Reliability analysis

Call: alpha(x = Pre\_CC\_Q)

lower alpha upper 95% confidence boundaries

0.68 0.72 0.75

Reliability if an item is dropped:

Item statistics

Non missing response frequency for each item

0 1 miss

Q8 0.24 0.76 0.01

Q11 0.61 0.39 0.01

Q12 0.28 0.72 0.01

Q13 0.61 0.39 0.01

Q15 0.29 0.71 0.09

Q16 0.66 0.34 0.01

Q17 0.22 0.78 0.01

Q18 0.53 0.47 0.01

Q19 0.49 0.51 0.01

Q24 0.55 0.45 0.01

|  | **raw\_alpha**  <dbl> | **std.alpha**  <dbl> | **G6(smc)**  <dbl> | **average\_r**  <dbl> | **S/N**  <dbl> | **ase**  <dbl> | **mean**  <dbl> | **sd**  <dbl> |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 0.7184224 | 0.7094004 | 0.7442481 | 0.1962165 | 2.441161 | 0.01745082 | 0.5491319 | 0.2511318 |  |

| **raw\_alpha**  <dbl> | **std.alpha**  <dbl> | **G6(smc)**  <dbl> | **average\_r**  <dbl> | **S/N**  <dbl> | **alpha se**  <dbl> | **var.r**  <dbl> | **med.r**  <dbl> |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Q8 | 0.7300648 | 0.7230995 | 0.7564233 | 0.2249000 | 2.611405 | 0.01688139 | 0.04131917 | 0.1532343 |
| Q11 | 0.6605187 | 0.6521784 | 0.6816833 | 0.1724166 | 1.875037 | 0.02139999 | 0.02786977 | 0.1209360 |
| Q12 | 0.7327117 | 0.7232631 | 0.7513249 | 0.2250425 | 2.613540 | 0.01652624 | 0.03946205 | 0.1467428 |
| Q13 | 0.6758251 | 0.6670246 | 0.7018669 | 0.1820580 | 2.003225 | 0.02040736 | 0.03088128 | 0.1268343 |
| Q15 | 0.7027404 | 0.6919574 | 0.7320174 | 0.1997371 | 2.246305 | 0.01844620 | 0.04497924 | 0.1121404 |
| Q16 | 0.6493461 | 0.6394328 | 0.6720786 | 0.1646098 | 1.773408 | 0.02213186 | 0.02651068 | 0.1209360 |
| Q17 | 0.7261184 | 0.7186710 | 0.7463019 | 0.2210865 | 2.554557 | 0.01695453 | 0.04057779 | 0.1525309 |
| Q18 | 0.6612819 | 0.6535416 | 0.6848549 | 0.1732766 | 1.886349 | 0.02137779 | 0.03021521 | 0.1209360 |
| Q19 | 0.6775173 | 0.6682572 | 0.7017930 | 0.1828866 | 2.014384 | 0.02024051 | 0.03627335 | 0.1195658 |
| Q24 | 0.7250149 | 0.7127931 | 0.7476311 | 0.2161515 | 2.481811 | 0.01701914 | 0.04314780 | 0.1334584 |

|  | **n**  <dbl> | **raw.r**  <dbl> | **std.r**  <dbl> | **r.cor**  <dbl> | **r.drop**  <dbl> | **mean**  <dbl> | **sd**  <dbl> |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Q8 | 539 | 0.3065908 | 0.3295812 | 0.1706590 | 0.1431164 | 0.7625232 | 0.4259321 |
| Q11 | 540 | 0.7031021 | 0.6888358 | 0.6982562 | 0.5810207 | 0.3888889 | 0.4879500 |
| Q12 | 541 | 0.3137376 | 0.3286059 | 0.1852729 | 0.1362740 | 0.7171904 | 0.4507815 |
| Q13 | 537 | 0.6374280 | 0.6228396 | 0.5948114 | 0.4960113 | 0.3947858 | 0.4892604 |
| Q15 | 497 | 0.5036697 | 0.5018239 | 0.3917802 | 0.3375270 | 0.7122736 | 0.4531590 |
| Q16 | 537 | 0.7499944 | 0.7422746 | 0.7671461 | 0.6498253 | 0.3351955 | 0.4724989 |
| Q17 | 539 | 0.3279297 | 0.3556851 | 0.2227682 | 0.1681671 | 0.7773655 | 0.4164013 |
| Q18 | 537 | 0.6965118 | 0.6829493 | 0.6784393 | 0.5726953 | 0.4655493 | 0.4992768 |
| Q19 | 537 | 0.6327744 | 0.6171675 | 0.5783479 | 0.4845254 | 0.5102421 | 0.5003612 |
| Q24 | 539 | 0.3973442 | 0.3894658 | 0.2496456 | 0.2079537 | 0.4489796 | 0.4978522 |