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| Results for Simulation Study ITable 1: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.056 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.144 |
| **0.2** | 0.044 | 0.976 | 0.103 | 4.307 |
| **0.3** | 0.067 | 0.948 | 0.241 | 4.593 |
| **0.4** | 0.086 | 0.924 | 0.391 | 5.146 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.752 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.840 |
| **0.2** | 0.044 | 0.974 | 0.103 | 4.004 |
| **0.3** | 0.067 | 0.944 | 0.241 | 4.289 |
| **0.4** | 0.086 | 0.919 | 0.391 | 4.842 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.889 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.975 |
| **0.2** | 0.044 | 0.975 | 0.103 | 4.139 |
| **0.3** | 0.067 | 0.946 | 0.241 | 4.424 |
| **0.4** | 0.086 | 0.922 | 0.391 | 4.977 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.332 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.418 |
| **0.2** | 0.044 | 0.971 | 0.103 | 3.582 |
| **0.3** | 0.067 | 0.938 | 0.241 | 3.868 |
| **0.4** | 0.086 | 0.912 | 0.391 | 4.420 |
| *Note*: CR=Correlated Residual; MCAR= Missing completely at random; DF= Different factor; FminB=Fmin for the baseline model. | | | | | |
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| Table 2: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.056 |
| **0.1** | 0.019 | 0.995 | 0.020 | 4.125 |
| **0.2** | 0.040 | 0.980 | 0.084 | 4.256 |
| **0.3** | 0.062 | 0.955 | 0.201 | 4.484 |
| **0.4** | 0.080 | 0.931 | 0.340 | 4.927 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.752 |
| **0.1** | 0.015 | 0.997 | 0.013 | 3.794 |
| **0.2** | 0.032 | 0.986 | 0.054 | 3.876 |
| **0.3** | 0.050 | 0.967 | 0.132 | 4.019 |
| **0.4** | 0.068 | 0.944 | 0.242 | 4.298 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.889 |
| **0.1** | 0.019 | 0.995 | 0.020 | 3.956 |
| **0.2** | 0.040 | 0.980 | 0.083 | 4.087 |
| **0.3** | 0.061 | 0.955 | 0.196 | 4.316 |
| **0.4** | 0.078 | 0.932 | 0.322 | 4.758 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.332 |
| **0.1** | 0.015 | 0.996 | 0.013 | 3.373 |
| **0.2** | 0.031 | 0.985 | 0.052 | 3.456 |
| **0.3** | 0.049 | 0.965 | 0.126 | 3.598 |
| **0.4** | 0.064 | 0.945 | 0.214 | 3.876 |
| *Note*: CR=Correlated Residual; MCAR= Missing completely at random; SF= Same factor; FminB=Fmin for the baseline model. | | | | | |
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| Table 3: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.176 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.263 |
| **0.2** | 0.045 | 0.976 | 0.106 | 4.426 |
| **0.3** | 0.069 | 0.946 | 0.254 | 4.710 |
| **0.4** | 0.089 | 0.920 | 0.423 | 5.263 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.869 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.956 |
| **0.2** | 0.045 | 0.974 | 0.106 | 4.120 |
| **0.3** | 0.069 | 0.942 | 0.253 | 4.403 |
| **0.4** | 0.089 | 0.915 | 0.422 | 4.956 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.004 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.090 |
| **0.2** | 0.045 | 0.975 | 0.106 | 4.253 |
| **0.3** | 0.069 | 0.944 | 0.253 | 4.537 |
| **0.4** | 0.089 | 0.917 | 0.422 | 5.091 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.438 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.525 |
| **0.2** | 0.045 | 0.971 | 0.106 | 3.688 |
| **0.3** | 0.069 | 0.936 | 0.252 | 3.973 |
| **0.4** | 0.089 | 0.907 | 0.419 | 4.525 |
| *Note*: CR=Correlated Residual; MCAR= Missing completely at random; DF= Different factor; FminB=Fmin for the baseline model. | | | | | |
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| Table 4: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.176 |
| **0.1** | 0.020 | 0.995 | 0.020 | 4.245 |
| **0.2** | 0.040 | 0.980 | 0.086 | 4.376 |
| **0.3** | 0.063 | 0.954 | 0.210 | 4.604 |
| **0.4** | 0.083 | 0.927 | 0.367 | 5.046 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.869 |
| **0.1** | 0.016 | 0.997 | 0.013 | 3.914 |
| **0.2** | 0.032 | 0.986 | 0.055 | 3.995 |
| **0.3** | 0.051 | 0.967 | 0.137 | 4.138 |
| **0.4** | 0.070 | 0.942 | 0.258 | 4.414 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.004 |
| **0.1** | 0.020 | 0.995 | 0.020 | 4.072 |
| **0.2** | 0.040 | 0.980 | 0.085 | 4.202 |
| **0.3** | 0.062 | 0.954 | 0.206 | 4.431 |
| **0.4** | 0.081 | 0.928 | 0.350 | 4.873 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.438 |
| **0.1** | 0.016 | 0.996 | 0.013 | 3.481 |
| **0.2** | 0.032 | 0.985 | 0.054 | 3.564 |
| **0.3** | 0.050 | 0.964 | 0.132 | 3.707 |
| **0.4** | 0.066 | 0.942 | 0.232 | 3.982 |
| *Note*: MCAR=missing completely at random; FC=Factor correlation; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 5: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.667 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.746 |
| **0.2** | 0.048 | 0.975 | 0.120 | 4.905 |
| **0.3** | 0.076 | 0.941 | 0.305 | 5.186 |
| **0.4** | 0.105 | 0.899 | 0.581 | 5.735 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.346 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.426 |
| **0.2** | 0.048 | 0.974 | 0.120 | 4.583 |
| **0.3** | 0.076 | 0.938 | 0.304 | 4.866 |
| **0.4** | 0.104 | 0.894 | 0.575 | 5.415 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.473 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.553 |
| **0.2** | 0.048 | 0.975 | 0.120 | 4.712 |
| **0.3** | 0.076 | 0.939 | 0.303 | 4.994 |
| **0.4** | 0.104 | 0.897 | 0.573 | 5.544 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.863 |
| **0.1** | 0.023 | 0.993 | 0.028 | 3.944 |
| **0.2** | 0.047 | 0.971 | 0.118 | 4.102 |
| **0.3** | 0.075 | 0.932 | 0.297 | 4.385 |
| **0.4** | 0.102 | 0.888 | 0.554 | 4.935 |
| *Note*: MCAR=Missing completely at random; DF= Different factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 6: Conditions: Number of CR=1; Missing Mechanism=MCAR; Factor Correlation=0.8; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.667 |
| **0.1** | 0.021 | 0.995 | 0.023 | 4.731 |
| **0.2** | 0.043 | 0.980 | 0.097 | 4.857 |
| **0.3** | 0.069 | 0.951 | 0.249 | 5.082 |
| **0.4** | 0.097 | 0.909 | 0.500 | 5.522 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.346 |
| **0.1** | 0.016 | 0.997 | 0.014 | 4.387 |
| **0.2** | 0.034 | 0.986 | 0.061 | 4.466 |
| **0.3** | 0.055 | 0.966 | 0.158 | 4.607 |
| **0.4** | 0.080 | 0.931 | 0.339 | 4.881 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.473 |
| **0.1** | 0.021 | 0.995 | 0.023 | 4.537 |
| **0.2** | 0.043 | 0.979 | 0.097 | 4.664 |
| **0.3** | 0.068 | 0.949 | 0.248 | 4.890 |
| **0.4** | 0.096 | 0.909 | 0.487 | 5.329 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.863 |
| **0.1** | 0.016 | 0.996 | 0.014 | 3.904 |
| **0.2** | 0.034 | 0.985 | 0.061 | 3.983 |
| **0.3** | 0.054 | 0.962 | 0.156 | 4.123 |
| **0.4** | 0.078 | 0.927 | 0.323 | 4.399 |
| *Note*: MCAR=Missing completely at random; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 7: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.915 |
| **0.2** | 0.044 | 0.975 | 0.103 | 4.079 |
| **0.3** | 0.067 | 0.945 | 0.241 | 4.365 |
| **0.4** | 0.086 | 0.921 | 0.391 | 4.919 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.715 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.799 |
