|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Table 1 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0; LofM=DF)* | | | | | |
|  |  |  |  |  |  |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0559 |
| **0.1** | 0.0215 | 0.9941 | 0.0246 | 4.1437 |
| **0.2** | 0.0440 | 0.9761 | 0.1029 | 4.3074 |
| **0.3** | 0.0674 | 0.9476 | 0.2408 | 4.5932 |
| **0.4** | 0.0858 | 0.9241 | 0.3906 | 5.1458 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7524 |
| **0.1** | 0.0215 | 0.9936 | 0.0246 | 3.8398 |
| **0.2** | 0.0440 | 0.9743 | 0.1029 | 4.0035 |
| **0.3** | 0.0674 | 0.9439 | 0.2408 | 4.2893 |
| **0.4** | 0.0858 | 0.9193 | 0.3906 | 4.8419 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.8885 |
| **0.1** | 0.0215 | 0.9938 | 0.0246 | 3.9749 |
| **0.2** | 0.0440 | 0.9752 | 0.1029 | 4.1387 |
| **0.3** | 0.0674 | 0.9456 | 0.2408 | 4.4244 |
| **0.4** | 0.0858 | 0.9215 | 0.3906 | 4.9772 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.3319 |
| **0.1** | 0.0215 | 0.9928 | 0.0246 | 3.4182 |
| **0.2** | 0.0440 | 0.9713 | 0.1029 | 3.5820 |
| **0.3** | 0.0674 | 0.9377 | 0.2408 | 3.8677 |
| **0.4** | 0.0858 | 0.9116 | 0.3906 | 4.4201 |
| *Note*: NofCR=Number of Correlated Residuals; MM=Missing Mechanism; MCAR=Missing completely at random; FC=Factor Correlation; LofM=Location of Misfit; DF= Different Factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
| Table 2 |  |  |  |  |  |
| ` |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0559 |
| **0.1** | 0.0193 | 0.9952 | 0.0199 | 4.1245 |
| **0.2** | 0.0397 | 0.9804 | 0.0836 | 4.2555 |
| **0.3** | 0.0615 | 0.9553 | 0.2005 | 4.4841 |
| **0.4** | 0.0801 | 0.9310 | 0.3401 | 4.9270 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7524 |
| **0.1** | 0.0154 | 0.9967 | 0.0127 | 3.7945 |
| **0.2** | 0.0318 | 0.9862 | 0.0535 | 3.8763 |
| **0.3** | 0.0499 | 0.9671 | 0.1322 | 4.0192 |
| **0.4** | 0.0675 | 0.9437 | 0.2419 | 4.2977 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.8885 |
| **0.1** | 0.0193 | 0.9950 | 0.0198 | 3.9557 |
| **0.2** | 0.0395 | 0.9798 | 0.0827 | 4.0869 |
| **0.3** | 0.0608 | 0.9546 | 0.1958 | 4.3160 |
| **0.4** | 0.0779 | 0.9324 | 0.3217 | 4.7580 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.3319 |
| **0.1** | 0.0153 | 0.9963 | 0.0125 | 3.3733 |
| **0.2** | 0.0314 | 0.9848 | 0.0524 | 3.4559 |
| **0.3** | 0.0487 | 0.9650 | 0.1259 | 3.5983 |
| **0.4** | 0.0635 | 0.9448 | 0.2140 | 3.8762 |
| *Note*: NofCR=Number of Correlated Residuals; MM=Missing Mechanism; MCAR=Missing completely at random; FC=Factor Correlation; LofM=Location of Misfit; SF= Same Factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 3 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0.4; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.1761 |
| **0.1** | 0.0218 | 0.9941 | 0.0252 | 4.2626 |
| **0.2** | 0.0447 | 0.9760 | 0.1062 | 4.4262 |
| **0.3** | 0.0692 | 0.9461 | 0.2538 | 4.7104 |
| **0.4** | 0.0893 | 0.9197 | 0.4229 | 5.2627 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0003 | 1.0000 | 0.0001 | 3.8689 |
| **0.1** | 0.0218 | 0.9936 | 0.0252 | 3.9562 |
| **0.2** | 0.0447 | 0.9743 | 0.1061 | 4.1204 |
| **0.3** | 0.0691 | 0.9424 | 0.2535 | 4.4033 |
| **0.4** | 0.0892 | 0.9148 | 0.4221 | 4.9560 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0035 |
| **0.1** | 0.0218 | 0.9938 | 0.0252 | 4.0899 |
| **0.2** | 0.0447 | 0.9751 | 0.1061 | 4.2531 |
| **0.3** | 0.0691 | 0.9442 | 0.2533 | 4.5374 |
| **0.4** | 0.0892 | 0.9172 | 0.4217 | 5.0906 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.4380 |
| **0.1** | 0.0218 | 0.9929 | 0.0252 | 3.5254 |
| **0.2** | 0.0447 | 0.9713 | 0.1058 | 3.6876 |
| **0.3** | 0.0690 | 0.9365 | 0.2525 | 3.9728 |
| **0.4** | 0.0889 | 0.9074 | 0.4192 | 4.5252 |
| *Note*: NofCR=Number of Correlated Residuals; MM=Missing Mechanism; MCAR=Missing completely at random; FC=Factor Correlation; LofM=Location of Misfit; DF= Different Factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 4 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0.4; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.1761 |
| **0.1** | 0.0196 | 0.9952 | 0.0205 | 4.2452 |
| **0.2** | 0.0403 | 0.9803 | 0.0861 | 4.3756 |
| **0.3** | 0.0629 | 0.9544 | 0.2100 | 4.6037 |
| **0.4** | 0.0832 | 0.9273 | 0.3670 | 5.0456 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0003 | 1.0000 | 0.0001 | 3.8689 |
| **0.1** | 0.0156 | 0.9967 | 0.0130 | 3.9137 |
| **0.2** | 0.0322 | 0.9863 | 0.0549 | 3.9952 |
| **0.3** | 0.0508 | 0.9670 | 0.1368 | 4.1379 |
| **0.4** | 0.0697 | 0.9416 | 0.2578 | 4.4141 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0035 |
| **0.1** | 0.0196 | 0.9950 | 0.0204 | 4.0720 |
| **0.2** | 0.0401 | 0.9797 | 0.0854 | 4.2025 |
| **0.3** | 0.0623 | 0.9535 | 0.2060 | 4.4313 |
| **0.4** | 0.0812 | 0.9282 | 0.3499 | 4.8729 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.4380 |
| **0.1** | 0.0155 | 0.9963 | 0.0129 | 3.4813 |
| **0.2** | 0.0319 | 0.9849 | 0.0539 | 3.5635 |
| **0.3** | 0.0498 | 0.9645 | 0.1317 | 3.7067 |
| **0.4** | 0.0661 | 0.9418 | 0.2318 | 3.9822 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=missing completely at random; FC=Factor correlation; LofM=Location of misfit; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 5 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.6675 |
| **0.1** | 0.0230 | 0.9941 | 0.0281 | 4.7464 |
| **0.2** | 0.0476 | 0.9755 | 0.1203 | 4.9046 |
| **0.3** | 0.0759 | 0.9412 | 0.3052 | 5.1865 |
| **0.4** | 0.1047 | 0.8987 | 0.5809 | 5.7352 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3459 |
| **0.1** | 0.0230 | 0.9937 | 0.0280 | 4.4256 |
| **0.2** | 0.0475 | 0.9739 | 0.1198 | 4.5835 |
| **0.3** | 0.0757 | 0.9376 | 0.3035 | 4.8658 |
| **0.4** | 0.1041 | 0.8939 | 0.5748 | 5.4150 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4732 |
| **0.1** | 0.0230 | 0.9939 | 0.0280 | 4.5528 |
| **0.2** | 0.0475 | 0.9746 | 0.1196 | 4.7121 |
| **0.3** | 0.0756 | 0.9394 | 0.3029 | 4.9938 |
| **0.4** | 0.1040 | 0.8967 | 0.5728 | 5.5438 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8628 |
| **0.1** | 0.0228 | 0.9930 | 0.0276 | 3.9443 |
| **0.2** | 0.0472 | 0.9712 | 0.1181 | 4.1024 |
| **0.3** | 0.0749 | 0.9322 | 0.2975 | 4.3850 |
| **0.4** | 0.1022 | 0.8878 | 0.5538 | 4.9353 |
| *Note*: NofCR=Number of correlated residual; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; DF= Different factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 6 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=MCAR; FC=0.8; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.6675 |
| **0.1** | 0.0207 | 0.9952 | 0.0227 | 4.7308 |
| **0.2** | 0.0428 | 0.9800 | 0.0972 | 4.8574 |
| **0.3** | 0.0685 | 0.9511 | 0.2488 | 5.0824 |
| **0.4** | 0.0971 | 0.9094 | 0.5001 | 5.5218 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3459 |
| **0.1** | 0.0164 | 0.9967 | 0.0143 | 4.3869 |
| **0.2** | 0.0340 | 0.9863 | 0.0614 | 4.4660 |
| **0.3** | 0.0546 | 0.9657 | 0.1581 | 4.6067 |
| **0.4** | 0.0800 | 0.9305 | 0.3392 | 4.8813 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4732 |
| **0.1** | 0.0206 | 0.9950 | 0.0227 | 4.5374 |
