | 0 | 0 | 1 | 1 | -0.025 | -2.000 | 0.011 |
| HB3\_AB\_1 | 3 | 2154 | 0.430 | 0.495 | 0 | 0.412 | 0 | 0 | 1 | 1 | 0.283 | -1.921 | 0.011 |
| HB4\_AB\_1 | 4 | 2156 | 0.615 | 0.487 | 1 | 0.644 | 0 | 0 | 1 | 1 | -0.472 | -1.778 | 0.010 |
| HB5\_AB\_1 | 5 | 2152 | 0.553 | 0.497 | 1 | 0.566 | 0 | 0 | 1 | 1 | -0.213 | -1.956 | 0.011 |
| HB6\_AB\_1 | 6 | 2150 | 0.617 | 0.486 | 1 | 0.646 | 0 | 0 | 1 | 1 | -0.480 | -1.771 | 0.010 |
| HB1\_AD\_1 | 7 | 2157 | 1.678 | 1.314 | 1 | 1.349 | 0 | 1 | 5 | 4 | 1.805 | 1.711 | 0.028 |
| HB2\_AD\_1 | 8 | 2155 | 1.786 | 1.372 | 1 | 1.483 | 0 | 1 | 5 | 4 | 1.566 | 0.909 | 0.030 |
| HB3\_AD\_1 | 9 | 2156 | 1.681 | 1.320 | 1 | 1.352 | 0 | 1 | 5 | 4 | 1.798 | 1.671 | 0.028 |
| HB4\_AD\_1 | 10 | 2156 | 1.845 | 1.436 | 1 | 1.557 | 0 | 1 | 5 | 4 | 1.446 | 0.453 | 0.031 |
| HB5\_AD\_1 | 11 | 2151 | 1.730 | 1.350 | 1 | 1.413 | 0 | 1 | 5 | 4 | 1.691 | 1.301 | 0.029 |
| HB6\_AD\_1 | 12 | 2154 | 1.932 | 1.498 | 1 | 1.665 | 0 | 1 | 5 | 4 | 1.306 | 0.029 | 0.032 |
| HB1\_SD\_1 | 13 | 2156 | 1.848 | 1.411 | 1 | 1.561 | 0 | 1 | 5 | 4 | 1.439 | 0.491 | 0.030 |
| HB2\_SD\_1 | 14 | 2155 | 1.933 | 1.425 | 1 | 1.667 | 0 | 1 | 5 | 4 | 1.309 | 0.179 | 0.031 |
| HB3\_SD\_1 | 15 | 2156 | 1.718 | 1.313 | 1 | 1.399 | 0 | 1 | 5 | 4 | 1.712 | 1.455 | 0.028 |
| HB4\_SD\_1 | 16 | 2156 | 1.667 | 1.266 | 1 | 1.339 | 0 | 1 | 5 | 4 | 1.841 | 1.977 | 0.027 |
| HB5\_SD\_1 | 17 | 2153 | 1.667 | 1.265 | 1 | 1.340 | 0 | 1 | 5 | 4 | 1.842 | 1.974 | 0.027 |
| HB6\_SD\_1 | 18 | 2154 | 1.979 | 1.479 | 1 | 1.724 | 0 | 1 | 5 | 4 | 1.235 | -0.081 | 0.032 |
| HB1\_AR\_1 | 19 | 2155 | 1.239 | 0.638 | 1 | 1.049 | 0 | 1 | 3 | 2 | 2.344 | 3.573 | 0.014 |
| HB2\_AR\_1 | 20 | 2156 | 1.231 | 0.625 | 1 | 1.039 | 0 | 1 | 3 | 2 | 2.402 | 3.889 | 0.013 |
| HB3\_AR\_1 | 21 | 2154 | 1.183 | 0.561 | 1 | 1.001 | 0 | 1 | 3 | 2 | 2.824 | 6.151 | 0.012 |
| HB4\_AR\_1 | 22 | 2152 | 1.429 | 0.808 | 1 | 1.286 | 0 | 1 | 3 | 2 | 1.390 | -0.021 | 0.017 |
| HB5\_AR\_1 | 23 | 2154 | 1.151 | 0.512 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.201 | 8.491 | 0.011 |
| HB6\_AR\_1 | 24 | 2152 | 1.338 | 0.730 | 1 | 1.173 | 0 | 1 | 3 | 2 | 1.762 | 1.204 | 0.016 |
| HB1\_AB\_2 | 25 | 1780 | 0.355 | 0.479 | 0 | 0.319 | 0 | 0 | 1 | 1 | 0.605 | -1.635 | 0.011 |
| HB2\_AB\_2 | 26 | 1786 | 0.425 | 0.494 | 0 | 0.406 | 0 | 0 | 1 | 1 | 0.303 | -1.909 | 0.012 |
| HB3\_AB\_2 | 27 | 1786 | 0.370 | 0.483 | 0 | 0.338 | 0 | 0 | 1 | 1 | 0.538 | -1.712 | 0.011 |
| HB4\_AB\_2 | 28 | 1784 | 0.541 | 0.498 | 1 | 0.551 | 0 | 0 | 1 | 1 | -0.164 | -1.974 | 0.012 |
| HB5\_AB\_2 | 29 | 1786 | 0.507 | 0.500 | 1 | 0.509 | 0 | 0 | 1 | 1 | -0.029 | -2.000 | 0.012 |
| HB6\_AB\_2 | 30 | 1787 | 0.556 | 0.497 | 1 | 0.570 | 0 | 0 | 1 | 1 | -0.226 | -1.950 | 0.012 |
| HB1\_AD\_2 | 31 | 1787 | 1.509 | 1.132 | 1 | 1.193 | 0 | 1 | 5 | 4 | 2.278 | 3.944 | 0.027 |
| HB2\_AD\_2 | 32 | 1791 | 1.584 | 1.214 | 1 | 1.249 | 0 | 1 | 5 | 4 | 2.035 | 2.741 | 0.029 |
| HB3\_AD\_2 | 33 | 1787 | 1.494 | 1.127 | 1 | 1.174 | 0 | 1 | 5 | 4 | 2.309 | 4.037 | 0.027 |
| HB4\_AD\_2 | 34 | 1790 | 1.635 | 1.270 | 1 | 1.297 | 0 | 1 | 5 | 4 | 1.905 | 2.136 | 0.030 |
| HB5\_AD\_2 | 35 | 1791 | 1.587 | 1.229 | 1 | 1.247 | 0 | 1 | 5 | 4 | 2.039 | 2.706 | 0.029 |
| HB6\_AD\_2 | 36 | 1789 | 1.715 | 1.346 | 1 | 1.396 | 0 | 1 | 5 | 4 | 1.701 | 1.317 | 0.032 |
| HB1\_SD\_2 | 37 | 1789 | 1.699 | 1.277 | 1 | 1.382 | 0 | 1 | 5 | 4 | 1.737 | 1.625 | 0.030 |