| **0.2** | 0.044 | 0.974 | 0.103 | 3.963 |
| **0.3** | 0.067 | 0.943 | 0.241 | 4.249 |
| **0.4** | 0.086 | 0.919 | 0.391 | 4.801 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.461 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.547 |
| **0.2** | 0.044 | 0.972 | 0.103 | 3.711 |
| **0.3** | 0.067 | 0.940 | 0.241 | 3.997 |
| **0.4** | 0.086 | 0.914 | 0.391 | 4.552 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.256 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.340 |
| **0.2** | 0.044 | 0.971 | 0.103 | 3.504 |
| **0.3** | 0.067 | 0.936 | 0.241 | 3.790 |
| **0.4** | 0.086 | 0.910 | 0.391 | 4.339 |
| *Note*: MAR=Missing at random; FC=Factor correlation; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 8: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0; Location of Misfit=SF) | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.017 | 0.996 | 0.016 | 3.888 |
| **0.2** | 0.036 | 0.983 | 0.067 | 3.993 |
| **0.3** | 0.055 | 0.962 | 0.161 | 4.180 |
| **0.4** | 0.072 | 0.939 | 0.276 | 4.539 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.715 |
| **0.1** | 0.015 | 0.997 | 0.012 | 3.757 |
| **0.2** | 0.031 | 0.986 | 0.053 | 3.839 |
| **0.3** | 0.049 | 0.968 | 0.128 | 3.982 |
| **0.4** | 0.066 | 0.946 | 0.232 | 4.260 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.461 |
| **0.1** | 0.017 | 0.996 | 0.016 | 3.521 |
| **0.2** | 0.035 | 0.982 | 0.065 | 3.624 |
| **0.3** | 0.054 | 0.960 | 0.153 | 3.814 |
| **0.4** | 0.068 | 0.941 | 0.247 | 4.171 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.256 |
| **0.1** | 0.015 | 0.996 | 0.012 | 3.297 |
| **0.2** | 0.031 | 0.985 | 0.051 | 3.380 |
| **0.3** | 0.048 | 0.966 | 0.122 | 3.524 |
| **0.4** | 0.062 | 0.947 | 0.203 | 3.801 |
| *Note*: MAR=Missing at random; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 9: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.949 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.039 |
| **0.2** | 0.045 | 0.975 | 0.106 | 4.200 |
| **0.3** | 0.069 | 0.943 | 0.254 | 4.484 |
| **0.4** | 0.089 | 0.916 | 0.423 | 5.038 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.919 |
| **0.2** | 0.045 | 0.974 | 0.106 | 4.082 |
| **0.3** | 0.069 | 0.942 | 0.254 | 4.365 |
| **0.4** | 0.089 | 0.914 | 0.422 | 4.916 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.575 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.665 |
| **0.2** | 0.045 | 0.972 | 0.106 | 3.825 |
| **0.3** | 0.069 | 0.938 | 0.253 | 4.112 |
| **0.4** | 0.089 | 0.910 | 0.420 | 4.665 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.362 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.451 |
| **0.2** | 0.045 | 0.971 | 0.106 | 3.611 |
| **0.3** | 0.069 | 0.935 | 0.252 | 3.895 |
| **0.4** | 0.089 | 0.906 | 0.419 | 4.448 |
| *Note*: MAR=Missing at random; DF= Different factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 10: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.949 |
| **0.1** | 0.018 | 0.996 | 0.017 | 4.008 |
| **0.2** | 0.036 | 0.983 | 0.069 | 4.113 |
| **0.3** | 0.056 | 0.961 | 0.168 | 4.299 |
| **0.4** | 0.075 | 0.937 | 0.296 | 4.658 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.016 | 0.997 | 0.013 | 3.875 |
| **0.2** | 0.032 | 0.986 | 0.054 | 3.957 |
| **0.3** | 0.050 | 0.968 | 0.133 | 4.102 |
| **0.4** | 0.068 | 0.944 | 0.247 | 4.374 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.575 |
| **0.1** | 0.018 | 0.996 | 0.016 | 3.633 |
| **0.2** | 0.036 | 0.982 | 0.068 | 3.739 |
| **0.3** | 0.055 | 0.959 | 0.162 | 3.925 |
| **0.4** | 0.071 | 0.937 | 0.270 | 4.282 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.362 |
| **0.1** | 0.016 | 0.996 | 0.013 | 3.404 |
| **0.2** | 0.032 | 0.985 | 0.053 | 3.488 |
| **0.3** | 0.049 | 0.965 | 0.127 | 3.634 |
| **0.4** | 0.064 | 0.944 | 0.220 | 3.904 |
| *Note*: MAR=Missing at random; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 11: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.434 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.513 |
| **0.2** | 0.048 | 0.974 | 0.120 | 4.672 |
| **0.3** | 0.076 | 0.939 | 0.304 | 4.955 |
| **0.4** | 0.104 | 0.895 | 0.578 | 5.503 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.309 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.386 |
| **0.2** | 0.048 | 0.974 | 0.120 | 4.547 |
| **0.3** | 0.076 | 0.937 | 0.303 | 4.827 |
| **0.4** | 0.104 | 0.893 | 0.575 | 5.377 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.023 |
| **0.1** | 0.023 | 0.993 | 0.028 | 4.103 |
| **0.2** | 0.047 | 0.972 | 0.119 | 4.262 |
| **0.3** | 0.075 | 0.934 | 0.300 | 4.546 |
| **0.4** | 0.103 | 0.889 | 0.563 | 5.094 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.788 |
| **0.1** | 0.023 | 0.993 | 0.028 | 3.866 |
| **0.2** | 0.047 | 0.971 | 0.118 | 4.029 |
| **0.3** | 0.075 | 0.931 | 0.297 | 4.310 |
| **0.4** | 0.102 | 0.886 | 0.553 | 4.858 |
| *Note*: MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 12: Conditions: Number of CR=1; Missing Mechanism=Weak MAR; Factor Correlation=0.8; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.434 |
| **0.1** | 0.019 | 0.996 | 0.018 | 4.487 |
| **0.2** | 0.038 | 0.983 | 0.078 | 4.593 |
| **0.3** | 0.061 | 0.958 | 0.199 | 4.773 |
| **0.4** | 0.087 | 0.922 | 0.401 | 5.130 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.309 |
| **0.1** | 0.017 | 0.997 | 0.014 | 4.348 |
| **0.2** | 0.034 | 0.986 | 0.061 | 4.427 |
| **0.3** | 0.054 | 0.966 | 0.155 | 4.569 |
| **0.4** | 0.078 | 0.933 | 0.326 | 4.843 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.023 |
| **0.1** | 0.019 | 0.996 | 0.018 | 4.076 |
| **0.2** | 0.038 | 0.982 | 0.077 | 4.184 |
| **0.3** | 0.061 | 0.955 | 0.197 | 4.365 |
| **0.4** | 0.085 | 0.919 | 0.382 | 4.720 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.788 |
| **0.1** | 0.016 | 0.996 | 0.014 | 3.827 |
| **0.2** | 0.034 | 0.985 | 0.061 | 3.907 |
| **0.3** | 0.054 | 0.962 | 0.153 | 4.048 |
| **0.4** | 0.076 | 0.929 | 0.308 | 4.321 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 13: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.886 |
| **0.1** | 0.022 | 0.994 | 0.025 | 3.971 |
| **0.2** | 0.044 | 0.975 | 0.103 | 4.135 |
| **0.3** | 0.067 | 0.946 | 0.241 | 4.421 |
| **0.4** | 0.086 | 0.921 | 0.391 | 4.975 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.587 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.672 |
| **0.2** | 0.044 | 0.973 | 0.103 | 3.836 |
| **0.3** | 0.067 | 0.942 | 0.241 | 4.122 |
| **0.4** | 0.086 | 0.916 | 0.391 | 4.674 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.391 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.547 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.633 |
| **0.2** | 0.044 | 0.973 | 0.103 | 3.796 |
| **0.3** | 0.067 | 0.941 | 0.241 | 4.082 |
| **0.4** | 0.086 | 0.916 | 0.391 | 4.636 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 2.999 |
| **0.1** | 0.022 | 0.992 | 0.025 | 3.085 |
| **0.2** | 0.044 | 0.968 | 0.103 | 3.249 |
| **0.3** | 0.067 | 0.932 | 0.241 | 3.534 |
| **0.4** | 0.086 | 0.904 | 0.391 | 4.085 |
| *Note*: MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 14: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.886 |