| **0.2** | 0.0428 | 0.9792 | 0.0969 | 4.6635 |
| **0.3** | 0.0683 | 0.9494 | 0.2476 | 4.8898 |
| **0.4** | 0.0959 | 0.9086 | 0.4871 | 5.3291 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8628 |
| **0.1** | 0.0164 | 0.9964 | 0.0143 | 3.9040 |
| **0.2** | 0.0339 | 0.9847 | 0.0610 | 3.9830 |
| **0.3** | 0.0543 | 0.9621 | 0.1565 | 4.1235 |
| **0.4** | 0.0780 | 0.9267 | 0.3225 | 4.3988 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 7 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8299 |
| **0.1** | 0.0215 | 0.9937 | 0.0246 | 3.9153 |
| **0.2** | 0.0440 | 0.9748 | 0.1029 | 4.0791 |
| **0.3** | 0.0674 | 0.9448 | 0.2408 | 4.3648 |
| **0.4** | 0.0858 | 0.9206 | 0.3906 | 4.9192 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7146 |
| **0.1** | 0.0215 | 0.9935 | 0.0246 | 3.7995 |
| **0.2** | 0.0440 | 0.9741 | 0.1029 | 3.9632 |
| **0.3** | 0.0674 | 0.9433 | 0.2408 | 4.2490 |
| **0.4** | 0.0858 | 0.9186 | 0.3906 | 4.8005 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.4608 |
| **0.1** | 0.0215 | 0.9931 | 0.0246 | 3.5472 |
| **0.2** | 0.0440 | 0.9723 | 0.1029 | 3.7110 |
| **0.3** | 0.0674 | 0.9398 | 0.2408 | 3.9967 |
| **0.4** | 0.0858 | 0.9142 | 0.3906 | 4.5521 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.2556 |
| **0.1** | 0.0215 | 0.9926 | 0.0246 | 3.3402 |
| **0.2** | 0.0440 | 0.9707 | 0.1029 | 3.5040 |
| **0.3** | 0.0674 | 0.9365 | 0.2408 | 3.7897 |
| **0.4** | 0.0858 | 0.9100 | 0.3906 | 4.3392 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF= Different factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 8 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8299 |
| **0.1** | 0.0173 | 0.9959 | 0.0159 | 3.8877 |
| **0.2** | 0.0355 | 0.9832 | 0.0669 | 3.9928 |
| **0.3** | 0.0550 | 0.9616 | 0.1605 | 4.1804 |
| **0.4** | 0.0722 | 0.9392 | 0.2761 | 4.5393 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7146 |
| **0.1** | 0.0153 | 0.9967 | 0.0125 | 3.7568 |
| **0.2** | 0.0315 | 0.9863 | 0.0526 | 3.8389 |
| **0.3** | 0.0492 | 0.9678 | 0.1283 | 3.9816 |
| **0.4** | 0.0661 | 0.9456 | 0.2316 | 4.2599 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.4608 |
| **0.1** | 0.0172 | 0.9955 | 0.0158 | 3.5211 |
| **0.2** | 0.0351 | 0.9819 | 0.0655 | 3.6239 |
| **0.3** | 0.0537 | 0.9599 | 0.1528 | 3.8140 |
| **0.4** | 0.0683 | 0.9407 | 0.2475 | 4.1712 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.2556 |
| **0.1** | 0.0152 | 0.9963 | 0.0123 | 3.2969 |
| **0.2** | 0.0311 | 0.9848 | 0.0513 | 3.3795 |
| **0.3** | 0.0479 | 0.9655 | 0.1216 | 3.5238 |
| **0.4** | 0.0619 | 0.9466 | 0.2030 | 3.8012 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |
| Table 9 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0.4; LofM=DF )* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.9493 |
| **0.1** | 0.0218 | 0.9938 | 0.0252 | 4.0387 |
| **0.2** | 0.0447 | 0.9747 | 0.1061 | 4.1999 |
| **0.3** | 0.0692 | 0.9434 | 0.2537 | 4.4844 |
| **0.4** | 0.0893 | 0.9162 | 0.4225 | 5.0383 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8304 |
| **0.1** | 0.0218 | 0.9936 | 0.0252 | 3.9191 |
| **0.2** | 0.0447 | 0.9740 | 0.1061 | 4.0824 |
| **0.3** | 0.0692 | 0.9419 | 0.2536 | 4.3647 |
| **0.4** | 0.0892 | 0.9141 | 0.4222 | 4.9162 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5752 |
| **0.1** | 0.0218 | 0.9931 | 0.0252 | 3.6648 |
| **0.2** | 0.0447 | 0.9723 | 0.1059 | 3.8247 |
| **0.3** | 0.0691 | 0.9385 | 0.2530 | 4.1117 |
| **0.4** | 0.0891 | 0.9099 | 0.4204 | 4.6647 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.3623 |
| **0.1** | 0.0218 | 0.9927 | 0.0252 | 3.4513 |
| **0.2** | 0.0447 | 0.9707 | 0.1059 | 3.6114 |
| **0.3** | 0.0690 | 0.9352 | 0.2524 | 3.8954 |
| **0.4** | 0.0889 | 0.9057 | 0.4193 | 4.4476 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF= Different factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Table 10 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0.4; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.9493 |
| **0.1** | 0.0176 | 0.9959 | 0.0165 | 4.0084 |
| **0.2** | 0.0361 | 0.9832 | 0.0692 | 4.1134 |
| **0.3** | 0.0563 | 0.9609 | 0.1682 | 4.2994 |
| **0.4** | 0.0747 | 0.9365 | 0.2956 | 4.6577 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8304 |
| **0.1** | 0.0157 | 0.9966 | 0.0131 | 3.8745 |
| **0.2** | 0.0319 | 0.9863 | 0.0541 | 3.9570 |
| **0.3** | 0.0501 | 0.9676 | 0.1331 | 4.1020 |
| **0.4** | 0.0683 | 0.9436 | 0.2469 | 4.3742 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5752 |
| **0.1** | 0.0175 | 0.9955 | 0.0164 | 3.6333 |
| **0.2** | 0.0358 | 0.9818 | 0.0680 | 3.7389 |
| **0.3** | 0.0552 | 0.9588 | 0.1617 | 3.9254 |
| **0.4** | 0.0713 | 0.9371 | 0.2695 | 4.2822 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.3623 |
| **0.1** | 0.0156 | 0.9962 | 0.0130 | 3.4044 |
| **0.2** | 0.0316 | 0.9848 | 0.0530 | 3.4884 |
| **0.3** | 0.0490 | 0.9650 | 0.1273 | 3.6337 |
| **0.4** | 0.0645 | 0.9436 | 0.2203 | 3.9044 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF= Same factor; CR = Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 11 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4344 |
| **0.1** | 0.0230 | 0.9938 | 0.0281 | 4.5129 |
| **0.2** | 0.0476 | 0.9743 | 0.1201 | 4.6718 |
| **0.3** | 0.0758 | 0.9386 | 0.3042 | 4.9549 |
| **0.4** | 0.1044 | 0.8950 | 0.5778 | 5.5035 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3091 |
| **0.1** | 0.0230 | 0.9936 | 0.0280 | 4.3856 |
| **0.2** | 0.0475 | 0.9737 | 0.1198 | 4.5474 |
| **0.3** | 0.0756 | 0.9372 | 0.3033 | 4.8272 |
| **0.4** | 0.1041 | 0.8931 | 0.5748 | 5.3767 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.0227 |
| **0.1** | 0.0229 | 0.9932 | 0.0279 | 4.1029 |
| **0.2** | 0.0474 | 0.9721 | 0.1189 | 4.2624 |
| **0.3** | 0.0752 | 0.9340 | 0.3002 | 4.5458 |
| **0.4** | 0.1031 | 0.8895 | 0.5631 | 5.0941 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.7882 |
| **0.1** | 0.0228 | 0.9929 | 0.0276 | 3.8661 |
| **0.2** | 0.0472 | 0.9707 | 0.1180 | 4.0290 |
| **0.3** | 0.0749 | 0.9310 | 0.2973 | 4.3097 |
| **0.4** | 0.1022 | 0.8861 | 0.5534 | 4.8579 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 12 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Weak MAR; FC=0.8; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4344 |
| **0.1** | 0.0185 | 0.9959 | 0.0182 | 4.4866 |
| **0.2** | 0.0383 | 0.9831 | 0.0778 | 4.5926 |
| **0.3** | 0.0613 | 0.9583 | 0.1992 | 4.7732 |
| **0.4** | 0.0869 | 0.9219 | 0.4007 | 5.1303 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3091 |
| **0.1** | 0.0165 | 0.9967 | 0.0144 | 4.3475 |
| **0.2** | 0.0339 | 0.9862 | 0.0610 | 4.4271 |
| **0.3** | 0.0541 | 0.9660 | 0.1554 | 4.5685 |
| **0.4** | 0.0784 | 0.9327 | 0.3260 | 4.8434 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.0227 |
| **0.1** | 0.0185 | 0.9955 | 0.0182 | 4.0764 |
| **0.2** | 0.0382 | 0.9815 | 0.0774 | 4.1839 |
| **0.3** | 0.0610 | 0.9548 | 0.1972 | 4.3648 |
| **0.4** | 0.0848 | 0.9192 | 0.3815 | 4.7201 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.7882 |
| **0.1** | 0.0164 | 0.9963 | 0.0143 | 3.8266 |
| **0.2** | 0.0338 | 0.9845 | 0.0607 | 3.9069 |