| HB2\_SD\_2 | 38 | 1790 | 1.784 | 1.340 | 1 | 1.480 | 0 | 1 | 5 | 4 | 1.563 | 0.974 | 0.032 |
| HB3\_SD\_2 | 39 | 1787 | 1.584 | 1.193 | 1 | 1.260 | 0 | 1 | 5 | 4 | 2.012 | 2.718 | 0.028 |
| HB4\_SD\_2 | 40 | 1789 | 1.679 | 1.274 | 1 | 1.355 | 0 | 1 | 5 | 4 | 1.797 | 1.811 | 0.030 |
| HB5\_SD\_2 | 41 | 1790 | 1.650 | 1.241 | 1 | 1.332 | 0 | 1 | 5 | 4 | 1.846 | 2.027 | 0.029 |
| HB6\_SD\_2 | 42 | 1790 | 1.802 | 1.358 | 1 | 1.503 | 0 | 1 | 5 | 4 | 1.530 | 0.843 | 0.032 |
| HB1\_AR\_2 | 43 | 1785 | 1.175 | 0.557 | 1 | 1.000 | 0 | 1 | 3 | 2 | 2.912 | 6.581 | 0.013 |
| HB2\_AR\_2 | 44 | 1787 | 1.147 | 0.514 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.262 | 8.764 | 0.012 |
| HB3\_AR\_2 | 45 | 1790 | 1.118 | 0.459 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.738 | 12.231 | 0.011 |
| HB4\_AR\_2 | 46 | 1789 | 1.258 | 0.655 | 1 | 1.073 | 0 | 1 | 3 | 2 | 2.212 | 2.996 | 0.015 |
| HB5\_AR\_2 | 47 | 1790 | 1.073 | 0.366 | 1 | 1.000 | 0 | 1 | 3 | 2 | 4.927 | 22.669 | 0.009 |
| HB6\_AR\_2 | 48 | 1790 | 1.204 | 0.597 | 1 | 1.009 | 0 | 1 | 3 | 2 | 2.628 | 4.990 | 0.014 |
| HB1\_AB\_3 | 49 | 1881 | 0.293 | 0.455 | 0 | 0.242 | 0 | 0 | 1 | 1 | 0.906 | -1.179 | 0.011 |
| HB2\_AB\_3 | 50 | 1881 | 0.320 | 0.467 | 0 | 0.275 | 0 | 0 | 1 | 1 | 0.771 | -1.406 | 0.011 |
| HB3\_AB\_3 | 51 | 1880 | 0.302 | 0.459 | 0 | 0.252 | 0 | 0 | 1 | 1 | 0.864 | -1.254 | 0.011 |
| HB4\_AB\_3 | 52 | 1879 | 0.432 | 0.495 | 0 | 0.415 | 0 | 0 | 1 | 1 | 0.276 | -1.925 | 0.011 |
| HB5\_AB\_3 | 53 | 1883 | 0.400 | 0.490 | 0 | 0.375 | 0 | 0 | 1 | 1 | 0.408 | -1.834 | 0.011 |
| HB6\_AB\_3 | 54 | 1883 | 0.462 | 0.499 | 0 | 0.453 | 0 | 0 | 1 | 1 | 0.152 | -1.978 | 0.011 |
| HB1\_AD\_3 | 55 | 1868 | 1.410 | 1.049 | 1 | 1.096 | 0 | 1 | 5 | 4 | 2.664 | 5.864 | 0.024 |
| HB2\_AD\_3 | 56 | 1865 | 1.457 | 1.108 | 1 | 1.129 | 0 | 1 | 5 | 4 | 2.468 | 4.745 | 0.026 |
| HB3\_AD\_3 | 57 | 1868 | 1.426 | 1.071 | 1 | 1.108 | 0 | 1 | 5 | 4 | 2.606 | 5.526 | 0.025 |
| HB4\_AD\_3 | 58 | 1867 | 1.487 | 1.132 | 1 | 1.159 | 0 | 1 | 5 | 4 | 2.353 | 4.192 | 0.026 |
| HB5\_AD\_3 | 59 | 1871 | 1.441 | 1.087 | 1 | 1.120 | 0 | 1 | 5 | 4 | 2.545 | 5.194 | 0.025 |
| HB6\_AD\_3 | 60 | 1872 | 1.585 | 1.245 | 1 | 1.240 | 0 | 1 | 5 | 4 | 2.042 | 2.649 | 0.029 |
| HB1\_SD\_3 | 61 | 1875 | 1.494 | 1.093 | 1 | 1.189 | 0 | 1 | 5 | 4 | 2.330 | 4.295 | 0.025 |
| HB2\_SD\_3 | 62 | 1878 | 1.540 | 1.140 | 1 | 1.227 | 0 | 1 | 5 | 4 | 2.161 | 3.446 | 0.026 |
| HB3\_SD\_3 | 63 | 1869 | 1.492 | 1.088 | 1 | 1.188 | 0 | 1 | 5 | 4 | 2.330 | 4.298 | 0.025 |
| HB4\_SD\_3 | 64 | 1875 | 1.516 | 1.134 | 1 | 1.195 | 0 | 1 | 5 | 4 | 2.266 | 3.875 | 0.026 |
| HB5\_SD\_3 | 65 | 1871 | 1.511 | 1.110 | 1 | 1.204 | 0 | 1 | 5 | 4 | 2.277 | 4.033 | 0.026 |
| HB6\_SD\_3 | 66 | 1871 | 1.622 | 1.218 | 1 | 1.297 | 0 | 1 | 5 | 4 | 1.952 | 2.462 | 0.028 |
| HB1\_AR\_3 | 67 | 1882 | 1.162 | 0.536 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.067 | 7.538 | 0.012 |
| HB2\_AR\_3 | 68 | 1884 | 1.144 | 0.506 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.309 | 9.116 | 0.012 |
| HB3\_AR\_3 | 69 | 1880 | 1.109 | 0.444 | 1 | 1.000 | 0 | 1 | 3 | 2 | 3.930 | 13.660 | 0.010 |
| HB4\_AR\_3 | 70 | 1882 | 1.233 | 0.629 | 1 | 1.041 | 0 | 1 | 3 | 2 | 2.389 | 3.809 | 0.014 |
| HB5\_AR\_3 | 71 | 1883 | 1.100 | 0.426 | 1 | 1.000 | 0 | 1 | 3 | 2 | 4.113 | 15.189 | 0.010 |
| HB6\_AR\_3 | 72 | 1881 | 1.203 | 0.589 | 1 | 1.013 | 0 | 1 | 3 | 2 | 2.634 | 5.081 | 0.014 |