| **0.1** | 0.019 | 0.995 | 0.019 | 3.957 |
| **0.2** | 0.038 | 0.981 | 0.078 | 4.087 |
| **0.3** | 0.058 | 0.958 | 0.181 | 4.317 |
| **0.4** | 0.075 | 0.938 | 0.296 | 4.758 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.587 |
| **0.1** | 0.015 | 0.997 | 0.012 | 3.632 |
| **0.2** | 0.030 | 0.987 | 0.048 | 3.712 |
| **0.3** | 0.045 | 0.972 | 0.110 | 3.855 |
| **0.4** | 0.059 | 0.956 | 0.182 | 4.132 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.346 |
| **0.2** | 0.044 | 0.977 | 0.103 | 4.509 |
| **0.3** | 0.067 | 0.950 | 0.241 | 4.795 |
| **0.4** | 0.086 | 0.927 | 0.390 | 5.348 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.547 |
| **0.1** | 0.019 | 0.995 | 0.019 | 3.621 |
| **0.2** | 0.038 | 0.979 | 0.077 | 3.750 |
| **0.3** | 0.057 | 0.957 | 0.173 | 3.981 |
| **0.4** | 0.071 | 0.939 | 0.271 | 4.421 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 2.999 |
| **0.1** | 0.015 | 0.996 | 0.011 | 3.045 |
| **0.2** | 0.029 | 0.985 | 0.046 | 3.127 |
| **0.3** | 0.043 | 0.970 | 0.099 | 3.269 |
| **0.4** | 0.054 | 0.957 | 0.153 | 3.546 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 15: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.008 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.095 |
| **0.2** | 0.045 | 0.975 | 0.106 | 4.256 |
| **0.3** | 0.069 | 0.944 | 0.254 | 4.542 |
| **0.4** | 0.089 | 0.917 | 0.423 | 5.094 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.704 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.791 |
| **0.2** | 0.045 | 0.973 | 0.106 | 3.956 |
| **0.3** | 0.069 | 0.940 | 0.254 | 4.238 |
| **0.4** | 0.089 | 0.912 | 0.422 | 4.791 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.923 | 0.423 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.668 |
| **0.1** | 0.022 | 0.993 | 0.025 | 3.755 |
| **0.2** | 0.045 | 0.973 | 0.106 | 3.914 |
| **0.3** | 0.069 | 0.940 | 0.253 | 4.204 |
| **0.4** | 0.089 | 0.911 | 0.422 | 4.754 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.109 |
| **0.1** | 0.022 | 0.992 | 0.025 | 3.196 |
| **0.2** | 0.045 | 0.969 | 0.106 | 3.359 |
| **0.3** | 0.069 | 0.931 | 0.252 | 3.644 |
| **0.4** | 0.089 | 0.900 | 0.419 | 4.196 |
| *Note*: MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 16: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.008 |
| **0.1** | 0.019 | 0.995 | 0.020 | 4.078 |
| **0.2** | 0.039 | 0.981 | 0.081 | 4.209 |
| **0.3** | 0.060 | 0.957 | 0.191 | 4.440 |
| **0.4** | 0.078 | 0.934 | 0.321 | 4.878 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.704 |
| **0.1** | 0.015 | 0.997 | 0.012 | 3.750 |
| **0.2** | 0.031 | 0.987 | 0.050 | 3.830 |
| **0.3** | 0.047 | 0.971 | 0.116 | 3.974 |
| **0.4** | 0.061 | 0.954 | 0.194 | 4.250 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.022 | 0.994 | 0.025 | 4.467 |
| **0.2** | 0.045 | 0.977 | 0.106 | 4.630 |
| **0.3** | 0.069 | 0.948 | 0.254 | 4.915 |
| **0.4** | 0.089 | 0.922 | 0.424 | 5.467 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.668 |
| **0.1** | 0.019 | 0.995 | 0.020 | 3.738 |
| **0.2** | 0.039 | 0.979 | 0.080 | 3.869 |
| **0.3** | 0.059 | 0.955 | 0.185 | 4.100 |
| **0.4** | 0.075 | 0.934 | 0.297 | 4.537 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.109 |
| **0.1** | 0.015 | 0.996 | 0.012 | 3.153 |
| **0.2** | 0.030 | 0.985 | 0.048 | 3.232 |
| **0.3** | 0.045 | 0.968 | 0.107 | 3.379 |
| **0.4** | 0.056 | 0.954 | 0.167 | 3.653 |
| *Note:* MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 17: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.499 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.580 |
| **0.2** | 0.048 | 0.975 | 0.120 | 4.739 |
| **0.3** | 0.076 | 0.939 | 0.305 | 5.018 |
| **0.4** | 0.105 | 0.896 | 0.581 | 5.568 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.181 |
| **0.1** | 0.023 | 0.993 | 0.028 | 4.260 |
| **0.2** | 0.048 | 0.973 | 0.120 | 4.421 |
| **0.3** | 0.076 | 0.935 | 0.303 | 4.701 |
| **0.4** | 0.104 | 0.891 | 0.575 | 5.250 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.306 | 5.400 |
| **0.4** | 0.105 | 0.902 | 0.585 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.137 |
| **0.1** | 0.023 | 0.993 | 0.028 | 4.220 |
| **0.2** | 0.048 | 0.973 | 0.120 | 4.378 |
| **0.3** | 0.076 | 0.935 | 0.303 | 4.657 |
| **0.4** | 0.104 | 0.890 | 0.573 | 5.207 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.533 |
| **0.1** | 0.023 | 0.992 | 0.028 | 3.615 |
| **0.2** | 0.047 | 0.969 | 0.118 | 3.775 |
| **0.3** | 0.075 | 0.927 | 0.297 | 4.056 |
| **0.4** | 0.102 | 0.880 | 0.554 | 4.606 |
| *Note*: MAR=Missing at random;DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 18: Conditions: Number of CR=1; Missing Mechanism=Strong MAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.499 |
| **0.1** | 0.020 | 0.995 | 0.022 | 4.564 |
| **0.2** | 0.042 | 0.980 | 0.095 | 4.692 |
| **0.3** | 0.067 | 0.952 | 0.237 | 4.916 |
| **0.4** | 0.091 | 0.918 | 0.441 | 5.355 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.181 |
| **0.1** | 0.016 | 0.997 | 0.014 | 4.223 |
| **0.2** | 0.033 | 0.986 | 0.059 | 4.302 |
| **0.3** | 0.052 | 0.967 | 0.145 | 4.443 |
| **0.4** | 0.071 | 0.943 | 0.269 | 4.719 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.023 | 0.994 | 0.028 | 4.961 |
| **0.2** | 0.048 | 0.976 | 0.121 | 5.119 |
| **0.3** | 0.076 | 0.943 | 0.307 | 5.400 |
| **0.4** | 0.105 | 0.901 | 0.588 | 5.949 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.137 |
| **0.1** | 0.020 | 0.995 | 0.022 | 4.202 |
| **0.2** | 0.042 | 0.978 | 0.094 | 4.334 |
| **0.3** | 0.067 | 0.949 | 0.235 | 4.555 |
| **0.4** | 0.089 | 0.915 | 0.423 | 4.992 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.533 |
| **0.1** | 0.016 | 0.996 | 0.014 | 3.575 |
| **0.2** | 0.033 | 0.984 | 0.058 | 3.657 |
| **0.3** | 0.052 | 0.963 | 0.141 | 3.796 |
| **0.4** | 0.068 | 0.939 | 0.247 | 4.070 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 19: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount o1f Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.056 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.232 |
| **0.2** | 0.069 | 0.944 | 0.254 | 4.565 |
| **0.3** | 0.113 | 0.869 | 0.675 | 5.143 |
| **0.4** | 0.166 | 0.766 | 1.465 | 6.255 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.752 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.928 |
| **0.2** | 0.069 | 0.940 | 0.254 | 4.261 |
| **0.3** | 0.113 | 0.860 | 0.675 | 4.839 |
| **0.4** | 0.166 | 0.754 | 1.465 | 5.950 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.889 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.064 |
| **0.2** | 0.069 | 0.942 | 0.254 | 4.397 |
| **0.3** | 0.113 | 0.864 | 0.675 | 4.974 |
| **0.4** | 0.166 | 0.759 | 1.465 | 6.086 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.332 |
| **0.1** | 0.033 | 0.984 | 0.058 | 3.507 |
| **0.2** | 0.069 | 0.934 | 0.254 | 3.839 |
| **0.3** | 0.113 | 0.847 | 0.675 | 4.417 |
| **0.4** | 0.166 | 0.735 | 1.465 | 5.528 |
| *Note*: MCAR=Missing completely at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 20: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.056 |
| **0.1** | 0.031 | 0.988 | 0.049 | 4.218 |
| **0.2** | 0.064 | 0.952 | 0.218 | 4.519 |
| **0.3** | 0.104 | 0.886 | 0.577 | 5.041 |