| **0.3** | 0.0538 | 0.9621 | 0.1534 | 4.0475 |
| **0.4** | 0.0762 | 0.9288 | 0.3078 | 4.3214 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 13 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Strong MAR; FC=0; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8861 |
| **0.1** | 0.0215 | 0.9938 | 0.0246 | 3.9714 |
| **0.2** | 0.0440 | 0.9751 | 0.1029 | 4.1352 |
| **0.3** | 0.0674 | 0.9455 | 0.2408 | 4.4209 |
| **0.4** | 0.0858 | 0.9215 | 0.3906 | 4.9748 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5867 |
| **0.1** | 0.0215 | 0.9933 | 0.0246 | 3.6720 |
| **0.2** | 0.0440 | 0.9732 | 0.1029 | 3.8358 |
| **0.3** | 0.0674 | 0.9416 | 0.2408 | 4.1216 |
| **0.4** | 0.0858 | 0.9164 | 0.3906 | 4.6738 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1029 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9270 | 0.3906 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5474 |
| **0.1** | 0.0215 | 0.9932 | 0.0246 | 3.6325 |
| **0.2** | 0.0440 | 0.9729 | 0.1029 | 3.7963 |
| **0.3** | 0.0674 | 0.9410 | 0.2408 | 4.0821 |
| **0.4** | 0.0858 | 0.9158 | 0.3906 | 4.6364 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 2.9994 |
| **0.1** | 0.0215 | 0.9920 | 0.0246 | 3.0849 |
| **0.2** | 0.0440 | 0.9684 | 0.1029 | 3.2487 |
| **0.3** | 0.0674 | 0.9319 | 0.2408 | 3.5345 |
| **0.4** | 0.0858 | 0.9044 | 0.3906 | 4.0853 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 14 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Strong MAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8861 |
| **0.1** | 0.0189 | 0.9952 | 0.0189 | 3.9575 |
| **0.2** | 0.0385 | 0.9808 | 0.0785 | 4.0868 |
| **0.3** | 0.0584 | 0.9581 | 0.1810 | 4.3170 |
| **0.4** | 0.0748 | 0.9377 | 0.2964 | 4.7583 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5867 |
| **0.1** | 0.0147 | 0.9968 | 0.0116 | 3.6318 |
| **0.2** | 0.0300 | 0.9872 | 0.0477 | 3.7125 |
| **0.3** | 0.0455 | 0.9716 | 0.1096 | 3.8545 |
| **0.4** | 0.0586 | 0.9559 | 0.1822 | 4.1317 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0215 | 0.9943 | 0.0246 | 4.3455 |
| **0.2** | 0.0440 | 0.9772 | 0.1028 | 4.5093 |
| **0.3** | 0.0674 | 0.9498 | 0.2408 | 4.7950 |
| **0.4** | 0.0858 | 0.9271 | 0.3900 | 5.3477 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5474 |
| **0.1** | 0.0188 | 0.9948 | 0.0187 | 3.6209 |
| **0.2** | 0.0381 | 0.9795 | 0.0770 | 3.7496 |
| **0.3** | 0.0571 | 0.9566 | 0.1729 | 3.9809 |
| **0.4** | 0.0714 | 0.9388 | 0.2705 | 4.4212 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 2.9994 |
| **0.1** | 0.0146 | 0.9963 | 0.0113 | 3.0454 |
| **0.2** | 0.0293 | 0.9854 | 0.0455 | 3.1269 |
| **0.3** | 0.0432 | 0.9697 | 0.0992 | 3.2686 |
| **0.4** | 0.0537 | 0.9568 | 0.1531 | 3.5457 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 15 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Strong MAR; FC=0.4; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0002 | 1.0000 | 0.0001 | 4.0077 |
| **0.1** | 0.0218 | 0.9938 | 0.0252 | 4.0954 |
| **0.2** | 0.0447 | 0.9751 | 0.1061 | 4.2564 |
| **0.3** | 0.0692 | 0.9441 | 0.2538 | 4.5424 |
| **0.4** | 0.0893 | 0.9170 | 0.4229 | 5.0940 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7039 |
| **0.1** | 0.0218 | 0.9934 | 0.0252 | 3.7913 |
| **0.2** | 0.0447 | 0.9732 | 0.1061 | 3.9561 |
| **0.3** | 0.0692 | 0.9402 | 0.2535 | 4.2377 |
| **0.4** | 0.0892 | 0.9119 | 0.4221 | 4.7913 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0218 | 0.9944 | 0.0252 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1062 | 4.6297 |
| **0.3** | 0.0692 | 0.9483 | 0.2540 | 4.9148 |
| **0.4** | 0.0894 | 0.9226 | 0.4234 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.6681 |
| **0.1** | 0.0218 | 0.9933 | 0.0252 | 3.7546 |
| **0.2** | 0.0447 | 0.9729 | 0.1060 | 3.9143 |
| **0.3** | 0.0691 | 0.9397 | 0.2534 | 4.2036 |
| **0.4** | 0.0892 | 0.9113 | 0.4218 | 4.7536 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.1089 |
| **0.1** | 0.0218 | 0.9921 | 0.0252 | 3.1959 |
| **0.2** | 0.0447 | 0.9685 | 0.1058 | 3.3591 |
| **0.3** | 0.0690 | 0.9308 | 0.2524 | 3.6440 |
| **0.4** | 0.0889 | 0.9001 | 0.4191 | 4.1960 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Table 16 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Strong MAR; FC=0.4; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0002 | 1.0000 | 0.0001 | 4.0077 |
| **0.1** | 0.0194 | 0.9951 | 0.0200 | 4.0785 |
| **0.2** | 0.0391 | 0.9807 | 0.0811 | 4.2095 |
| **0.3** | 0.0601 | 0.9569 | 0.1913 | 4.4397 |
| **0.4** | 0.0778 | 0.9343 | 0.3207 | 4.8781 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7039 |
| **0.1** | 0.0151 | 0.9968 | 0.0121 | 3.7503 |
| **0.2** | 0.0305 | 0.9871 | 0.0495 | 3.8298 |
| **0.3** | 0.0467 | 0.9709 | 0.1158 | 3.9740 |
| **0.4** | 0.0605 | 0.9543 | 0.1943 | 4.2499 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0219 | 0.9943 | 0.0254 | 4.4668 |
| **0.2** | 0.0448 | 0.9771 | 0.1063 | 4.6297 |
| **0.3** | 0.0693 | 0.9483 | 0.2542 | 4.9148 |
| **0.4** | 0.0894 | 0.9224 | 0.4241 | 5.4669 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.6681 |
| **0.1** | 0.0193 | 0.9947 | 0.0199 | 3.7380 |
| **0.2** | 0.0388 | 0.9793 | 0.0800 | 3.8692 |
| **0.3** | 0.0590 | 0.9550 | 0.1846 | 4.1005 |
| **0.4** | 0.0749 | 0.9345 | 0.2973 | 4.5372 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.1089 |
| **0.1** | 0.0150 | 0.9962 | 0.0119 | 3.1532 |
| **0.2** | 0.0300 | 0.9853 | 0.0477 | 3.2323 |
| **0.3** | 0.0448 | 0.9685 | 0.1067 | 3.3793 |
| **0.4** | 0.0562 | 0.9542 | 0.1673 | 3.6531 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 17 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=1; MM=Strong MAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4994 |
| **0.1** | 0.0230 | 0.9939 | 0.0281 | 4.5799 |
| **0.2** | 0.0477 | 0.9746 | 0.1204 | 4.7387 |
| **0.3** | 0.0759 | 0.9392 | 0.3051 | 5.0181 |
| **0.4** | 0.1047 | 0.8956 | 0.5811 | 5.5679 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1808 |
| **0.1** | 0.0230 | 0.9934 | 0.0280 | 4.2600 |
| **0.2** | 0.0475 | 0.9729 | 0.1198 | 4.4209 |
| **0.3** | 0.0756 | 0.9355 | 0.3034 | 4.7005 |
| **0.4** | 0.1041 | 0.8905 | 0.5747 | 5.2503 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0230 | 0.9943 | 0.0282 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1207 | 5.1191 |
| **0.3** | 0.0760 | 0.9433 | 0.3063 | 5.4003 |
| **0.4** | 0.1051 | 0.9017 | 0.5851 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1375 |
| **0.1** | 0.0230 | 0.9934 | 0.0280 | 4.2199 |
| **0.2** | 0.0475 | 0.9727 | 0.1197 | 4.3784 |
| **0.3** | 0.0756 | 0.9350 | 0.3028 | 4.6574 |
| **0.4** | 0.1040 | 0.8900 | 0.5728 | 5.2069 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.5328 |
| **0.1** | 0.0228 | 0.9924 | 0.0276 | 3.6149 |
| **0.2** | 0.0472 | 0.9688 | 0.1180 | 3.7754 |
| **0.3** | 0.0749 | 0.9267 | 0.2974 | 4.0565 |
| **0.4** | 0.1022 | 0.8798 | 0.5537 | 4.6062 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Table 18 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=1; MM=Strong MAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4994 |
| **0.1** | 0.0205 | 0.9951 | 0.0223 | 4.5641 |
| **0.2** | 0.0422 | 0.9799 | 0.0946 | 4.6925 |