see Figure @ref(fig:ds\_plot).

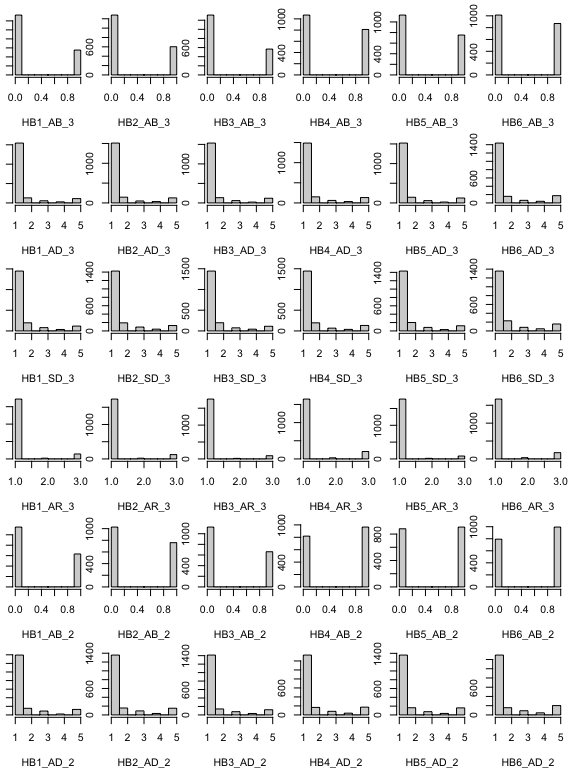


Figure :

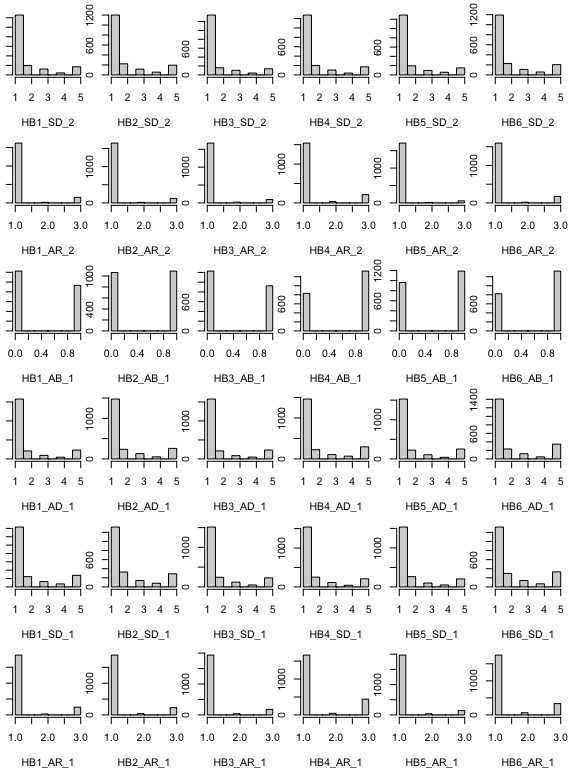


Figure :