| **0.4** | 0.150 | 0.803 | 1.192 | 6.042 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.752 |
| **0.1** | 0.026 | 0.991 | 0.037 | 3.894 |
| **0.2** | 0.055 | 0.962 | 0.159 | 4.149 |
| **0.3** | 0.087 | 0.913 | 0.399 | 4.587 |
| **0.4** | 0.121 | 0.856 | 0.779 | 5.422 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.889 |
| **0.1** | 0.030 | 0.989 | 0.046 | 4.027 |
| **0.2** | 0.062 | 0.953 | 0.204 | 4.293 |
| **0.3** | 0.101 | 0.886 | 0.542 | 4.755 |
| **0.4** | 0.149 | 0.791 | 1.180 | 5.645 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.332 |
| **0.1** | 0.023 | 0.992 | 0.029 | 3.418 |
| **0.2** | 0.049 | 0.964 | 0.128 | 3.584 |
| **0.3** | 0.080 | 0.912 | 0.340 | 3.872 |
| **0.4** | 0.119 | 0.831 | 0.748 | 4.428 |
| *Note*: MCAR=Missing completely at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 21: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.176 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.350 |
| **0.2** | 0.069 | 0.945 | 0.256 | 4.680 |
| **0.3** | 0.113 | 0.871 | 0.679 | 5.257 |
| **0.4** | 0.168 | 0.765 | 1.494 | 6.367 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.869 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.044 |
| **0.2** | 0.069 | 0.942 | 0.255 | 4.374 |
| **0.3** | 0.113 | 0.863 | 0.679 | 4.949 |
| **0.4** | 0.168 | 0.754 | 1.493 | 6.061 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.004 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.178 |
| **0.2** | 0.069 | 0.943 | 0.255 | 4.508 |
| **0.3** | 0.113 | 0.867 | 0.679 | 5.084 |
| **0.4** | 0.168 | 0.759 | 1.493 | 6.194 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.438 |
| **0.1** | 0.033 | 0.984 | 0.058 | 3.613 |
| **0.2** | 0.069 | 0.935 | 0.255 | 3.944 |
| **0.3** | 0.113 | 0.850 | 0.678 | 4.520 |
| **0.4** | 0.168 | 0.735 | 1.491 | 5.630 |
| *Note:* MCAR=Missing completely at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 22: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.176 |
| **0.1** | 0.031 | 0.988 | 0.050 | 4.337 |
| **0.2** | 0.065 | 0.952 | 0.221 | 4.636 |
| **0.3** | 0.105 | 0.887 | 0.583 | 5.157 |
| **0.4** | 0.152 | 0.801 | 1.222 | 6.157 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.869 |
| **0.1** | 0.027 | 0.991 | 0.037 | 4.008 |
| **0.2** | 0.055 | 0.962 | 0.163 | 4.262 |
| **0.3** | 0.088 | 0.913 | 0.411 | 4.700 |
| **0.4** | 0.124 | 0.853 | 0.812 | 5.535 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.004 |
| **0.1** | 0.030 | 0.989 | 0.047 | 4.143 |
| **0.2** | 0.062 | 0.953 | 0.205 | 4.407 |
| **0.3** | 0.101 | 0.888 | 0.544 | 4.868 |
| **0.4** | 0.151 | 0.791 | 1.204 | 5.757 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.438 |
| **0.1** | 0.023 | 0.992 | 0.029 | 3.525 |
| **0.2** | 0.049 | 0.965 | 0.129 | 3.690 |
| **0.3** | 0.080 | 0.914 | 0.341 | 3.978 |
| **0.4** | 0.120 | 0.832 | 0.763 | 4.533 |
| *Note*: MCAR=Missing completely at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 23: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.667 |
| **0.1** | 0.034 | 0.988 | 0.060 | 4.828 |
| **0.2** | 0.071 | 0.949 | 0.264 | 5.147 |
| **0.3** | 0.115 | 0.878 | 0.698 | 5.714 |
| **0.4** | 0.175 | 0.763 | 1.619 | 6.817 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.346 |
| **0.1** | 0.034 | 0.987 | 0.060 | 4.507 |
| **0.2** | 0.071 | 0.945 | 0.264 | 4.828 |
| **0.3** | 0.115 | 0.871 | 0.697 | 5.394 |
| **0.4** | 0.174 | 0.752 | 1.614 | 6.498 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.473 |
| **0.1** | 0.034 | 0.987 | 0.060 | 4.636 |
| **0.2** | 0.071 | 0.947 | 0.264 | 4.956 |
| **0.3** | 0.115 | 0.874 | 0.697 | 5.523 |
| **0.4** | 0.174 | 0.757 | 1.612 | 6.626 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.863 |
| **0.1** | 0.034 | 0.985 | 0.060 | 4.029 |
| **0.2** | 0.070 | 0.940 | 0.263 | 4.350 |
| **0.3** | 0.114 | 0.859 | 0.694 | 4.918 |
| **0.4** | 0.174 | 0.735 | 1.598 | 6.022 |
| *Note:* MCAR=Missing completely at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 24: Conditions: Number of CR=2; Missing Mechanism=MCAR; Factor Correlation=0.8; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.667 |
| **0.1** | 0.032 | 0.989 | 0.053 | 4.814 |
| **0.2** | 0.066 | 0.955 | 0.232 | 5.103 |
| **0.3** | 0.107 | 0.891 | 0.611 | 5.613 |
| **0.4** | 0.160 | 0.795 | 1.354 | 6.608 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.346 |
| **0.1** | 0.028 | 0.991 | 0.041 | 4.471 |
| **0.2** | 0.058 | 0.962 | 0.180 | 4.715 |
| **0.3** | 0.094 | 0.910 | 0.465 | 5.143 |
| **0.4** | 0.133 | 0.842 | 0.945 | 5.974 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.473 |
| **0.1** | 0.030 | 0.989 | 0.048 | 4.602 |
| **0.2** | 0.063 | 0.956 | 0.212 | 4.858 |
| **0.3** | 0.103 | 0.894 | 0.560 | 5.311 |
| **0.4** | 0.158 | 0.787 | 1.320 | 6.193 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.863 |
| **0.1** | 0.024 | 0.992 | 0.030 | 3.942 |
| **0.2** | 0.050 | 0.968 | 0.133 | 4.103 |
| **0.3** | 0.081 | 0.920 | 0.351 | 4.386 |
| **0.4** | 0.125 | 0.832 | 0.827 | 4.937 |
| *Note*: MCAR=Missing completely at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 25: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.006 |
| **0.2** | 0.069 | 0.942 | 0.254 | 4.339 |
| **0.3** | 0.113 | 0.863 | 0.675 | 4.917 |
| **0.4** | 0.166 | 0.757 | 1.465 | 6.029 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.715 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.889 |
| **0.2** | 0.069 | 0.940 | 0.254 | 4.220 |
| **0.3** | 0.113 | 0.859 | 0.675 | 4.798 |
| **0.4** | 0.166 | 0.752 | 1.465 | 5.909 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.461 |
| **0.1** | 0.033 | 0.984 | 0.058 | 3.638 |
| **0.2** | 0.069 | 0.936 | 0.254 | 3.972 |
| **0.3** | 0.113 | 0.852 | 0.675 | 4.549 |
| **0.4** | 0.166 | 0.741 | 1.465 | 5.661 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.256 |
| **0.1** | 0.033 | 0.983 | 0.058 | 3.429 |
| **0.2** | 0.069 | 0.933 | 0.254 | 3.760 |
| **0.3** | 0.113 | 0.844 | 0.675 | 4.338 |
| **0.4** | 0.166 | 0.731 | 1.465 | 5.449 |
| *Note:* MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 26: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.029 | 0.989 | 0.043 | 3.983 |
| **0.2** | 0.060 | 0.956 | 0.190 | 4.262 |
| **0.3** | 0.096 | 0.897 | 0.488 | 4.741 |
| **0.4** | 0.135 | 0.828 | 0.972 | 5.661 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.715 |
| **0.1** | 0.026 | 0.991 | 0.037 | 3.855 |
| **0.2** | 0.055 | 0.961 | 0.159 | 4.112 |
| **0.3** | 0.087 | 0.913 | 0.397 | 4.549 |
| **0.4** | 0.121 | 0.856 | 0.775 | 5.388 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.461 |
| **0.1** | 0.027 | 0.989 | 0.038 | 3.580 |
| **0.2** | 0.056 | 0.956 | 0.165 | 3.796 |
| **0.3** | 0.091 | 0.895 | 0.439 | 4.170 |
| **0.4** | 0.134 | 0.806 | 0.948 | 4.892 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.256 |
| **0.1** | 0.023 | 0.991 | 0.029 | 3.343 |
| **0.2** | 0.049 | 0.964 | 0.128 | 3.511 |
| **0.3** | 0.080 | 0.910 | 0.340 | 3.800 |
| **0.4** | 0.118 | 0.830 | 0.742 | 4.355 |
| *Note:* MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 27: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.949 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.125 |
| **0.2** | 0.069 | 0.943 | 0.255 | 4.458 |