| **0.3** | 0.0668 | 0.9518 | 0.2368 | 4.9158 |
| **0.4** | 0.0912 | 0.9176 | 0.4412 | 5.3552 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1808 |
| **0.1** | 0.0161 | 0.9967 | 0.0138 | 4.2234 |
| **0.2** | 0.0333 | 0.9864 | 0.0587 | 4.3023 |
| **0.3** | 0.0523 | 0.9674 | 0.1448 | 4.4425 |
| **0.4** | 0.0712 | 0.9430 | 0.2689 | 4.7187 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0231 | 0.9943 | 0.0283 | 4.9610 |
| **0.2** | 0.0477 | 0.9764 | 0.1208 | 5.1191 |
| **0.3** | 0.0761 | 0.9431 | 0.3072 | 5.4003 |
| **0.4** | 0.1053 | 0.9013 | 0.5875 | 5.9493 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1375 |
| **0.1** | 0.0204 | 0.9947 | 0.0222 | 4.2020 |
| **0.2** | 0.0422 | 0.9783 | 0.0942 | 4.3336 |
| **0.3** | 0.0665 | 0.9485 | 0.2345 | 4.5548 |
| **0.4** | 0.0894 | 0.9152 | 0.4234 | 4.9923 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.5328 |
| **0.1** | 0.0160 | 0.9962 | 0.0137 | 3.5752 |
| **0.2** | 0.0331 | 0.9841 | 0.0581 | 3.6570 |
| **0.3** | 0.0516 | 0.9629 | 0.1410 | 3.7957 |
| **0.4** | 0.0682 | 0.9394 | 0.2467 | 4.0698 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 19 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0; LofM=DF)* | | | | | |
| **Amount o1f Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0559 |
| **0.1** | 0.0329 | 0.9864 | 0.0575 | 4.2321 |
| **0.2** | 0.0692 | 0.9444 | 0.2538 | 4.5655 |
| **0.3** | 0.1129 | 0.8688 | 0.6750 | 5.1429 |
| **0.4** | 0.1662 | 0.7659 | 1.4645 | 6.2546 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7524 |
| **0.1** | 0.0329 | 0.9854 | 0.0575 | 3.9280 |
| **0.2** | 0.0692 | 0.9405 | 0.2538 | 4.2612 |
| **0.3** | 0.1129 | 0.8605 | 0.6751 | 4.8386 |
| **0.4** | 0.1662 | 0.7539 | 1.4645 | 5.9503 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.8885 |
| **0.1** | 0.0329 | 0.9859 | 0.0575 | 4.0643 |
| **0.2** | 0.0692 | 0.9423 | 0.2538 | 4.3967 |
| **0.3** | 0.1129 | 0.8643 | 0.6750 | 4.9741 |
| **0.4** | 0.1662 | 0.7594 | 1.4645 | 6.0858 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.3319 |
| **0.1** | 0.0329 | 0.9836 | 0.0575 | 3.5070 |
| **0.2** | 0.0692 | 0.9339 | 0.2538 | 3.8392 |
| **0.3** | 0.1129 | 0.8472 | 0.6751 | 4.4166 |
| **0.4** | 0.1662 | 0.7351 | 1.4645 | 5.5283 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Table 20 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0559 |
| **0.1** | 0.0305 | 0.9883 | 0.0495 | 4.2175 |
| **0.2** | 0.0642 | 0.9517 | 0.2183 | 4.5192 |
| **0.3** | 0.1043 | 0.8856 | 0.5768 | 5.0407 |
| **0.4** | 0.1499 | 0.8028 | 1.1917 | 6.0424 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7524 |
| **0.1** | 0.0262 | 0.9906 | 0.0366 | 3.8936 |
| **0.2** | 0.0548 | 0.9617 | 0.1590 | 4.1494 |
| **0.3** | 0.0868 | 0.9130 | 0.3993 | 4.5872 |
| **0.4** | 0.1212 | 0.8563 | 0.7790 | 5.4222 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.8885 |
| **0.1** | 0.0295 | 0.9885 | 0.0462 | 4.0272 |
| **0.2** | 0.0620 | 0.9526 | 0.2037 | 4.2931 |
| **0.3** | 0.1011 | 0.8861 | 0.5416 | 4.7552 |
| **0.4** | 0.1492 | 0.7909 | 1.1804 | 5.6449 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.3319 |
| **0.1** | 0.0234 | 0.9915 | 0.0290 | 3.4177 |
| **0.2** | 0.0491 | 0.9643 | 0.1279 | 3.5837 |
| **0.3** | 0.0801 | 0.9123 | 0.3398 | 3.8724 |
| **0.4** | 0.1188 | 0.8311 | 0.7481 | 4.4282 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 21 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0.4; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.0580 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.5710 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.1761 |
| **0.1** | 0.0331 | 0.9867 | 0.0580 | 4.3501 |
| **0.2** | 0.0694 | 0.9454 | 0.2555 | 4.6804 |
| **0.3** | 0.1132 | 0.8709 | 0.6788 | 5.2567 |
| **0.4** | 0.1679 | 0.7654 | 1.4938 | 6.3668 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0003 | 1.0000 | 0.0001 | 3.8689 |
| **0.1** | 0.0331 | 0.9857 | 0.0580 | 4.0441 |
| **0.2** | 0.0694 | 0.9416 | 0.2555 | 4.3741 |
| **0.3** | 0.1132 | 0.8629 | 0.6787 | 4.9494 |
| **0.4** | 0.1678 | 0.7536 | 1.4931 | 6.0608 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.0580 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.5710 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0035 |
| **0.1** | 0.0331 | 0.9861 | 0.0580 | 4.1782 |
| **0.2** | 0.0694 | 0.9433 | 0.2555 | 4.5085 |
| **0.3** | 0.1132 | 0.8665 | 0.6786 | 5.0842 |
| **0.4** | 0.1678 | 0.7590 | 1.4928 | 6.1944 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.4380 |
| **0.1** | 0.0331 | 0.9840 | 0.0580 | 3.6129 |
| **0.2** | 0.0694 | 0.9353 | 0.2554 | 3.9440 |
| **0.3** | 0.1131 | 0.8499 | 0.6784 | 4.5198 |
| **0.4** | 0.1677 | 0.7352 | 1.4907 | 5.6305 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 22 |  |  |  |  |  |
|  |  |  |  |  |  |
| Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0.4; LofM=SF) | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.1761 |
| **0.1** | 0.0259 | 0.9918 | 0.0357 | 4.3310 |
| **0.2** | 0.0645 | 0.9524 | 0.2208 | 4.6360 |
| **0.3** | 0.1049 | 0.8869 | 0.5833 | 5.1567 |
| **0.4** | 0.1519 | 0.8014 | 1.2225 | 6.1566 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0003 | 1.0000 | 0.0001 | 3.8689 |
| **0.1** | 0.0230 | 0.9930 | 0.0282 | 4.0051 |
| **0.2** | 0.0554 | 0.9619 | 0.1626 | 4.2617 |
| **0.3** | 0.0881 | 0.9125 | 0.4111 | 4.6995 |
| **0.4** | 0.1238 | 0.8534 | 0.8118 | 5.5354 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.0035 |
| **0.1** | 0.0248 | 0.9921 | 0.0327 | 4.1373 |
| **0.2** | 0.0622 | 0.9535 | 0.2052 | 4.4073 |
| **0.3** | 0.1014 | 0.8882 | 0.5445 | 4.8680 |
| **0.4** | 0.1507 | 0.7908 | 1.2042 | 5.7565 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.4380 |
| **0.1** | 0.0198 | 0.9941 | 0.0208 | 3.5226 |
| **0.2** | 0.0493 | 0.9651 | 0.1287 | 3.6898 |
| **0.3** | 0.0803 | 0.9142 | 0.3414 | 3.9776 |
| **0.4** | 0.1200 | 0.8317 | 0.7630 | 4.5327 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| --- | --- | --- | --- | --- | --- |
| Table 23 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.6675 |
| **0.1** | 0.0337 | 0.9875 | 0.0603 | 4.8278 |
| **0.2** | 0.0706 | 0.9486 | 0.2644 | 5.1475 |
| **0.3** | 0.1147 | 0.8779 | 0.6977 | 5.7138 |
| **0.4** | 0.1748 | 0.7626 | 1.6186 | 6.8166 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3459 |
| **0.1** | 0.0337 | 0.9866 | 0.0602 | 4.5073 |
| **0.2** | 0.0706 | 0.9453 | 0.2641 | 4.8284 |
| **0.3** | 0.1147 | 0.8708 | 0.6970 | 5.3938 |
| **0.4** | 0.1745 | 0.7517 | 1.6137 | 6.4979 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4732 |
| **0.1** | 0.0337 | 0.9870 | 0.0602 | 4.6364 |
| **0.2** | 0.0706 | 0.9468 | 0.2640 | 4.9560 |
| **0.3** | 0.1146 | 0.8739 | 0.6966 | 5.5234 |
| **0.4** | 0.1744 | 0.7567 | 1.6123 | 6.6259 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8628 |
| **0.1** | 0.0336 | 0.9851 | 0.0600 | 4.0288 |
| **0.2** | 0.0704 | 0.9396 | 0.2629 | 4.3497 |
| **0.3** | 0.1145 | 0.8588 | 0.6945 | 4.9175 |
| **0.4** | 0.1736 | 0.7347 | 1.5977 | 6.0217 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 24 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=MCAR; FC=0.8; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.6675 |