### Internal Reliability and Correlations

Table : Internal Reliability

| variable | raw\_alpha | std.alpha | G6(smc) | average\_r | S/N | alpha se | var.r | med.r |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HB1\_AB\_1 | 0.930 | 0.931 | 0.959 | 0.159 | 13.443 | 0.001 | 0.017 | 0.122 |
| HB2\_AB\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.358 | 0.001 | 0.017 | 0.122 |
| HB3\_AB\_1 | 0.930 | 0.931 | 0.959 | 0.159 | 13.392 | 0.001 | 0.017 | 0.122 |
| HB4\_AB\_1 | 0.930 | 0.931 | 0.959 | 0.159 | 13.407 | 0.001 | 0.017 | 0.122 |
| HB5\_AB\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.365 | 0.001 | 0.017 | 0.122 |
| HB6\_AB\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.352 | 0.001 | 0.017 | 0.122 |
| HB1\_AD\_1 | 0.930 | 0.930 | 0.958 | 0.157 | 13.241 | 0.001 | 0.017 | 0.121 |
| HB2\_AD\_1 | 0.929 | 0.929 | 0.958 | 0.156 | 13.171 | 0.001 | 0.017 | 0.121 |
| HB3\_AD\_1 | 0.929 | 0.929 | 0.958 | 0.157 | 13.184 | 0.001 | 0.017 | 0.121 |
| HB4\_AD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.193 | 0.001 | 0.017 | 0.121 |
| HB5\_AD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.221 | 0.001 | 0.017 | 0.121 |
| HB6\_AD\_1 | 0.929 | 0.929 | 0.958 | 0.156 | 13.155 | 0.001 | 0.017 | 0.120 |
| HB1\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.158 | 13.280 | 0.001 | 0.017 | 0.122 |
| HB2\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.247 | 0.001 | 0.017 | 0.121 |
| HB3\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.272 | 0.001 | 0.017 | 0.121 |
| HB4\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.158 | 13.274 | 0.001 | 0.017 | 0.122 |
| HB5\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.263 | 0.001 | 0.017 | 0.121 |
| HB6\_SD\_1 | 0.929 | 0.930 | 0.958 | 0.157 | 13.253 | 0.001 | 0.017 | 0.121 |
| HB1\_AR\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.317 | 0.001 | 0.017 | 0.121 |
| HB2\_AR\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.279 | 0.001 | 0.017 | 0.121 |
| HB3\_AR\_1 | 0.930 | 0.930 | 0.959 | 0.159 | 13.378 | 0.001 | 0.017 | 0.122 |
| HB4\_AR\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.313 | 0.001 | 0.017 | 0.122 |
| HB5\_AR\_1 | 0.930 | 0.930 | 0.959 | 0.158 | 13.354 | 0.001 | 0.017 | 0.122 |
| HB6\_AR\_1 | 0.930 | 0.930 | 0.958 | 0.157 | 13.234 | 0.001 | 0.017 | 0.120 |
| HB1\_AB\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.316 | 0.001 | 0.017 | 0.121 |
| HB2\_AB\_2 | 0.930 | 0.930 | 0.958 | 0.157 | 13.267 | 0.001 | 0.017 | 0.121 |
| HB3\_AB\_2 | 0.930 | 0.930 | 0.958 | 0.158 | 13.293 | 0.001 | 0.017 | 0.121 |
| HB4\_AB\_2 | 0.930 | 0.930 | 0.958 | 0.158 | 13.297 | 0.001 | 0.017 | 0.121 |
| HB5\_AB\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.344 | 0.001 | 0.017 | 0.122 |
| HB6\_AB\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.302 | 0.001 | 0.017 | 0.121 |
| HB1\_AD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.219 | 0.001 | 0.017 | 0.121 |
| HB2\_AD\_2 | 0.929 | 0.929 | 0.958 | 0.157 | 13.180 | 0.001 | 0.017 | 0.120 |
| HB3\_AD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.205 | 0.001 | 0.017 | 0.121 |
| HB4\_AD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.214 | 0.001 | 0.017 | 0.121 |
| HB5\_AD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.191 | 0.001 | 0.017 | 0.121 |
| HB6\_AD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.187 | 0.001 | 0.017 | 0.121 |
| HB1\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.256 | 0.001 | 0.017 | 0.121 |
| HB2\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.234 | 0.001 | 0.017 | 0.121 |
| HB3\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.244 | 0.001 | 0.017 | 0.121 |
| HB4\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.207 | 0.001 | 0.017 | 0.121 |
| HB5\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.221 | 0.001 | 0.017 | 0.121 |
| HB6\_SD\_2 | 0.929 | 0.930 | 0.958 | 0.157 | 13.237 | 0.001 | 0.017 | 0.121 |
| HB1\_AR\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.363 | 0.001 | 0.017 | 0.122 |
| HB2\_AR\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.307 | 0.001 | 0.017 | 0.121 |
| HB3\_AR\_2 | 0.930 | 0.931 | 0.959 | 0.159 | 13.468 | 0.001 | 0.017 | 0.122 |
| HB4\_AR\_2 | 0.930 | 0.930 | 0.959 | 0.158 | 13.331 | 0.001 | 0.017 | 0.121 |
| HB5\_AR\_2 | 0.931 | 0.931 | 0.959 | 0.160 | 13.480 | 0.001 | 0.017 | 0.123 |
| HB6\_AR\_2 | 0.930 | 0.930 | 0.958 | 0.157 | 13.233 | 0.001 | 0.017 | 0.121 |
| HB1\_AB\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.335 | 0.001 | 0.017 | 0.122 |
| HB2\_AB\_3 | 0.930 | 0.930 | 0.958 | 0.158 | 13.289 | 0.001 | 0.017 | 0.121 |
| HB3\_AB\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.303 | 0.001 | 0.017 | 0.121 |
| HB4\_AB\_3 | 0.930 | 0.930 | 0.958 | 0.158 | 13.316 | 0.001 | 0.017 | 0.122 |
| HB5\_AB\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.337 | 0.001 | 0.017 | 0.122 |
| HB6\_AB\_3 | 0.930 | 0.930 | 0.958 | 0.158 | 13.309 | 0.001 | 0.017 | 0.122 |
| HB1\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.135 | 0.001 | 0.017 | 0.120 |
| HB2\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.158 | 0.001 | 0.017 | 0.121 |
| HB3\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.137 | 0.001 | 0.017 | 0.120 |
| HB4\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.124 | 0.001 | 0.017 | 0.120 |
| HB5\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.127 | 0.001 | 0.017 | 0.121 |
| HB6\_AD\_3 | 0.929 | 0.929 | 0.958 | 0.156 | 13.155 | 0.001 | 0.017 | 0.121 |
| HB1\_SD\_3 | 0.929 | 0.930 | 0.958 | 0.157 | 13.205 | 0.001 | 0.017 | 0.122 |
| HB2\_SD\_3 | 0.929 | 0.930 | 0.958 | 0.157 | 13.197 | 0.001 | 0.017 | 0.122 |
| HB3\_SD\_3 | 0.929 | 0.930 | 0.958 | 0.157 | 13.242 | 0.001 | 0.017 | 0.122 |
| HB4\_SD\_3 | 0.929 | 0.930 | 0.958 | 0.157 | 13.216 | 0.001 | 0.017 | 0.122 |
| HB5\_SD\_3 | 0.929 | 0.929 | 0.958 | 0.157 | 13.174 | 0.001 | 0.017 | 0.121 |
| HB6\_SD\_3 | 0.929 | 0.930 | 0.958 | 0.157 | 13.218 | 0.001 | 0.017 | 0.122 |
| HB1\_AR\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.355 | 0.001 | 0.017 | 0.121 |
| HB2\_AR\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.332 | 0.001 | 0.017 | 0.122 |
| HB3\_AR\_3 | 0.931 | 0.931 | 0.960 | 0.160 | 13.538 | 0.001 | 0.017 | 0.123 |
| HB4\_AR\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.313 | 0.001 | 0.017 | 0.121 |
| HB5\_AR\_3 | 0.930 | 0.931 | 0.959 | 0.159 | 13.394 | 0.001 | 0.017 | 0.122 |
| HB6\_AR\_3 | 0.930 | 0.930 | 0.959 | 0.158 | 13.293 | 0.001 | 0.017 | 0.121 |