| **0.3** | 0.113 | 0.865 | 0.679 | 5.031 |
| **0.4** | 0.168 | 0.757 | 1.493 | 6.141 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.005 |
| **0.2** | 0.069 | 0.941 | 0.255 | 4.337 |
| **0.3** | 0.113 | 0.862 | 0.679 | 4.914 |
| **0.4** | 0.168 | 0.752 | 1.493 | 6.021 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.575 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.751 |
| **0.2** | 0.069 | 0.938 | 0.255 | 4.087 |
| **0.3** | 0.113 | 0.854 | 0.679 | 4.658 |
| **0.4** | 0.168 | 0.741 | 1.492 | 5.767 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.362 |
| **0.1** | 0.033 | 0.984 | 0.058 | 3.537 |
| **0.2** | 0.069 | 0.934 | 0.255 | 3.868 |
| **0.3** | 0.113 | 0.847 | 0.678 | 4.445 |
| **0.4** | 0.168 | 0.732 | 1.491 | 5.552 |
| *Note*: MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 28: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.949 |
| **0.1** | 0.029 | 0.989 | 0.044 | 4.103 |
| **0.2** | 0.060 | 0.956 | 0.192 | 4.378 |
| **0.3** | 0.097 | 0.898 | 0.497 | 4.856 |
| **0.4** | 0.138 | 0.826 | 1.003 | 5.775 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.830 |
| **0.1** | 0.026 | 0.991 | 0.037 | 3.971 |
| **0.2** | 0.056 | 0.961 | 0.163 | 4.226 |
| **0.3** | 0.088 | 0.912 | 0.410 | 4.663 |
| **0.4** | 0.123 | 0.854 | 0.805 | 5.498 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.575 |
| **0.1** | 0.027 | 0.990 | 0.038 | 3.693 |
| **0.2** | 0.056 | 0.957 | 0.166 | 3.906 |
| **0.3** | 0.091 | 0.897 | 0.441 | 4.281 |
| **0.4** | 0.135 | 0.807 | 0.966 | 5.005 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.362 |
| **0.1** | 0.023 | 0.992 | 0.029 | 3.450 |
| **0.2** | 0.049 | 0.964 | 0.130 | 3.616 |
| **0.3** | 0.080 | 0.913 | 0.342 | 3.905 |
| **0.4** | 0.119 | 0.830 | 0.757 | 4.462 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 29: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.434 |
| **0.1** | 0.034 | 0.987 | 0.060 | 4.594 |
| **0.2** | 0.071 | 0.946 | 0.264 | 4.914 |
| **0.3** | 0.115 | 0.873 | 0.697 | 5.481 |
| **0.4** | 0.175 | 0.755 | 1.616 | 6.584 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.309 |
| **0.1** | 0.034 | 0.987 | 0.060 | 4.469 |
| **0.2** | 0.071 | 0.945 | 0.264 | 4.791 |
| **0.3** | 0.115 | 0.870 | 0.697 | 5.355 |
| **0.4** | 0.174 | 0.750 | 1.614 | 6.459 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.023 |
| **0.1** | 0.034 | 0.986 | 0.060 | 4.185 |
| **0.2** | 0.071 | 0.942 | 0.264 | 4.506 |
| **0.3** | 0.115 | 0.863 | 0.696 | 5.074 |
| **0.4** | 0.174 | 0.740 | 1.605 | 6.178 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.788 |
| **0.1** | 0.034 | 0.985 | 0.060 | 3.950 |
| **0.2** | 0.070 | 0.939 | 0.263 | 4.275 |
| **0.3** | 0.114 | 0.857 | 0.694 | 4.839 |
| **0.4** | 0.174 | 0.731 | 1.598 | 5.945 |
| *Note:* MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 30: Conditions: Number of CR=2; Missing Mechanism=Weak MAR; Factor Correlation=0.8; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.434 |
| **0.1** | 0.030 | 0.990 | 0.047 | 4.569 |
| **0.2** | 0.062 | 0.957 | 0.206 | 4.840 |
| **0.3** | 0.101 | 0.898 | 0.541 | 5.307 |
| **0.4** | 0.146 | 0.817 | 1.137 | 6.220 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.309 |
| **0.1** | 0.028 | 0.991 | 0.041 | 4.433 |
| **0.2** | 0.058 | 0.962 | 0.180 | 4.678 |
| **0.3** | 0.094 | 0.909 | 0.466 | 5.106 |
| **0.4** | 0.133 | 0.842 | 0.939 | 5.938 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.023 |
| **0.1** | 0.027 | 0.990 | 0.039 | 4.125 |
| **0.2** | 0.057 | 0.960 | 0.172 | 4.340 |
| **0.3** | 0.093 | 0.903 | 0.456 | 4.706 |
| **0.4** | 0.141 | 0.806 | 1.053 | 5.424 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.788 |
| **0.1** | 0.024 | 0.992 | 0.030 | 3.863 |
| **0.2** | 0.050 | 0.967 | 0.134 | 4.026 |
| **0.3** | 0.081 | 0.918 | 0.352 | 4.311 |
| **0.4** | 0.125 | 0.831 | 0.823 | 4.863 |
| *Note:* MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 31: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.886 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.062 |
| **0.2** | 0.069 | 0.942 | 0.254 | 4.395 |
| **0.3** | 0.113 | 0.864 | 0.675 | 4.973 |
| **0.4** | 0.166 | 0.759 | 1.465 | 6.084 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.587 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.761 |
| **0.2** | 0.069 | 0.938 | 0.254 | 4.094 |
| **0.3** | 0.113 | 0.855 | 0.675 | 4.671 |
| **0.4** | 0.166 | 0.747 | 1.465 | 5.783 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.547 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.724 |
| **0.2** | 0.069 | 0.937 | 0.254 | 4.056 |
| **0.3** | 0.113 | 0.854 | 0.675 | 4.634 |
| **0.4** | 0.166 | 0.745 | 1.465 | 5.746 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 2.999 |
| **0.1** | 0.033 | 0.982 | 0.058 | 3.172 |
| **0.2** | 0.069 | 0.928 | 0.254 | 3.507 |
| **0.3** | 0.113 | 0.835 | 0.675 | 4.084 |
| **0.4** | 0.166 | 0.718 | 1.465 | 5.196 |
| *Note*: MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 32: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.886 |
| **0.1** | 0.030 | 0.988 | 0.049 | 4.051 |
| **0.2** | 0.064 | 0.950 | 0.218 | 4.352 |
| **0.3** | 0.104 | 0.882 | 0.574 | 4.875 |
| **0.4** | 0.148 | 0.803 | 1.155 | 5.875 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.587 |
| **0.1** | 0.026 | 0.990 | 0.037 | 3.728 |
| **0.2** | 0.055 | 0.960 | 0.158 | 3.983 |
| **0.3** | 0.086 | 0.912 | 0.388 | 4.423 |
| **0.4** | 0.118 | 0.859 | 0.742 | 5.260 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.258 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.435 |
| **0.2** | 0.069 | 0.947 | 0.254 | 4.767 |
| **0.3** | 0.113 | 0.874 | 0.675 | 5.344 |
| **0.4** | 0.166 | 0.773 | 1.465 | 6.456 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.547 |
| **0.1** | 0.029 | 0.988 | 0.046 | 3.694 |
| **0.2** | 0.062 | 0.949 | 0.202 | 3.960 |
| **0.3** | 0.101 | 0.878 | 0.539 | 4.421 |
| **0.4** | 0.146 | 0.787 | 1.134 | 5.312 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 2.999 |
| **0.1** | 0.023 | 0.991 | 0.029 | 3.090 |
| **0.2** | 0.049 | 0.961 | 0.126 | 3.255 |
| **0.3** | 0.080 | 0.905 | 0.337 | 3.545 |
| **0.4** | 0.114 | 0.831 | 0.694 | 4.102 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 33: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0.4; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.008 |
| **0.1** | 0.033 | 0.986 | 0.058 | 4.182 |
| **0.2** | 0.069 | 0.943 | 0.256 | 4.514 |
| **0.3** | 0.113 | 0.867 | 0.679 | 5.088 |
| **0.4** | 0.168 | 0.759 | 1.494 | 6.197 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.704 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.878 |
| **0.2** | 0.069 | 0.939 | 0.255 | 4.209 |
| **0.3** | 0.113 | 0.858 | 0.679 | 4.785 |
| **0.4** | 0.168 | 0.747 | 1.493 | 5.895 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.494 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.668 |
| **0.1** | 0.033 | 0.985 | 0.058 | 3.842 |
| **0.2** | 0.069 | 0.939 | 0.255 | 4.174 |
| **0.3** | 0.113 | 0.857 | 0.679 | 4.747 |
| **0.4** | 0.168 | 0.745 | 1.493 | 5.857 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.109 |
| **0.1** | 0.033 | 0.982 | 0.058 | 3.283 |
| **0.2** | 0.069 | 0.929 | 0.255 | 3.613 |