| **0.1** | 0.0316 | 0.9890 | 0.0529 | 4.8136 |
| **0.2** | 0.0662 | 0.9546 | 0.2320 | 5.1033 |
| **0.3** | 0.1074 | 0.8911 | 0.6111 | 5.6134 |
| **0.4** | 0.1598 | 0.7951 | 1.3539 | 6.6081 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3459 |
| **0.1** | 0.0278 | 0.9908 | 0.0410 | 4.4708 |
| **0.2** | 0.0582 | 0.9619 | 0.1795 | 4.7151 |
| **0.3** | 0.0937 | 0.9095 | 0.4654 | 5.1426 |
| **0.4** | 0.1335 | 0.8419 | 0.9446 | 5.9742 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4732 |
| **0.1** | 0.0302 | 0.9895 | 0.0484 | 4.6016 |
| **0.2** | 0.0633 | 0.9563 | 0.2124 | 4.8576 |
| **0.3** | 0.1028 | 0.8945 | 0.5604 | 5.3109 |
| **0.4** | 0.1578 | 0.7869 | 1.3200 | 6.1931 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8628 |
| **0.1** | 0.0239 | 0.9923 | 0.0304 | 3.9421 |
| **0.2** | 0.0501 | 0.9676 | 0.1331 | 4.1029 |
| **0.3** | 0.0814 | 0.9199 | 0.3514 | 4.3861 |
| **0.4** | 0.1249 | 0.8324 | 0.8274 | 4.9373 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MCAR=Missing completely at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 25 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Weak MAR; FC=0; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8299 |
| **0.1** | 0.0329 | 0.9857 | 0.0575 | 4.0064 |
| **0.2** | 0.0692 | 0.9415 | 0.2538 | 4.3394 |
| **0.3** | 0.1129 | 0.8627 | 0.6750 | 4.9169 |
| **0.4** | 0.1662 | 0.7571 | 1.4645 | 6.0285 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7146 |
| **0.1** | 0.0329 | 0.9852 | 0.0575 | 3.8895 |
| **0.2** | 0.0692 | 0.9399 | 0.2538 | 4.2201 |
| **0.3** | 0.1129 | 0.8593 | 0.6750 | 4.7976 |
| **0.4** | 0.1662 | 0.7522 | 1.4645 | 5.9092 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.4608 |
| **0.1** | 0.0329 | 0.9842 | 0.0575 | 3.6383 |
| **0.2** | 0.0692 | 0.9361 | 0.2538 | 3.9720 |
| **0.3** | 0.1129 | 0.8516 | 0.6750 | 4.5494 |
| **0.4** | 0.1662 | 0.7413 | 1.4645 | 5.6611 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.2556 |
| **0.1** | 0.0329 | 0.9832 | 0.0575 | 3.4291 |
| **0.2** | 0.0692 | 0.9325 | 0.2538 | 3.7603 |
| **0.3** | 0.1129 | 0.8444 | 0.6751 | 4.3378 |
| **0.4** | 0.1662 | 0.7313 | 1.4645 | 5.4494 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 26 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Weak MAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8299 |
| **0.1** | 0.0286 | 0.9891 | 0.0433 | 3.9834 |
| **0.2** | 0.0598 | 0.9555 | 0.1896 | 4.2621 |
| **0.3** | 0.0959 | 0.8972 | 0.4875 | 4.7409 |
| **0.4** | 0.1354 | 0.8283 | 0.9721 | 5.6608 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7146 |
| **0.1** | 0.0262 | 0.9905 | 0.0366 | 3.8552 |
| **0.2** | 0.0548 | 0.9613 | 0.1590 | 4.1119 |
| **0.3** | 0.0865 | 0.9128 | 0.3968 | 4.5486 |
| **0.4** | 0.1210 | 0.8561 | 0.7755 | 5.3882 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.4608 |
| **0.1** | 0.0267 | 0.9894 | 0.0379 | 3.5800 |
| **0.2** | 0.0559 | 0.9564 | 0.1655 | 3.7961 |
| **0.3** | 0.0910 | 0.8947 | 0.4391 | 4.1705 |
| **0.4** | 0.1337 | 0.8062 | 0.9478 | 4.8915 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.2556 |
| **0.1** | 0.0234 | 0.9913 | 0.0291 | 3.3434 |
| **0.2** | 0.0492 | 0.9635 | 0.1282 | 3.5111 |
| **0.3** | 0.0801 | 0.9104 | 0.3404 | 3.8002 |
| **0.4** | 0.1183 | 0.8297 | 0.7418 | 4.3552 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 27 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Weak MAR; FC=0.4; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.0580 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.5710 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.9493 |
| **0.1** | 0.0331 | 0.9860 | 0.0580 | 4.1252 |
| **0.2** | 0.0694 | 0.9427 | 0.2555 | 4.4585 |
| **0.3** | 0.1132 | 0.8651 | 0.6787 | 5.0313 |
| **0.4** | 0.1679 | 0.7568 | 1.4934 | 6.1410 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8304 |
| **0.1** | 0.0331 | 0.9855 | 0.0580 | 4.0052 |
| **0.2** | 0.0694 | 0.9411 | 0.2555 | 4.3368 |
| **0.3** | 0.1132 | 0.8619 | 0.6787 | 4.9139 |
| **0.4** | 0.1678 | 0.7520 | 1.4931 | 6.0211 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.0580 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.5710 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5752 |
| **0.1** | 0.0331 | 0.9846 | 0.0580 | 3.7506 |
| **0.2** | 0.0694 | 0.9375 | 0.2554 | 4.0869 |
| **0.3** | 0.1131 | 0.8543 | 0.6786 | 4.6579 |
| **0.4** | 0.1678 | 0.7414 | 1.4916 | 5.7672 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.3623 |
| **0.1** | 0.0330 | 0.9836 | 0.0579 | 3.5367 |
| **0.2** | 0.0694 | 0.9340 | 0.2553 | 3.8683 |
| **0.3** | 0.1131 | 0.8474 | 0.6784 | 4.4449 |
| **0.4** | 0.1677 | 0.7315 | 1.4907 | 5.5521 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 28 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Weak MAR; FC=0.4; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.9493 |
| **0.1** | 0.0245 | 0.9922 | 0.0319 | 4.0957 |
| **0.2** | 0.0602 | 0.9561 | 0.1923 | 4.3784 |
| **0.3** | 0.0968 | 0.8977 | 0.4969 | 4.8557 |
| **0.4** | 0.1376 | 0.8263 | 1.0031 | 5.7754 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8304 |
| **0.1** | 0.0229 | 0.9930 | 0.0278 | 3.9696 |
| **0.2** | 0.0555 | 0.9614 | 0.1634 | 4.2263 |
| **0.3** | 0.0880 | 0.9120 | 0.4104 | 4.6633 |
| **0.4** | 0.1232 | 0.8536 | 0.8051 | 5.4979 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5752 |
| **0.1** | 0.0223 | 0.9929 | 0.0263 | 3.6864 |
| **0.2** | 0.0560 | 0.9574 | 0.1664 | 3.9057 |
| **0.3** | 0.0912 | 0.8971 | 0.4406 | 4.2809 |
| **0.4** | 0.1350 | 0.8069 | 0.9664 | 5.0051 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.3623 |
| **0.1** | 0.0196 | 0.9941 | 0.0204 | 3.4497 |
| **0.2** | 0.0494 | 0.9642 | 0.1296 | 3.6162 |
| **0.3** | 0.0803 | 0.9125 | 0.3417 | 3.9052 |
| **0.4** | 0.1195 | 0.8304 | 0.7568 | 4.4616 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 29 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Weak MAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4344 |
| **0.1** | 0.0337 | 0.9869 | 0.0603 | 4.5940 |
| **0.2** | 0.0706 | 0.9462 | 0.2643 | 4.9143 |
| **0.3** | 0.1147 | 0.8728 | 0.6973 | 5.4810 |
| **0.4** | 0.1746 | 0.7545 | 1.6163 | 6.5835 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3091 |
| **0.1** | 0.0337 | 0.9865 | 0.0603 | 4.4686 |
| **0.2** | 0.0706 | 0.9449 | 0.2641 | 4.7908 |
| **0.3** | 0.1147 | 0.8699 | 0.6969 | 5.3552 |
| **0.4** | 0.1745 | 0.7501 | 1.6138 | 6.4586 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.0227 |
| **0.1** | 0.0337 | 0.9857 | 0.0601 | 4.1855 |
| **0.2** | 0.0705 | 0.9415 | 0.2635 | 4.5062 |
| **0.3** | 0.1146 | 0.8629 | 0.6956 | 5.0742 |
| **0.4** | 0.1740 | 0.7402 | 1.6049 | 6.1776 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.7882 |
| **0.1** | 0.0336 | 0.9848 | 0.0600 | 3.9500 |
| **0.2** | 0.0704 | 0.9385 | 0.2629 | 4.2751 |
| **0.3** | 0.1145 | 0.8565 | 0.6944 | 4.8393 |
| **0.4** | 0.1736 | 0.7312 | 1.5978 | 5.9452 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 30 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Weak MAR; FC=0.8; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4344 |