Table : Summary Item Statistics

| variable | n | raw.r | std.r | r.cor | r.drop | mean | sd |
| --- | --- | --- | --- | --- | --- | --- | --- |
| HB1\_AB\_1 | 2156 | 0.210 | 0.270 | 0.252 | 0.188 | 0.432 | 0.495 |
| HB2\_AB\_1 | 2153 | 0.283 | 0.341 | 0.326 | 0.268 | 0.506 | 0.500 |
| HB3\_AB\_1 | 2154 | 0.254 | 0.312 | 0.298 | 0.226 | 0.430 | 0.495 |
| HB4\_AB\_1 | 2156 | 0.246 | 0.300 | 0.285 | 0.224 | 0.615 | 0.487 |
| HB5\_AB\_1 | 2152 | 0.287 | 0.335 | 0.322 | 0.255 | 0.553 | 0.497 |
| HB6\_AB\_1 | 2150 | 0.298 | 0.346 | 0.334 | 0.281 | 0.617 | 0.486 |
| HB1\_AD\_1 | 2157 | 0.496 | 0.439 | 0.431 | 0.418 | 1.678 | 1.314 |
| HB2\_AD\_1 | 2155 | 0.563 | 0.498 | 0.493 | 0.488 | 1.786 | 1.372 |
| HB3\_AD\_1 | 2156 | 0.568 | 0.487 | 0.483 | 0.483 | 1.681 | 1.320 |
| HB4\_AD\_1 | 2156 | 0.546 | 0.480 | 0.475 | 0.472 | 1.845 | 1.436 |
| HB5\_AD\_1 | 2151 | 0.544 | 0.456 | 0.451 | 0.454 | 1.730 | 1.350 |
| HB6\_AD\_1 | 2154 | 0.583 | 0.512 | 0.509 | 0.520 | 1.932 | 1.498 |
| HB1\_SD\_1 | 2156 | 0.487 | 0.406 | 0.397 | 0.432 | 1.848 | 1.411 |
| HB2\_SD\_1 | 2155 | 0.523 | 0.434 | 0.427 | 0.465 | 1.933 | 1.425 |
| HB3\_SD\_1 | 2156 | 0.514 | 0.413 | 0.407 | 0.440 | 1.718 | 1.313 |
| HB4\_SD\_1 | 2156 | 0.509 | 0.412 | 0.406 | 0.439 | 1.667 | 1.266 |
| HB5\_SD\_1 | 2153 | 0.520 | 0.421 | 0.416 | 0.452 | 1.667 | 1.265 |
| HB6\_SD\_1 | 2154 | 0.525 | 0.429 | 0.422 | 0.468 | 1.979 | 1.479 |
| HB1\_AR\_1 | 2155 | 0.341 | 0.376 | 0.363 | 0.307 | 1.239 | 0.638 |
| HB2\_AR\_1 | 2156 | 0.371 | 0.407 | 0.396 | 0.348 | 1.231 | 0.625 |
| HB3\_AR\_1 | 2154 | 0.294 | 0.325 | 0.307 | 0.266 | 1.183 | 0.561 |
| HB4\_AR\_1 | 2152 | 0.346 | 0.379 | 0.368 | 0.305 | 1.429 | 0.808 |
| HB5\_AR\_1 | 2154 | 0.325 | 0.344 | 0.327 | 0.292 | 1.151 | 0.512 |
| HB6\_AR\_1 | 2152 | 0.425 | 0.445 | 0.436 | 0.384 | 1.338 | 0.730 |
| HB1\_AB\_2 | 1780 | 0.283 | 0.376 | 0.364 | 0.269 | 0.355 | 0.479 |
| HB2\_AB\_2 | 1786 | 0.336 | 0.418 | 0.407 | 0.325 | 0.425 | 0.494 |
| HB3\_AB\_2 | 1786 | 0.308 | 0.396 | 0.385 | 0.295 | 0.370 | 0.483 |
| HB4\_AB\_2 | 1784 | 0.323 | 0.393 | 0.383 | 0.307 | 0.541 | 0.498 |
| HB5\_AB\_2 | 1786 | 0.291 | 0.353 | 0.342 | 0.271 | 0.507 | 0.500 |
| HB6\_AB\_2 | 1787 | 0.329 | 0.388 | 0.378 | 0.315 | 0.556 | 0.497 |
| HB1\_AD\_2 | 1787 | 0.477 | 0.457 | 0.449 | 0.432 | 1.509 | 1.132 |
| HB2\_AD\_2 | 1791 | 0.532 | 0.490 | 0.487 | 0.488 | 1.584 | 1.214 |
| HB3\_AD\_2 | 1787 | 0.514 | 0.469 | 0.464 | 0.464 | 1.494 | 1.127 |
| HB4\_AD\_2 | 1790 | 0.512 | 0.461 | 0.458 | 0.458 | 1.635 | 1.270 |
| HB5\_AD\_2 | 1791 | 0.527 | 0.481 | 0.478 | 0.477 | 1.587 | 1.229 |