| **0.3** | 0.113 | 0.838 | 0.678 | 4.189 |
| **0.4** | 0.168 | 0.719 | 1.491 | 5.301 |
| *Note:* MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 34: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0.4; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.008 |
| **0.1** | 0.031 | 0.988 | 0.050 | 4.170 |
| **0.2** | 0.064 | 0.951 | 0.221 | 4.470 |
| **0.3** | 0.105 | 0.884 | 0.581 | 4.990 |
| **0.4** | 0.150 | 0.802 | 1.189 | 5.991 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.704 |
| **0.1** | 0.026 | 0.990 | 0.037 | 3.845 |
| **0.2** | 0.055 | 0.960 | 0.163 | 4.100 |
| **0.3** | 0.087 | 0.912 | 0.401 | 4.535 |
| **0.4** | 0.121 | 0.856 | 0.774 | 5.371 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.381 |
| **0.1** | 0.033 | 0.987 | 0.058 | 4.555 |
| **0.2** | 0.069 | 0.948 | 0.256 | 4.885 |
| **0.3** | 0.113 | 0.876 | 0.679 | 5.461 |
| **0.4** | 0.168 | 0.773 | 1.492 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.668 |
| **0.1** | 0.030 | 0.988 | 0.046 | 3.811 |
| **0.2** | 0.062 | 0.950 | 0.204 | 4.075 |
| **0.3** | 0.101 | 0.881 | 0.541 | 4.535 |
| **0.4** | 0.148 | 0.787 | 1.157 | 5.424 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.109 |
| **0.1** | 0.023 | 0.991 | 0.029 | 3.196 |
| **0.2** | 0.049 | 0.962 | 0.128 | 3.363 |
| **0.3** | 0.080 | 0.907 | 0.338 | 3.651 |
| **0.4** | 0.116 | 0.832 | 0.708 | 4.207 |
| *Note:* MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 35: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0.8; Location of Misfit=DF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.499 |
| **0.1** | 0.034 | 0.987 | 0.060 | 4.659 |
| **0.2** | 0.071 | 0.947 | 0.264 | 4.979 |
| **0.3** | 0.115 | 0.874 | 0.698 | 5.545 |
| **0.4** | 0.175 | 0.757 | 1.619 | 6.647 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.181 |
| **0.1** | 0.034 | 0.986 | 0.060 | 4.341 |
| **0.2** | 0.071 | 0.943 | 0.264 | 4.661 |
| **0.3** | 0.115 | 0.867 | 0.697 | 5.227 |
| **0.4** | 0.174 | 0.745 | 1.614 | 6.332 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.622 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.137 |
| **0.1** | 0.034 | 0.986 | 0.060 | 4.299 |
| **0.2** | 0.071 | 0.943 | 0.264 | 4.618 |
| **0.3** | 0.115 | 0.866 | 0.697 | 5.186 |
| **0.4** | 0.174 | 0.744 | 1.612 | 6.288 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.533 |
| **0.1** | 0.034 | 0.984 | 0.060 | 3.697 |
| **0.2** | 0.070 | 0.935 | 0.263 | 4.018 |
| **0.3** | 0.114 | 0.849 | 0.694 | 4.586 |
| **0.4** | 0.174 | 0.719 | 1.598 | 5.691 |
| *Note:* MAR=Missing at random; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Table 36: Conditions: Number of CR=2; Missing Mechanism=Strong MAR; Factor Correlation=0.8; Location of Misfit=SF | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.499 |
| **0.1** | 0.032 | 0.989 | 0.053 | 4.646 |
| **0.2** | 0.066 | 0.953 | 0.231 | 4.937 |
| **0.3** | 0.107 | 0.888 | 0.611 | 5.447 |
| **0.4** | 0.158 | 0.794 | 1.325 | 6.441 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.181 |
| **0.1** | 0.028 | 0.990 | 0.041 | 4.307 |
| **0.2** | 0.058 | 0.961 | 0.180 | 4.551 |
| **0.3** | 0.094 | 0.907 | 0.464 | 4.979 |
| **0.4** | 0.131 | 0.843 | 0.911 | 5.810 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.881 |
| **0.1** | 0.034 | 0.988 | 0.060 | 5.042 |
| **0.2** | 0.071 | 0.951 | 0.265 | 5.362 |
| **0.3** | 0.115 | 0.882 | 0.698 | 5.928 |
| **0.4** | 0.175 | 0.769 | 1.621 | 7.030 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 4.137 |
| **0.1** | 0.030 | 0.989 | 0.048 | 4.266 |
| **0.2** | 0.063 | 0.953 | 0.211 | 4.525 |
| **0.3** | 0.102 | 0.888 | 0.557 | 4.978 |
| **0.4** | 0.154 | 0.785 | 1.260 | 5.860 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.000 | 1.000 | 0.000 | 3.533 |
| **0.1** | 0.024 | 0.992 | 0.030 | 3.611 |
| **0.2** | 0.050 | 0.965 | 0.132 | 3.774 |
| **0.3** | 0.081 | 0.914 | 0.348 | 4.058 |
| **0.4** | 0.121 | 0.833 | 0.772 | 4.610 |
| *Note*: MAR=Missing at random; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |
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| Results for Simulation Study 2 | | | | | |
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| Table 37: Conditions: Number of Missing Patterns=Min; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.315 |
| **0.9** | 0.043 | 0.980 | 0.100 | 4.922 |
| **0.8** | 0.076 | 0.934 | 0.309 | 4.667 |
| **0.7** | 0.102 | 0.874 | 0.566 | 4.487 |
| **0.6** | 0.125 | 0.806 | 0.844 | 4.353 |
| **0.5** | 0.145 | 0.734 | 1.131 | 4.252 |
| **0.4** | 0.161 | 0.664 | 1.405 | 4.176 |
| **0.3** | 0.174 | 0.604 | 1.634 | 4.121 |
| **0.2** | 0.182 | 0.560 | 1.797 | 4.084 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.962 |
| **0.9** | 0.040 | 0.981 | 0.088 | 4.591 |
| **0.8** | 0.071 | 0.937 | 0.275 | 4.348 |
| **0.7** | 0.097 | 0.879 | 0.504 | 4.171 |
| **0.6** | 0.118 | 0.815 | 0.748 | 4.041 |
| **0.5** | 0.136 | 0.748 | 0.993 | 3.943 |
| **0.4** | 0.150 | 0.687 | 1.211 | 3.869 |
| **0.3** | 0.160 | 0.636 | 1.391 | 3.816 |
| **0.2** | 0.168 | 0.598 | 1.518 | 3.779 |
| *Note:* Min=Minimum number of missing patterns;MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 38: Conditions: Number of Missing Patterns=Max; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.314 |
| **0.9** | 0.043 | 0.980 | 0.100 | 4.920 |
| **0.8** | 0.076 | 0.934 | 0.310 | 4.665 |
| **0.7** | 0.103 | 0.873 | 0.568 | 4.484 |
| **0.6** | 0.125 | 0.806 | 0.845 | 4.349 |
| **0.5** | 0.145 | 0.733 | 1.133 | 4.248 |
| **0.4** | 0.161 | 0.663 | 1.406 | 4.172 |
| **0.3** | 0.174 | 0.604 | 1.632 | 4.117 |
| **0.2** | 0.182 | 0.560 | 1.794 | 4.080 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.960 |
| **0.9** | 0.041 | 0.981 | 0.089 | 4.589 |
| **0.8** | 0.072 | 0.936 | 0.276 | 4.344 |
| **0.7** | 0.097 | 0.879 | 0.506 | 4.167 |
| **0.6** | 0.118 | 0.814 | 0.750 | 4.036 |
| **0.5** | 0.136 | 0.747 | 0.995 | 3.938 |
| **0.4** | 0.150 | 0.686 | 1.212 | 3.864 |
| **0.3** | 0.160 | 0.636 | 1.388 | 3.811 |
| **0.2** | 0.167 | 0.599 | 1.515 | 3.774 |
| *Note:* Max=Maximum number of missing patterns;MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 39: Conditions: Number of Missing Patterns=Min; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.085 |
| **0.9** | 0.041 | 0.981 | 0.092 | 4.715 |
| **0.8** | 0.073 | 0.936 | 0.284 | 4.473 |
| **0.7** | 0.098 | 0.879 | 0.521 | 4.302 |
| **0.6** | 0.120 | 0.814 | 0.777 | 4.174 |
| **0.5** | 0.139 | 0.745 | 1.039 | 4.075 |
| **0.4** | 0.154 | 0.679 | 1.284 | 4.003 |
| **0.3** | 0.166 | 0.623 | 1.491 | 3.950 |
| **0.2** | 0.174 | 0.581 | 1.641 | 3.915 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.390 |
| **0.9** | 0.035 | 0.984 | 0.067 | 4.075 |
| **0.8** | 0.062 | 0.946 | 0.207 | 3.865 |
| **0.7** | 0.084 | 0.898 | 0.378 | 3.711 |
| **0.6** | 0.102 | 0.844 | 0.559 | 3.592 |
| **0.5** | 0.117 | 0.789 | 0.739 | 3.503 |
| **0.4** | 0.129 | 0.739 | 0.897 | 3.438 |
| **0.3** | 0.138 | 0.697 | 1.028 | 3.389 |
| **0.2** | 0.144 | 0.665 | 1.125 | 3.357 |
| *Note:* Min=Minimum number of missing patterns;MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 40: Conditions: Number of Missing Patterns=Max; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.079 |