| **0.1** | 0.0298 | 0.9897 | 0.0471 | 4.5693 |
| **0.2** | 0.0623 | 0.9575 | 0.2059 | 4.8401 |
| **0.3** | 0.1010 | 0.8981 | 0.5410 | 5.3067 |
| **0.4** | 0.1465 | 0.8172 | 1.1373 | 6.2200 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.3091 |
| **0.1** | 0.0279 | 0.9907 | 0.0412 | 4.4327 |
| **0.2** | 0.0583 | 0.9616 | 0.1799 | 4.6784 |
| **0.3** | 0.0938 | 0.9087 | 0.4664 | 5.1059 |
| **0.4** | 0.1331 | 0.8419 | 0.9389 | 5.9378 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.0227 |
| **0.1** | 0.0273 | 0.9904 | 0.0394 | 4.1252 |
| **0.2** | 0.0570 | 0.9604 | 0.1721 | 4.3400 |
| **0.3** | 0.0927 | 0.9032 | 0.4557 | 4.7059 |
| **0.4** | 0.1410 | 0.8059 | 1.0531 | 5.4240 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.7882 |
| **0.1** | 0.0239 | 0.9922 | 0.0303 | 3.8633 |
| **0.2** | 0.0502 | 0.9669 | 0.1335 | 4.0263 |
| **0.3** | 0.0814 | 0.9185 | 0.3516 | 4.3115 |
| **0.4** | 0.1246 | 0.8308 | 0.8230 | 4.8628 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 31 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Strong MAR; FC=0; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8861 |
| **0.1** | 0.0329 | 0.9858 | 0.0575 | 4.0620 |
| **0.2** | 0.0692 | 0.9423 | 0.2538 | 4.3953 |
| **0.3** | 0.1129 | 0.8643 | 0.6750 | 4.9727 |
| **0.4** | 0.1662 | 0.7593 | 1.4645 | 6.0843 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5867 |
| **0.1** | 0.0329 | 0.9847 | 0.0575 | 3.7607 |
| **0.2** | 0.0692 | 0.9380 | 0.2538 | 4.0937 |
| **0.3** | 0.1129 | 0.8555 | 0.6751 | 4.6711 |
| **0.4** | 0.1662 | 0.7468 | 1.4645 | 5.7828 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5474 |
| **0.1** | 0.0329 | 0.9846 | 0.0575 | 3.7241 |
| **0.2** | 0.0692 | 0.9375 | 0.2538 | 4.0565 |
| **0.3** | 0.1129 | 0.8543 | 0.6750 | 4.6339 |
| **0.4** | 0.1662 | 0.7451 | 1.4645 | 5.7456 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 2.9994 |
| **0.1** | 0.0329 | 0.9819 | 0.0575 | 3.1717 |
| **0.2** | 0.0692 | 0.9276 | 0.2538 | 3.5066 |
| **0.3** | 0.1129 | 0.8347 | 0.6751 | 4.0840 |
| **0.4** | 0.1662 | 0.7181 | 1.4645 | 5.1957 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 32 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Strong MAR; FC=0; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.8861 |
| **0.1** | 0.0305 | 0.9879 | 0.0492 | 4.0510 |
| **0.2** | 0.0641 | 0.9500 | 0.2175 | 4.3519 |
| **0.3** | 0.1041 | 0.8822 | 0.5741 | 4.8749 |
| **0.4** | 0.1476 | 0.8034 | 1.1551 | 5.8754 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5867 |
| **0.1** | 0.0263 | 0.9902 | 0.0367 | 3.7280 |
| **0.2** | 0.0546 | 0.9603 | 0.1583 | 3.9833 |
| **0.3** | 0.0856 | 0.9123 | 0.3881 | 4.4229 |
| **0.4** | 0.1183 | 0.8590 | 0.7417 | 5.2599 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.2583 |
| **0.1** | 0.0329 | 0.9870 | 0.0575 | 4.4347 |
| **0.2** | 0.0692 | 0.9468 | 0.2538 | 4.7670 |
| **0.3** | 0.1129 | 0.8737 | 0.6750 | 5.3444 |
| **0.4** | 0.1662 | 0.7732 | 1.4645 | 6.4561 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.5474 |
| **0.1** | 0.0293 | 0.9877 | 0.0457 | 3.6938 |
| **0.2** | 0.0617 | 0.9490 | 0.2020 | 3.9601 |
| **0.3** | 0.1009 | 0.8780 | 0.5393 | 4.4209 |
| **0.4** | 0.1463 | 0.7865 | 1.1340 | 5.3116 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 2.9994 |
| **0.1** | 0.0233 | 0.9907 | 0.0289 | 3.0900 |
| **0.2** | 0.0488 | 0.9612 | 0.1263 | 3.2549 |
| **0.3** | 0.0798 | 0.9049 | 0.3374 | 3.5454 |
| **0.4** | 0.1145 | 0.8307 | 0.6945 | 4.1020 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 33 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Strong MAR; FC=0.4; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.058 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.571 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0002 | 1.0000 | 0.0001 | 4.0077 |
| **0.1** | 0.0331 | 0.9861 | 0.058 | 4.1822 |
| **0.2** | 0.0694 | 0.9434 | 0.2555 | 4.5138 |
| **0.3** | 0.1132 | 0.8666 | 0.6788 | 5.0883 |
| **0.4** | 0.1679 | 0.7590 | 1.4937 | 6.1969 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0 | 3.7039 |
| **0.1** | 0.0331 | 0.9851 | 0.058 | 3.8781 |
| **0.2** | 0.0694 | 0.9393 | 0.2555 | 4.2089 |
| **0.3** | 0.1132 | 0.8582 | 0.6787 | 4.7854 |
| **0.4** | 0.1678 | 0.7467 | 1.4931 | 5.8948 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0331 | 0.9873 | 0.058 | 4.5547 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6788 | 5.4609 |
| **0.4** | 0.1679 | 0.7726 | 1.4942 | 6.571 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.6681 |
| **0.1** | 0.0331 | 0.9849 | 0.058 | 3.8424 |
| **0.2** | 0.0694 | 0.9388 | 0.2555 | 4.1743 |
| **0.3** | 0.1132 | 0.8571 | 0.6787 | 4.7475 |
| **0.4** | 0.1678 | 0.7451 | 1.4927 | 5.8569 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0 | 3.1089 |
| **0.1** | 0.0330 | 0.9824 | 0.0579 | 3.2829 |
| **0.2** | 0.0694 | 0.9293 | 0.2553 | 3.613 |
| **0.3** | 0.1131 | 0.8381 | 0.6784 | 4.1889 |
| **0.4** | 0.1677 | 0.7188 | 1.4906 | 5.3005 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 34 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Strong MAR; FC=0.4; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0002 | 1.0000 | 0.0001 | 4.0077 |
| **0.1** | 0.0257 | 0.9916 | 0.0352 | 4.1637 |
| **0.2** | 0.0645 | 0.9507 | 0.2205 | 4.4695 |
| **0.3** | 0.1047 | 0.8835 | 0.5812 | 4.9902 |
| **0.4** | 0.1497 | 0.8016 | 1.1886 | 5.9910 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.7039 |
| **0.1** | 0.0226 | 0.9929 | 0.0272 | 3.8415 |
| **0.2** | 0.0555 | 0.9602 | 0.1633 | 4.0996 |
| **0.3** | 0.0870 | 0.9116 | 0.4011 | 4.5351 |
| **0.4** | 0.1208 | 0.8559 | 0.7737 | 5.3709 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 4.3807 |
| **0.1** | 0.0276 | 0.9911 | 0.0406 | 4.5480 |
| **0.2** | 0.0694 | 0.9477 | 0.2556 | 4.8851 |
| **0.3** | 0.1132 | 0.8757 | 0.6786 | 5.4609 |
| **0.4** | 0.1678 | 0.7729 | 1.4925 | 6.5711 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0001 | 1.0000 | 0.0001 | 3.6681 |
| **0.1** | 0.0243 | 0.9918 | 0.0313 | 3.8022 |
| **0.2** | 0.0621 | 0.9499 | 0.2042 | 4.0745 |
| **0.3** | 0.1011 | 0.8807 | 0.5413 | 4.5348 |
| **0.4** | 0.1477 | 0.7868 | 1.1565 | 5.4242 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 3.1089 |
| **0.1** | 0.0187 | 0.9942 | 0.0185 | 3.1939 |
| **0.2** | 0.0492 | 0.9619 | 0.1282 | 3.3632 |
| **0.3** | 0.0799 | 0.9074 | 0.3382 | 3.6507 |
| **0.4** | 0.1156 | 0.8316 | 0.7084 | 4.2073 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 35 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1(Conditions: NofCR=2; MM=Strong MAR; FC=0.8; LofM=DF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4994 |
| **0.1** | 0.0337 | 0.9871 | 0.0603 | 4.6593 |
| **0.2** | 0.0706 | 0.9469 | 0.2645 | 4.9786 |
| **0.3** | 0.1147 | 0.8742 | 0.6976 | 5.5452 |
| **0.4** | 0.1748 | 0.7565 | 1.6186 | 6.6472 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1808 |
| **0.1** | 0.0337 | 0.9861 | 0.0602 | 4.3415 |
| **0.2** | 0.0706 | 0.9434 | 0.2641 | 4.6614 |
| **0.3** | 0.1147 | 0.8667 | 0.6969 | 5.2271 |