| HB6\_AD\_2 | 1789 | 0.527 | 0.485 | 0.482 | 0.483 | 1.715 | 1.346 |
| HB1\_SD\_2 | 1789 | 0.506 | 0.427 | 0.421 | 0.457 | 1.699 | 1.277 |
| HB2\_SD\_2 | 1790 | 0.526 | 0.445 | 0.442 | 0.478 | 1.784 | 1.340 |
| HB3\_SD\_2 | 1787 | 0.506 | 0.436 | 0.432 | 0.466 | 1.584 | 1.193 |
| HB4\_SD\_2 | 1789 | 0.546 | 0.468 | 0.465 | 0.503 | 1.679 | 1.274 |
| HB5\_SD\_2 | 1790 | 0.542 | 0.456 | 0.453 | 0.491 | 1.650 | 1.241 |
| HB6\_SD\_2 | 1790 | 0.528 | 0.442 | 0.438 | 0.478 | 1.802 | 1.358 |
| HB1\_AR\_2 | 1785 | 0.281 | 0.337 | 0.322 | 0.269 | 1.175 | 0.557 |
| HB2\_AR\_2 | 1787 | 0.314 | 0.384 | 0.372 | 0.307 | 1.147 | 0.514 |
| HB3\_AR\_2 | 1790 | 0.206 | 0.249 | 0.227 | 0.187 | 1.118 | 0.459 |
| HB4\_AR\_2 | 1789 | 0.307 | 0.364 | 0.349 | 0.286 | 1.258 | 0.655 |
| HB5\_AR\_2 | 1790 | 0.191 | 0.239 | 0.217 | 0.182 | 1.073 | 0.366 |
| HB6\_AR\_2 | 1790 | 0.387 | 0.446 | 0.435 | 0.373 | 1.204 | 0.597 |
| HB1\_AB\_3 | 1881 | 0.259 | 0.361 | 0.348 | 0.247 | 0.293 | 0.455 |
| HB2\_AB\_3 | 1881 | 0.319 | 0.399 | 0.389 | 0.300 | 0.320 | 0.467 |
| HB3\_AB\_3 | 1880 | 0.302 | 0.387 | 0.376 | 0.273 | 0.302 | 0.459 |
| HB4\_AB\_3 | 1879 | 0.308 | 0.376 | 0.368 | 0.287 | 0.432 | 0.495 |
| HB5\_AB\_3 | 1883 | 0.276 | 0.358 | 0.349 | 0.258 | 0.400 | 0.490 |
| HB6\_AB\_3 | 1883 | 0.308 | 0.382 | 0.374 | 0.290 | 0.462 | 0.499 |
| HB1\_AD\_3 | 1868 | 0.534 | 0.528 | 0.527 | 0.499 | 1.410 | 1.049 |
| HB2\_AD\_3 | 1865 | 0.535 | 0.509 | 0.508 | 0.486 | 1.457 | 1.108 |
| HB3\_AD\_3 | 1868 | 0.550 | 0.527 | 0.526 | 0.510 | 1.426 | 1.071 |
| HB4\_AD\_3 | 1867 | 0.567 | 0.538 | 0.540 | 0.519 | 1.487 | 1.132 |
| HB5\_AD\_3 | 1871 | 0.560 | 0.535 | 0.537 | 0.516 | 1.441 | 1.087 |
| HB6\_AD\_3 | 1872 | 0.540 | 0.511 | 0.511 | 0.488 | 1.585 | 1.245 |
| HB1\_SD\_3 | 1875 | 0.518 | 0.469 | 0.467 | 0.482 | 1.494 | 1.093 |
| HB2\_SD\_3 | 1878 | 0.534 | 0.476 | 0.475 | 0.495 | 1.540 | 1.140 |
| HB3\_SD\_3 | 1869 | 0.493 | 0.438 | 0.436 | 0.449 | 1.492 | 1.088 |
| HB4\_SD\_3 | 1875 | 0.517 | 0.461 | 0.460 | 0.469 | 1.516 | 1.134 |
| HB5\_SD\_3 | 1871 | 0.542 | 0.496 | 0.496 | 0.507 | 1.511 | 1.110 |
| HB6\_SD\_3 | 1871 | 0.515 | 0.459 | 0.457 | 0.468 | 1.622 | 1.218 |
| HB1\_AR\_3 | 1882 | 0.284 | 0.344 | 0.328 | 0.263 | 1.162 | 0.536 |
| HB2\_AR\_3 | 1884 | 0.313 | 0.363 | 0.349 | 0.289 | 1.144 | 0.506 |
| HB3\_AR\_3 | 1880 | 0.156 | 0.191 | 0.166 | 0.130 | 1.109 | 0.444 |
| HB4\_AR\_3 | 1882 | 0.342 | 0.378 | 0.363 | 0.313 | 1.233 | 0.629 |
| HB5\_AR\_3 | 1883 | 0.265 | 0.311 | 0.292 | 0.252 | 1.100 | 0.426 |
| HB6\_AR\_3 | 1881 | 0.342 | 0.395 | 0.382 | 0.321 | 1.203 | 0.589 |