| **0.9** | 0.041 | 0.980 | 0.092 | 4.698 |
| **0.8** | 0.073 | 0.935 | 0.288 | 4.451 |
| **0.7** | 0.099 | 0.877 | 0.527 | 4.274 |
| **0.6** | 0.120 | 0.811 | 0.783 | 4.143 |
| **0.5** | 0.139 | 0.742 | 1.044 | 4.043 |
| **0.4** | 0.154 | 0.678 | 1.280 | 3.969 |
| **0.3** | 0.165 | 0.624 | 1.473 | 3.915 |
| **0.2** | 0.173 | 0.585 | 1.611 | 3.879 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.378 |
| **0.9** | 0.035 | 0.983 | 0.068 | 4.047 |
| **0.8** | 0.063 | 0.945 | 0.212 | 3.827 |
| **0.7** | 0.084 | 0.895 | 0.385 | 3.663 |
| **0.6** | 0.102 | 0.841 | 0.562 | 3.541 |
| **0.5** | 0.116 | 0.788 | 0.732 | 3.447 |
| **0.4** | 0.127 | 0.741 | 0.875 | 3.380 |
| **0.3** | 0.135 | 0.703 | 0.989 | 3.329 |
| **0.2** | 0.141 | 0.675 | 1.072 | 3.295 |
| *Note:* Max=Maximum number of missing patterns; MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 41: Conditions: Number of Missing Patterns=Min; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.865 |
| **0.9** | 0.040 | 0.981 | 0.087 | 4.538 |
| **0.8** | 0.071 | 0.938 | 0.269 | 4.329 |
| **0.7** | 0.095 | 0.882 | 0.492 | 4.182 |
| **0.6** | 0.117 | 0.820 | 0.735 | 4.073 |
| **0.5** | 0.135 | 0.753 | 0.985 | 3.989 |
| **0.4** | 0.151 | 0.687 | 1.229 | 3.929 |
| **0.3** | 0.163 | 0.630 | 1.437 | 3.886 |
| **0.2** | 0.171 | 0.589 | 1.586 | 3.855 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.840 |
| **0.9** | 0.032 | 0.985 | 0.055 | 3.635 |
| **0.8** | 0.056 | 0.951 | 0.172 | 3.505 |
| **0.7** | 0.076 | 0.908 | 0.314 | 3.411 |
| **0.6** | 0.093 | 0.860 | 0.469 | 3.343 |
| **0.5** | 0.108 | 0.809 | 0.627 | 3.290 |
| **0.4** | 0.120 | 0.762 | 0.774 | 3.253 |
| **0.3** | 0.129 | 0.722 | 0.898 | 3.225 |
| **0.2** | 0.135 | 0.691 | 0.990 | 3.207 |
| *Note:* Min=Minimum number of missing patterns; MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 42: Conditions: Number of Missing Patterns=Max; Missing Mechanism=MCAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.001 | 1.000 | 0.000 | 4.844 |
| **0.9** | 0.040 | 0.981 | 0.085 | 4.481 |
| **0.8** | 0.070 | 0.938 | 0.264 | 4.241 |
| **0.7** | 0.095 | 0.881 | 0.483 | 4.070 |
| **0.6** | 0.115 | 0.819 | 0.715 | 3.942 |
| **0.5** | 0.132 | 0.754 | 0.947 | 3.844 |
| **0.4** | 0.146 | 0.695 | 1.149 | 3.772 |
| **0.3** | 0.156 | 0.647 | 1.312 | 3.718 |
| **0.2** | 0.163 | 0.612 | 1.430 | 3.682 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.802 |
| **0.9** | 0.029 | 0.987 | 0.045 | 3.532 |
| **0.8** | 0.051 | 0.957 | 0.142 | 3.343 |
| **0.7** | 0.069 | 0.920 | 0.256 | 3.200 |
| **0.6** | 0.083 | 0.881 | 0.369 | 3.094 |
| **0.5** | 0.094 | 0.842 | 0.475 | 3.010 |
| **0.4** | 0.102 | 0.810 | 0.560 | 2.950 |
| **0.3** | 0.108 | 0.784 | 0.628 | 2.903 |
| **0.2** | 0.112 | 0.764 | 0.678 | 2.872 |
| *Note:* Max=Maximum number of missing patterns; MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 43: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.065 |
| **0.9** | 0.042 | 0.980 | 0.094 | 4.697 |
| **0.8** | 0.074 | 0.935 | 0.292 | 4.463 |
| **0.7** | 0.099 | 0.876 | 0.533 | 4.295 |
| **0.6** | 0.121 | 0.810 | 0.792 | 4.171 |
| **0.5** | 0.140 | 0.740 | 1.059 | 4.082 |
| **0.4** | 0.156 | 0.674 | 1.306 | 4.012 |
| **0.3** | 0.167 | 0.619 | 1.510 | 3.965 |
| **0.2** | 0.175 | 0.579 | 1.656 | 3.929 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.922 |
| **0.9** | 0.040 | 0.981 | 0.088 | 4.561 |
| **0.8** | 0.071 | 0.936 | 0.275 | 4.323 |
| **0.7** | 0.096 | 0.879 | 0.502 | 4.154 |
| **0.6** | 0.118 | 0.815 | 0.746 | 4.028 |
| **0.5** | 0.135 | 0.748 | 0.990 | 3.934 |
| **0.4** | 0.150 | 0.687 | 1.209 | 3.863 |
| **0.3** | 0.160 | 0.636 | 1.390 | 3.814 |
| **0.2** | 0.168 | 0.598 | 1.519 | 3.779 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 44: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.062 |
| **0.9** | 0.042 | 0.980 | 0.094 | 4.692 |
| **0.8** | 0.074 | 0.934 | 0.293 | 4.457 |
| **0.7** | 0.100 | 0.875 | 0.536 | 4.290 |
| **0.6** | 0.121 | 0.809 | 0.795 | 4.164 |
| **0.5** | 0.140 | 0.739 | 1.063 | 4.075 |
| **0.4** | 0.156 | 0.674 | 1.307 | 4.006 |
| **0.3** | 0.167 | 0.619 | 1.509 | 3.958 |
| **0.2** | 0.175 | 0.579 | 1.652 | 3.922 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.920 |
| **0.9** | 0.041 | 0.981 | 0.089 | 4.557 |
| **0.8** | 0.071 | 0.936 | 0.276 | 4.318 |
| **0.7** | 0.097 | 0.879 | 0.504 | 4.150 |
| **0.6** | 0.118 | 0.814 | 0.750 | 4.024 |
| **0.5** | 0.136 | 0.747 | 0.993 | 3.928 |
| **0.4** | 0.150 | 0.686 | 1.211 | 3.858 |
| **0.3** | 0.160 | 0.636 | 1.388 | 3.808 |
| **0.2** | 0.167 | 0.599 | 1.514 | 3.772 |
| *Note:* Max=Maximum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 45: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.589 |
| **0.9** | 0.038 | 0.982 | 0.079 | 4.278 |
| **0.8** | 0.067 | 0.940 | 0.245 | 4.079 |
| **0.7** | 0.091 | 0.887 | 0.447 | 3.938 |
| **0.6** | 0.111 | 0.827 | 0.662 | 3.833 |
| **0.5** | 0.128 | 0.765 | 0.882 | 3.758 |
| **0.4** | 0.142 | 0.707 | 1.085 | 3.700 |
| **0.3** | 0.152 | 0.657 | 1.254 | 3.660 |
| **0.2** | 0.160 | 0.620 | 1.379 | 3.631 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.311 |
| **0.9** | 0.035 | 0.983 | 0.066 | 4.016 |
| **0.8** | 0.062 | 0.946 | 0.206 | 3.817 |
| **0.7** | 0.083 | 0.898 | 0.376 | 3.676 |
| **0.6** | 0.101 | 0.844 | 0.556 | 3.568 |
| **0.5** | 0.117 | 0.790 | 0.734 | 3.485 |
| **0.4** | 0.129 | 0.739 | 0.894 | 3.428 |
| **0.3** | 0.138 | 0.697 | 1.026 | 3.384 |
| **0.2** | 0.144 | 0.664 | 1.127 | 3.358 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 46: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.578 |
| **0.9** | 0.039 | 0.981 | 0.080 | 4.251 |
| **0.8** | 0.068 | 0.938 | 0.249 | 4.042 |
| **0.7** | 0.092 | 0.883 | 0.455 | 3.896 |
| **0.6** | 0.111 | 0.823 | 0.671 | 3.786 |
| **0.5** | 0.128 | 0.761 | 0.887 | 3.706 |
| **0.4** | 0.141 | 0.705 | 1.076 | 3.650 |
| **0.3** | 0.151 | 0.659 | 1.229 | 3.608 |
| **0.2** | 0.157 | 0.626 | 1.336 | 3.576 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.300 |
| **0.9** | 0.035 | 0.983 | 0.068 | 3.987 |
| **0.8** | 0.062 | 0.944 | 0.211 | 3.779 |
| **0.7** | 0.084 | 0.895 | 0.383 | 3.631 |
| **0.6** | 0.102 | 0.840 | 0.562 | 3.519 |
| **0.5** | 0.116 | 0.787 | 0.731 | 3.432 |
| **0.4** | 0.127 | 0.740 | 0.877 | 3.373 |
| **0.3** | 0.136 | 0.702 | 0.992 | 3.328 |
| **0.2** | 0.141 | 0.674 | 1.075 | 3.296 |
| *Note:* Max=Maximum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 47: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.132 |
| **0.9** | 0.036 | 0.982 | 0.070 | 3.911 |
| **0.8** | 0.063 | 0.943 | 0.216 | 3.781 |
| **0.7** | 0.085 | 0.894 | 0.393 | 3.693 |
| **0.6** | 0.104 | 0.840 | 0.583 | 3.633 |
| **0.5** | 0.120 | 0.782 | 0.782 | 3.593 |
| **0.4** | 0.135 | 0.725 | 0.978 | 3.559 |
| **0.3** | 0.146 | 0.675 | 1.151 | 3.539 |
| **0.2** | 0.154 | 0.637 | 1.281 | 3.524 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.722 |
| **0.9** | 0.032 | 0.985 | 0.055 | 3.544 |
| **0.8** | 0.056 | 0.951 | 0.168 | 3.433 |
| **0.7** | 0.075 | 0.908 | 0.308 | 3.360 |
| **0.6** | 0.092 | 0.860 | 0.461 | 3.303 |
| **0.5** | 0.107 | 0.811 | 0.615 | 3.262 |
| **0.4** | 0.119 | 0.764 | 0.764 | 3.238 |