| **0.4** | 0.1745 | 0.7451 | 1.6139 | 6.3320 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0707 | 0.9506 | 0.2647 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7693 | 1.6216 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1375 |
| **0.1** | 0.0337 | 0.9860 | 0.0602 | 4.2986 |
| **0.2** | 0.0706 | 0.9428 | 0.2640 | 4.6177 |
| **0.3** | 0.1146 | 0.8657 | 0.6967 | 5.1862 |
| **0.4** | 0.1744 | 0.7436 | 1.6122 | 6.2884 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.5328 |
| **0.1** | 0.0336 | 0.9838 | 0.0599 | 3.6971 |
| **0.2** | 0.0704 | 0.9346 | 0.2629 | 4.0178 |
| **0.3** | 0.1145 | 0.8486 | 0.6944 | 4.5857 |
| **0.4** | 0.1736 | 0.7193 | 1.5978 | 5.6913 |
| *Note:* NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; DF=Different factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 36 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 1 (Conditions: NofCR=2; MM=Strong MAR; FC=0.8; LofM=SF)* | | | | | |
| **Amount of Missing Values** | **Size Of CR** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Two Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.4994 |
| **0.1** | 0.0315 | 0.9887 | 0.0527 | 4.6459 |
| **0.2** | 0.0661 | 0.9532 | 0.2313 | 4.9369 |
| **0.3** | 0.1074 | 0.8878 | 0.6110 | 5.4471 |
| **0.4** | 0.1581 | 0.7943 | 1.3253 | 6.4415 |
| **Two Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1808 |
| **0.1** | 0.0278 | 0.9905 | 0.0411 | 4.3066 |
| **0.2** | 0.0582 | 0.9605 | 0.1796 | 4.5515 |
| **0.3** | 0.0936 | 0.9068 | 0.4641 | 4.9786 |
| **0.4** | 0.1311 | 0.8432 | 0.9111 | 5.8097 |
| **Four Variables with Missing, each with 0% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.8812 |
| **0.1** | 0.0337 | 0.9880 | 0.0604 | 5.0422 |
| **0.2** | 0.0706 | 0.9507 | 0.2645 | 5.3616 |
| **0.3** | 0.1148 | 0.8822 | 0.6981 | 5.9280 |
| **0.4** | 0.1749 | 0.7694 | 1.6211 | 7.0302 |
| **Four Variables with Missing, each with 20% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0000 | 4.1375 |
| **0.1** | 0.0301 | 0.9888 | 0.0480 | 4.2662 |
| **0.2** | 0.0630 | 0.9535 | 0.2106 | 4.5252 |
| **0.3** | 0.1025 | 0.8882 | 0.5565 | 4.9776 |
| **0.4** | 0.1542 | 0.7850 | 1.2600 | 5.8599 |
| **Four Variables with Missing, each with 50% Missing** | **0.0** | 0.0000 | 1.0000 | 0.0001 | 3.5328 |
| **0.1** | 0.0237 | 0.9918 | 0.0298 | 3.6106 |
| **0.2** | 0.0498 | 0.9651 | 0.1317 | 3.7742 |
| **0.3** | 0.0810 | 0.9144 | 0.3476 | 4.0577 |
| **0.4** | 0.1207 | 0.8326 | 0.7718 | 4.6095 |
| *Note*: NofCR=Number of correlated residuals; MM=Missing mechanism; MAR=Missing at random; FC=Factor correlation; LofM=Location of misfit; SF=Same factor; CR=Correlation residual; FminB=Fmin for the baseline model. | | | | | |

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| Table 37 | | | | | |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0005 | 1.0000 | 0.0001 | 5.3147 |
| **0.9** | 0.0430 | 0.9797 | 0.0998 | 4.9223 |
| **0.8** | 0.0756 | 0.9338 | 0.3089 | 4.6669 |
| **0.7** | 0.1024 | 0.8738 | 0.5663 | 4.4866 |
| **0.6** | 0.1250 | 0.8061 | 0.8440 | 4.3530 |
| **0.5** | 0.1447 | 0.7340 | 1.1309 | 4.2515 |
| **0.4** | 0.1613 | 0.6637 | 1.4046 | 4.1760 |
| **0.3** | 0.1739 | 0.6036 | 1.6339 | 4.1213 |
| **0.2** | 0.1824 | 0.5599 | 1.7972 | 4.0840 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 4.9622 |
| **0.9** | 0.0405 | 0.9808 | 0.0884 | 4.5914 |
| **0.8** | 0.0714 | 0.9367 | 0.2752 | 4.3477 |
| **0.7** | 0.0966 | 0.8793 | 0.5037 | 4.1713 |
| **0.6** | 0.1177 | 0.8149 | 0.7478 | 4.0410 |
| **0.5** | 0.1356 | 0.7481 | 0.9934 | 3.9434 |
| **0.4** | 0.1498 | 0.6870 | 1.2111 | 3.8687 |
| **0.3** | 0.1605 | 0.6356 | 1.3906 | 3.8160 |
| **0.2** | 0.1677 | 0.5982 | 1.5184 | 3.7789 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 38 | | | | | |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 5.3139 |
| **0.9** | 0.0430 | 0.9797 | 0.1001 | 4.9200 |
| **0.8** | 0.0757 | 0.9337 | 0.3096 | 4.6649 |
| **0.7** | 0.1025 | 0.8734 | 0.5677 | 4.4841 |
| **0.6** | 0.1251 | 0.8057 | 0.8449 | 4.3490 |
| **0.5** | 0.1448 | 0.7334 | 1.1327 | 4.2480 |
| **0.4** | 0.1613 | 0.6631 | 1.4056 | 4.1721 |
| **0.3** | 0.1739 | 0.6035 | 1.6323 | 4.1172 |
| **0.2** | 0.1823 | 0.5603 | 1.7939 | 4.0796 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 4.9605 |
| **0.9** | 0.0405 | 0.9807 | 0.0888 | 4.5886 |
| **0.8** | 0.0715 | 0.9364 | 0.2764 | 4.3442 |
| **0.7** | 0.0968 | 0.8785 | 0.5062 | 4.1674 |
| **0.6** | 0.1178 | 0.8142 | 0.7498 | 4.0360 |
| **0.5** | 0.1358 | 0.7472 | 0.9953 | 3.9377 |
| **0.4** | 0.1498 | 0.6863 | 1.2123 | 3.8640 |
| **0.3** | 0.1603 | 0.6356 | 1.3885 | 3.8106 |
| **0.2** | 0.1675 | 0.5986 | 1.5147 | 3.7738 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 39 | | | | | |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 5.0852 |
| **0.9** | 0.0412 | 0.9806 | 0.0915 | 4.7148 |
| **0.8** | 0.0725 | 0.9365 | 0.2841 | 4.4734 |
| **0.7** | 0.0982 | 0.8789 | 0.5209 | 4.3022 |
| **0.6** | 0.1199 | 0.8138 | 0.7770 | 4.1735 |
| **0.5** | 0.1387 | 0.7452 | 1.0385 | 4.0752 |
| **0.4** | 0.1542 | 0.6793 | 1.2840 | 4.0034 |
| **0.3** | 0.1662 | 0.6225 | 1.4912 | 3.9503 |
| **0.2** | 0.1743 | 0.5810 | 1.6405 | 3.9153 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 4.3897 |
| **0.9** | 0.0351 | 0.9837 | 0.0666 | 4.0755 |
| **0.8** | 0.0620 | 0.9464 | 0.2073 | 3.8650 |
| **0.7** | 0.0837 | 0.8981 | 0.3783 | 3.7106 |
| **0.6** | 0.1018 | 0.8443 | 0.5594 | 3.5925 |
| **0.5** | 0.1170 | 0.7889 | 0.7394 | 3.5029 |
| **0.4** | 0.1289 | 0.7391 | 0.8968 | 3.4380 |
| **0.3** | 0.1380 | 0.6967 | 1.0278 | 3.3885 |
| **0.2** | 0.1443 | 0.6650 | 1.1246 | 3.3570 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 40 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 5.0795 |
| **0.9** | 0.0414 | 0.9803 | 0.0925 | 4.6984 |
| **0.8** | 0.0730 | 0.9354 | 0.2875 | 4.4508 |
| **0.7** | 0.0988 | 0.8766 | 0.5274 | 4.2743 |
| **0.6** | 0.1204 | 0.8109 | 0.7833 | 4.1428 |
| **0.5** | 0.1390 | 0.7418 | 1.0439 | 4.0428 |
| **0.4** | 0.1540 | 0.6775 | 1.2801 | 3.9694 |
| **0.3** | 0.1651 | 0.6239 | 1.4727 | 3.9153 |
| **0.2** | 0.1727 | 0.5847 | 1.6108 | 3.8787 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0000 | 4.3778 |
| **0.9** | 0.0354 | 0.9833 | 0.0676 | 4.0474 |
| **0.8** | 0.0626 | 0.9447 | 0.2116 | 3.8267 |
| **0.7** | 0.0845 | 0.8949 | 0.3852 | 3.6634 |
| **0.6** | 0.1020 | 0.8414 | 0.5618 | 3.5412 |
| **0.5** | 0.1164 | 0.7877 | 0.7320 | 3.4474 |
| **0.4** | 0.1273 | 0.7411 | 0.8751 | 3.3801 |
| **0.3** | 0.1353 | 0.7030 | 0.9889 | 3.3289 |
| **0.2** | 0.1409 | 0.6747 | 1.0717 | 3.2949 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 41 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 4.8649 |
| **0.9** | 0.0401 | 0.9808 | 0.0871 | 4.5381 |
| **0.8** | 0.0706 | 0.9379 | 0.2691 | 4.3294 |
| **0.7** | 0.0955 | 0.8823 | 0.4924 | 4.1818 |
| **0.6** | 0.1167 | 0.8195 | 0.7350 | 4.0729 |
| **0.5** | 0.1351 | 0.7530 | 0.9854 | 3.9894 |
| **0.4** | 0.1508 | 0.6873 | 1.2288 | 3.9294 |
| **0.3** | 0.1632 | 0.6301 | 1.4375 | 3.8856 |
| **0.2** | 0.1714 | 0.5886 | 1.5861 | 3.8551 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 3.8398 |