Table : Item Total Statistics

| variable | raw\_alpha | std.alpha | G6(smc) | average\_r | S/N | ase | mean | sd | median\_r |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0.931 | 0.931 | 0.959 | 0.158 | 13.461 | 0.001 | 1.245 | 0.434 | 0.121 |

Reading model: ~/Box/For Zezhen/MR automation/Test Data/CS123\_CFA4\_inv\_scalar.out <simpleError in file(file, “rt”): cannot open the connection>

Table : Correlation Matrix

| Variable | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. HAB\_1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2. AD\_1 | 0.437\*\*\* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3. SD\_1 | 0.299\*\*\* | 0.633\*\*\* | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4. AR\_1 | 0.353\*\*\* | 0.644\*\*\* | 0.301\*\*\* | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5. HAB\_2 | 0.524\*\*\* | 0.261\*\*\* | 0.184\*\*\* | 0.229\*\*\* | -- | -- | -- | -- | -- | -- | -- | -- |
| 6. AD\_2 | 0.173\*\*\* | 0.346\*\*\* | 0.268\*\*\* | 0.290\*\*\* | 0.451\*\*\* | -- | -- | -- | -- | -- | -- | -- |
| 7. SD\_2 | 0.115\*\*\* | 0.229\*\*\* | 0.420\*\*\* | 0.114\*\* | 0.323\*\*\* | 0.677\*\*\* | -- | -- | -- | -- | -- | -- |
| 8. AR\_2 | 0.175\*\*\* | 0.395\*\*\* | 0.213\*\*\* | 0.664\*\*\* | 0.348\*\*\* | 0.536\*\*\* | 0.231\*\*\* | -- | -- | -- | -- | -- |
| 9. HAB\_3 | 0.396\*\*\* | 0.200\*\*\* | 0.124\*\*\* | 0.224\*\*\* | 0.573\*\*\* | 0.221\*\*\* | 0.155\*\*\* | 0.226\*\*\* | -- | -- | -- | -- |
| 10. AD\_3 | 0.145\*\*\* | 0.275\*\*\* | 0.197\*\*\* | 0.281\*\*\* | 0.251\*\*\* | 0.401\*\*\* | 0.356\*\*\* | 0.349\*\*\* | 0.411\*\*\* | -- | -- | -- |
| 11. SD\_3 | 0.106\*\* | 0.209\*\*\* | 0.338\*\*\* | 0.140\*\*\* | 0.177\*\*\* | 0.278\*\*\* | 0.465\*\*\* | 0.151\*\* | 0.279\*\*\* | 0.796\*\*\* | -- | -- |
| 12. AR\_3 | 0.141\*\*\* | 0.341\*\*\* | 0.152\*\*\* | 0.552\*\*\* | 0.227\*\*\* | 0.331\*\*\* | 0.132\*\*\* | 0.660\*\*\* | 0.391\*\*\* | 0.588\*\*\* | 0.311\*\*\* | -- |