| **0.3** | 0.129 | 0.723 | 0.892 | 3.217 |
| **0.2** | 0.136 | 0.691 | 0.992 | 3.207 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 48: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Weak MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.098 |
| **0.9** | 0.035 | 0.983 | 0.066 | 3.823 |
| **0.8** | 0.061 | 0.944 | 0.203 | 3.645 |
| **0.7** | 0.083 | 0.895 | 0.369 | 3.521 |
| **0.6** | 0.100 | 0.842 | 0.541 | 3.430 |
| **0.5** | 0.114 | 0.790 | 0.707 | 3.364 |
| **0.4** | 0.125 | 0.744 | 0.850 | 3.318 |
| **0.3** | 0.134 | 0.707 | 0.963 | 3.282 |
| **0.2** | 0.139 | 0.679 | 1.045 | 3.259 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.685 |
| **0.9** | 0.029 | 0.986 | 0.047 | 3.444 |
| **0.8** | 0.052 | 0.956 | 0.145 | 3.281 |
| **0.7** | 0.070 | 0.917 | 0.261 | 3.162 |
| **0.6** | 0.084 | 0.877 | 0.378 | 3.070 |
| **0.5** | 0.095 | 0.838 | 0.486 | 3.002 |
| **0.4** | 0.103 | 0.805 | 0.576 | 2.952 |
| **0.3** | 0.110 | 0.778 | 0.649 | 2.917 |
| **0.2** | 0.114 | 0.758 | 0.701 | 2.892 |
| *Note:* Max=Maximum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 49: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.146 |
| **0.9** | 0.043 | 0.979 | 0.099 | 4.786 |
| **0.8** | 0.075 | 0.933 | 0.306 | 4.562 |
| **0.7** | 0.102 | 0.873 | 0.558 | 4.407 |
| **0.6** | 0.124 | 0.807 | 0.831 | 4.293 |
| **0.5** | 0.144 | 0.736 | 1.112 | 4.210 |
| **0.4** | 0.160 | 0.666 | 1.388 | 4.152 |
| **0.3** | 0.173 | 0.605 | 1.623 | 4.107 |
| **0.2** | 0.182 | 0.560 | 1.792 | 4.077 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.795 |
| **0.9** | 0.040 | 0.980 | 0.088 | 4.459 |
| **0.8** | 0.071 | 0.936 | 0.271 | 4.246 |
| **0.7** | 0.096 | 0.879 | 0.495 | 4.095 |
| **0.6** | 0.117 | 0.816 | 0.734 | 3.984 |
| **0.5** | 0.134 | 0.750 | 0.976 | 3.905 |
| **0.4** | 0.149 | 0.689 | 1.197 | 3.845 |
| **0.3** | 0.160 | 0.637 | 1.382 | 3.803 |
| **0.2** | 0.167 | 0.599 | 1.514 | 3.773 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 50: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.145 |
| **0.9** | 0.043 | 0.979 | 0.099 | 4.784 |
| **0.8** | 0.075 | 0.933 | 0.307 | 4.560 |
| **0.7** | 0.102 | 0.873 | 0.560 | 4.404 |
| **0.6** | 0.124 | 0.806 | 0.833 | 4.291 |
| **0.5** | 0.144 | 0.735 | 1.115 | 4.208 |
| **0.4** | 0.160 | 0.665 | 1.390 | 4.149 |
| **0.3** | 0.173 | 0.605 | 1.623 | 4.105 |
| **0.2** | 0.182 | 0.561 | 1.790 | 4.073 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.795 |
| **0.9** | 0.040 | 0.980 | 0.088 | 4.456 |
| **0.8** | 0.071 | 0.936 | 0.272 | 4.243 |
| **0.7** | 0.096 | 0.879 | 0.497 | 4.092 |
| **0.6** | 0.117 | 0.815 | 0.738 | 3.981 |
| **0.5** | 0.135 | 0.749 | 0.981 | 3.900 |
| **0.4** | 0.149 | 0.688 | 1.201 | 3.842 |
| **0.3** | 0.160 | 0.636 | 1.382 | 3.800 |
| **0.2** | 0.167 | 0.599 | 1.512 | 3.768 |
| *Note:* Max=Maximum number of missing patterns;MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 51: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.749 |
| **0.9** | 0.041 | 0.980 | 0.090 | 4.444 |
| **0.8** | 0.071 | 0.935 | 0.276 | 4.263 |
| **0.7** | 0.096 | 0.879 | 0.502 | 4.142 |
| **0.6** | 0.118 | 0.816 | 0.746 | 4.055 |
| **0.5** | 0.136 | 0.751 | 0.996 | 3.994 |
| **0.4** | 0.152 | 0.685 | 1.247 | 3.956 |
| **0.3** | 0.165 | 0.626 | 1.466 | 3.922 |
| **0.2** | 0.174 | 0.582 | 1.630 | 3.902 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.056 |
| **0.9** | 0.034 | 0.983 | 0.064 | 3.813 |
| **0.8** | 0.061 | 0.946 | 0.198 | 3.662 |
| **0.7** | 0.082 | 0.899 | 0.359 | 3.556 |
| **0.6** | 0.099 | 0.848 | 0.529 | 3.482 |
| **0.5** | 0.114 | 0.795 | 0.702 | 3.427 |
| **0.4** | 0.126 | 0.745 | 0.864 | 3.390 |
| **0.3** | 0.136 | 0.701 | 1.006 | 3.362 |
| **0.2** | 0.144 | 0.667 | 1.114 | 3.346 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 52: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.743 |
| **0.9** | 0.041 | 0.980 | 0.091 | 4.431 |
| **0.8** | 0.072 | 0.934 | 0.280 | 4.245 |
| **0.7** | 0.097 | 0.876 | 0.511 | 4.121 |
| **0.6** | 0.119 | 0.812 | 0.760 | 4.033 |
| **0.5** | 0.137 | 0.745 | 1.012 | 3.969 |
| **0.4** | 0.152 | 0.681 | 1.254 | 3.927 |
| **0.3** | 0.164 | 0.625 | 1.461 | 3.895 |
| **0.2** | 0.173 | 0.584 | 1.610 | 3.874 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.049 |
| **0.9** | 0.035 | 0.983 | 0.066 | 3.791 |
| **0.8** | 0.061 | 0.944 | 0.203 | 3.633 |
| **0.7** | 0.083 | 0.895 | 0.370 | 3.524 |
| **0.6** | 0.101 | 0.842 | 0.546 | 3.447 |
| **0.5** | 0.115 | 0.789 | 0.716 | 3.386 |
| **0.4** | 0.127 | 0.741 | 0.869 | 3.352 |
| **0.3** | 0.136 | 0.701 | 0.994 | 3.321 |
| **0.2** | 0.142 | 0.672 | 1.084 | 3.302 |
| *Note:* Max=Maximum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 53: Conditions: Number of Missing Patterns=Min; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.360 |
| **0.9** | 0.039 | 0.980 | 0.083 | 4.132 |
| **0.8** | 0.068 | 0.937 | 0.252 | 4.012 |
| **0.7** | 0.092 | 0.884 | 0.457 | 3.941 |
| **0.6** | 0.112 | 0.827 | 0.674 | 3.896 |
| **0.5** | 0.129 | 0.769 | 0.895 | 3.869 |
| **0.4** | 0.144 | 0.709 | 1.121 | 3.856 |
| **0.3** | 0.157 | 0.653 | 1.331 | 3.842 |
| **0.2** | 0.170 | 0.592 | 1.565 | 3.836 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.340 |
| **0.9** | 0.031 | 0.984 | 0.051 | 3.240 |
| **0.8** | 0.053 | 0.952 | 0.153 | 3.200 |
| **0.7** | 0.071 | 0.914 | 0.275 | 3.180 |
| **0.6** | 0.087 | 0.873 | 0.404 | 3.175 |
| **0.5** | 0.100 | 0.831 | 0.536 | 3.177 |
| **0.4** | 0.111 | 0.790 | 0.667 | 3.181 |
| **0.3** | 0.121 | 0.750 | 0.796 | 3.184 |
| **0.2** | 0.131 | 0.712 | 0.920 | 3.191 |
| *Note:* Min=Minimum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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| Table 54: Conditions: Number of Missing Patterns=Max; Missing Mechanism=Strong MAR | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 5.551 |
| **0.9** | 0.045 | 0.979 | 0.107 | 5.143 |
| **0.8** | 0.078 | 0.932 | 0.330 | 4.881 |
| **0.7** | 0.106 | 0.872 | 0.603 | 4.696 |
| **0.6** | 0.129 | 0.803 | 0.899 | 4.560 |
| **0.5** | 0.149 | 0.730 | 1.205 | 4.457 |
| **0.4** | 0.167 | 0.654 | 1.515 | 4.381 |
| **0.3** | 0.182 | 0.586 | 1.791 | 4.325 |
| **0.2** | 0.192 | 0.538 | 1.981 | 4.287 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 4.344 |
| **0.9** | 0.039 | 0.980 | 0.082 | 4.088 |
| **0.8** | 0.069 | 0.936 | 0.253 | 3.943 |
| **0.7** | 0.092 | 0.880 | 0.462 | 3.853 |
| **0.6** | 0.113 | 0.819 | 0.685 | 3.793 |
| **0.5** | 0.130 | 0.758 | 0.910 | 3.751 |
| **0.4** | 0.145 | 0.697 | 1.128 | 3.727 |
| **0.3** | 0.156 | 0.646 | 1.314 | 3.708 |
| **0.2** | 0.164 | 0.608 | 1.452 | 3.699 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.000 | 1.000 | 0.000 | 3.315 |
| **0.9** | 0.029 | 0.985 | 0.047 | 3.168 |
| **0.8** | 0.052 | 0.953 | 0.145 | 3.086 |
| **0.7** | 0.070 | 0.913 | 0.264 | 3.037 |
| **0.6** | 0.085 | 0.871 | 0.388 | 3.003 |
| **0.5** | 0.097 | 0.830 | 0.507 | 2.978 |
| **0.4** | 0.107 | 0.793 | 0.616 | 2.970 |
| **0.3** | 0.114 | 0.762 | 0.705 | 2.961 |
| **0.2** | 0.120 | 0.739 | 0.772 | 2.958 |
| *Note:* Max=Maximum number of missing patterns; MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |
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