## Tables

### Table 1

Table : caption 1

| mpg | cyl | disp | hp | drat | wt | qsec | vs | am | gear | carb |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 21.0 | 6 | 160 | 110 | 3.90 | 2.620 | 16.46 | 0 | 1 | 4 | 4 |
| 21.0 | 6 | 160 | 110 | 3.90 | 2.875 | 17.02 | 0 | 1 | 4 | 4 |
| 22.8 | 4 | 108 | 93 | 3.85 | 2.320 | 18.61 | 1 | 1 | 4 | 1 |
| 21.4 | 6 | 258 | 110 | 3.08 | 3.215 | 19.44 | 1 | 0 | 3 | 1 |
| 18.7 | 8 | 360 | 175 | 3.15 | 3.440 | 17.02 | 0 | 0 | 3 | 2 |
| 18.1 | 6 | 225 | 105 | 2.76 | 3.460 | 20.22 | 1 | 0 | 3 | 1 |

### Table 2

Table : iris

| Sepal.Length | Sepal.Width | Petal.Length | Petal.Width | Species |
| --- | --- | --- | --- | --- |
| 5.1 | 3.5 | 1.4 | 0.2 | setosa |
| 4.9 | 3.0 | 1.4 | 0.2 | setosa |
| 4.7 | 3.2 | 1.3 | 0.2 | setosa |
| 4.6 | 3.1 | 1.5 | 0.2 | setosa |
| 5.0 | 3.6 | 1.4 | 0.2 | setosa |
| 5.4 | 3.9 | 1.7 | 0.4 | setosa |

### Table 3

Table : cars

| speed | dist |
| --- | --- |
| 4 | 2 |
| 4 | 10 |
| 7 | 4 |
| 7 | 22 |
| 8 | 16 |
| 9 | 10 |

## figures

### A boxplot

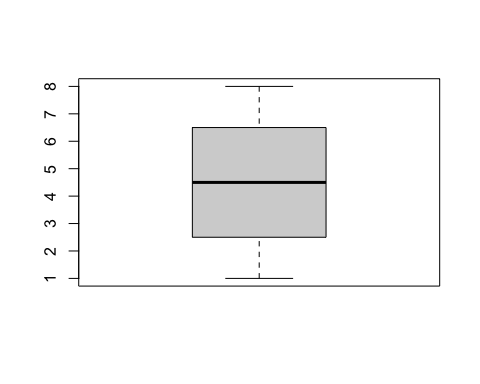


Figure : A boxplot

### A barplot

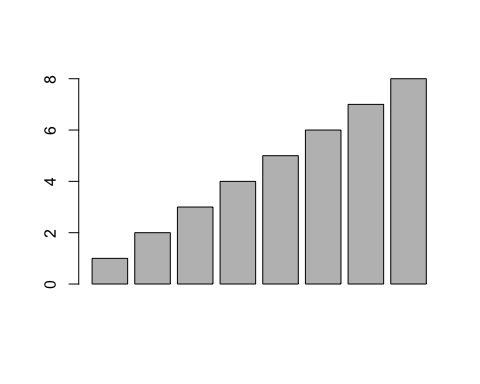


Figure : What a barplot

## Lists

Amet nunc eros curabitur tellus massa, eros maximus porttitor sociosqu, pellentesque.

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  + A adipiscing per ultricies justo tellus lorem.
    - Imperdiet ut dui primis, sed gravida, at sed nulla.
    - Sem posuere lacus consequat inceptos dapibus duis malesuada finibus.
  + Urna sed dui, ornare, eu turpis mus pellentesque amet amet bibendum.
* Himenaeos tincidunt, auctor dapibus scelerisque, montes nunc faucibus sodales malesuada ridiculus sed cubilia ligula.

1. Erat mauris egestas finibus tincidunt sed in rhoncus a tellus etiam.
   1. A adipiscing per ultricies justo tellus lorem.
      1. Imperdiet ut dui primis, sed gravida, at sed nulla.
      2. Sem posuere lacus consequat inceptos dapibus duis malesuada finibus.
   2. Urna sed dui, ornare, eu turpis mus pellentesque amet amet bibendum.
2. Himenaeos tincidunt, auctor dapibus scelerisque, montes nunc faucibus sodales malesuada ridiculus sed cubilia ligula.

Lorem dolor interdum orci eros pellentesque semper tristique, sodales, et sed ut! Porta mattis natoque et. Ac facilisi ipsum viverra elementum vestibulum ligula amet enim magnis luctus ullamcorper. Rhoncus rhoncus elit in at nisl. Tincidunt habitant sit.

* Aptent conubia quam montes id sagittis.
  + Mattis nisi nascetur, aliquam duis ex, tristique.
    - Imperdiet ut dui primis, sed gravida, at sed nulla.
    - Donec ligula nulla ac. Nisl ac at accumsan sagittis eros felis lobortis amet nec phasellus urna bibendum sapien.
  + Eu dui ac id, dictum proin consectetur convallis.
* Facilisi eu lectus mauris lorem. Et sed sapien pellentesque sed etiam vehicula.
* In porttitor id lorem eu efficitur, nisl dis!

## Reference

see figure and table !