| **0.9** | 0.0320 | 0.9848 | 0.0553 | 3.6349 |
| **0.8** | 0.0564 | 0.9510 | 0.1717 | 3.5050 |
| **0.7** | 0.0763 | 0.9078 | 0.3144 | 3.4111 |
| **0.6** | 0.0932 | 0.8597 | 0.4691 | 3.3427 |
| **0.5** | 0.1078 | 0.8093 | 0.6274 | 3.2900 |
| **0.4** | 0.1197 | 0.7622 | 0.7737 | 3.2528 |
| **0.3** | 0.1290 | 0.7215 | 0.8981 | 3.2249 |
| **0.2** | 0.1354 | 0.6912 | 0.9903 | 3.2072 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 42 |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=MCAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0005 | 1.0000 | 0.0001 | 4.8441 |
| **0.9** | 0.0395 | 0.9812 | 0.0845 | 4.4811 |
| **0.8** | 0.0699 | 0.9378 | 0.2637 | 4.2412 |
| **0.7** | 0.0946 | 0.8812 | 0.4835 | 4.0698 |
| **0.6** | 0.1150 | 0.8187 | 0.7148 | 3.9415 |
| **0.5** | 0.1324 | 0.7537 | 0.9468 | 3.8443 |
| **0.4** | 0.1459 | 0.6954 | 1.1490 | 3.7721 |
| **0.3** | 0.1559 | 0.6471 | 1.3122 | 3.7179 |
| **0.2** | 0.1627 | 0.6116 | 1.4297 | 3.6815 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 3.8023 |
| **0.9** | 0.0290 | 0.9871 | 0.0455 | 3.5322 |
| **0.8** | 0.0513 | 0.9575 | 0.1422 | 3.3428 |
| **0.7** | 0.0688 | 0.9201 | 0.2558 | 3.2003 |
| **0.6** | 0.0826 | 0.8809 | 0.3687 | 3.0943 |
| **0.5** | 0.0938 | 0.8422 | 0.4750 | 3.0103 |
| **0.4** | 0.1019 | 0.8100 | 0.5605 | 2.9500 |
| **0.3** | 0.1078 | 0.7838 | 0.6277 | 2.9028 |
| **0.2** | 0.1120 | 0.7640 | 0.6778 | 2.8723 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MCAR=Missing completely at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 43 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.0645 |
| **0.9** | 0.0417 | 0.9800 | 0.0941 | 4.6974 |
| **0.8** | 0.0735 | 0.9346 | 0.2919 | 4.4628 |
| **0.7** | 0.0994 | 0.8759 | 0.5332 | 4.2951 |
| **0.6** | 0.1211 | 0.8101 | 0.7920 | 4.1708 |
| **0.5** | 0.1401 | 0.7405 | 1.0593 | 4.0816 |
| **0.4** | 0.1555 | 0.6745 | 1.3060 | 4.0120 |
| **0.3** | 0.1672 | 0.6190 | 1.5104 | 3.9647 |
| **0.2** | 0.1751 | 0.5785 | 1.6558 | 3.9286 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 4.9223 |
| **0.9** | 0.0405 | 0.9806 | 0.0885 | 4.5611 |
| **0.8** | 0.0713 | 0.9365 | 0.2746 | 4.3231 |
| **0.7** | 0.0964 | 0.8793 | 0.5016 | 4.1539 |
| **0.6** | 0.1175 | 0.8148 | 0.7460 | 4.0285 |
| **0.5** | 0.1354 | 0.7483 | 0.9901 | 3.9343 |
| **0.4** | 0.1496 | 0.6871 | 1.2089 | 3.8631 |
| **0.3** | 0.1604 | 0.6356 | 1.3896 | 3.8139 |
| **0.2** | 0.1677 | 0.5980 | 1.5190 | 3.7786 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 44 |  |  |  |  |  |
|  |  |  |  |  |  |
|  | | | | | |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 5.0619 |
| **0.9** | 0.0417 | 0.9799 | 0.0942 | 4.6920 |
| **0.8** | 0.0736 | 0.9344 | 0.2926 | 4.4575 |
| **0.7** | 0.0996 | 0.8752 | 0.5356 | 4.2896 |
| **0.6** | 0.1213 | 0.8092 | 0.7945 | 4.1636 |
| **0.5** | 0.1403 | 0.7392 | 1.0627 | 4.0750 |
| **0.4** | 0.1556 | 0.6737 | 1.3071 | 4.0064 |
| **0.3** | 0.1672 | 0.6188 | 1.5090 | 3.9584 |
| **0.2** | 0.1749 | 0.5788 | 1.6520 | 3.9221 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 4.9204 |
| **0.9** | 0.0405 | 0.9806 | 0.0887 | 4.5569 |
| **0.8** | 0.0715 | 0.9361 | 0.2759 | 4.3181 |
| **0.7** | 0.0966 | 0.8786 | 0.5040 | 4.1498 |
| **0.6** | 0.1178 | 0.8137 | 0.7495 | 4.0240 |
| **0.5** | 0.1356 | 0.7473 | 0.9927 | 3.9285 |
| **0.4** | 0.1498 | 0.6861 | 1.2112 | 3.8584 |
| **0.3** | 0.1603 | 0.6355 | 1.3881 | 3.8083 |
| **0.2** | 0.1674 | 0.5986 | 1.5139 | 3.7717 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 45 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 4.5891 |
| **0.9** | 0.0383 | 0.9815 | 0.0791 | 4.2775 |
| **0.8** | 0.0673 | 0.9400 | 0.2446 | 4.0786 |
| **0.7** | 0.0910 | 0.8865 | 0.4468 | 3.9377 |
| **0.6** | 0.1107 | 0.8274 | 0.6616 | 3.8326 |
| **0.5** | 0.1278 | 0.7653 | 0.8819 | 3.7581 |
| **0.4** | 0.1418 | 0.7067 | 1.0854 | 3.7000 |
| **0.3** | 0.1524 | 0.6573 | 1.2543 | 3.6598 |
| **0.2** | 0.1598 | 0.6203 | 1.3790 | 3.6314 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 4.3111 |
| **0.9** | 0.0351 | 0.9835 | 0.0664 | 4.0157 |
| **0.8** | 0.0617 | 0.9461 | 0.2057 | 3.8167 |
| **0.7** | 0.0834 | 0.8978 | 0.3757 | 3.6758 |
| **0.6** | 0.1015 | 0.8441 | 0.5561 | 3.5681 |
| **0.5** | 0.1165 | 0.7895 | 0.7335 | 3.4850 |
| **0.4** | 0.1287 | 0.7392 | 0.8942 | 3.4282 |
| **0.3** | 0.1378 | 0.6969 | 1.0257 | 3.3838 |
| **0.2** | 0.1444 | 0.6644 | 1.1268 | 3.3577 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 46 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 4.5781 |
| **0.9** | 0.0385 | 0.9811 | 0.0803 | 4.2514 |
| **0.8** | 0.0679 | 0.9385 | 0.2488 | 4.0416 |
| **0.7** | 0.0918 | 0.8831 | 0.4555 | 3.8963 |
| **0.6** | 0.1115 | 0.8227 | 0.6712 | 3.7862 |
| **0.5** | 0.1281 | 0.7608 | 0.8866 | 3.7058 |
| **0.4** | 0.1411 | 0.7054 | 1.0755 | 3.6503 |
| **0.3** | 0.1509 | 0.6594 | 1.2289 | 3.6078 |
| **0.2** | 0.1573 | 0.6264 | 1.3360 | 3.5762 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0000 | 4.2998 |
| **0.9** | 0.0354 | 0.9830 | 0.0678 | 3.9871 |
| **0.8** | 0.0625 | 0.9442 | 0.2108 | 3.7785 |
| **0.7** | 0.0842 | 0.8945 | 0.3831 | 3.6311 |
| **0.6** | 0.1020 | 0.8405 | 0.5616 | 3.5194 |
| **0.5** | 0.1163 | 0.7870 | 0.7311 | 3.4321 |
| **0.4** | 0.1274 | 0.7400 | 0.8771 | 3.3735 |
| **0.3** | 0.1355 | 0.7020 | 0.9917 | 3.3275 |
| **0.2** | 0.1411 | 0.6738 | 1.0749 | 3.2956 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 47 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 4.1317 |
| **0.9** | 0.0360 | 0.9821 | 0.0700 | 3.9112 |
| **0.8** | 0.0632 | 0.9430 | 0.2157 | 3.7813 |
| **0.7** | 0.0853 | 0.8936 | 0.3930 | 3.6926 |
| **0.6** | 0.1039 | 0.8396 | 0.5826 | 3.6327 |
| **0.5** | 0.1203 | 0.7824 | 0.7817 | 3.5926 |
| **0.4** | 0.1346 | 0.7251 | 0.9783 | 3.5591 |
| **0.3** | 0.1460 | 0.6748 | 1.1510 | 3.5388 |
| **0.2** | 0.1540 | 0.6366 | 1.2807 | 3.5245 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0004 | 1.0000 | 0.0001 | 3.7225 |
| **0.9** | 0.0318 | 0.9846 | 0.0546 | 3.5441 |
| **0.8** | 0.0558 | 0.9510 | 0.1684 | 3.4327 |
| **0.7** | 0.0755 | 0.9084 | 0.3078 | 3.3601 |
| **0.6** | 0.0924 | 0.8605 | 0.4610 | 3.3035 |
| **0.5** | 0.1067 | 0.8115 | 0.6150 | 3.2624 |
| **0.4** | 0.1189 | 0.7641 | 0.7640 | 3.2378 |
| **0.3** | 0.1285 | 0.7227 | 0.8920 | 3.2169 |
| **0.2** | 0.1355 | 0.6908 | 0.9917 | 3.2074 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 48 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Weak MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0005 | 1.0000 | 0.0001 | 4.0984 |
| **0.9** | 0.0349 | 0.9828 | 0.0658 | 3.8234 |
| **0.8** | 0.0613 | 0.9444 | 0.2028 | 3.6449 |
| **0.7** | 0.0827 | 0.8952 | 0.3690 | 3.5211 |
| **0.6** | 0.1001 | 0.8424 | 0.5408 | 3.4304 |
| **0.5** | 0.1144 | 0.7899 | 0.7068 | 3.3640 |
| **0.4** | 0.1254 | 0.7439 | 0.8497 | 3.3178 |
| **0.3** | 0.1335 | 0.7066 | 0.9629 | 3.2821 |
| **0.2** | 0.1391 | 0.6794 | 1.0449 | 3.2589 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 3.6850 |
| **0.9** | 0.0294 | 0.9864 | 0.0468 | 3.4443 |
| **0.8** | 0.0518 | 0.9559 | 0.1447 | 3.2808 |
| **0.7** | 0.0696 | 0.9173 | 0.2614 | 3.1618 |
| **0.6** | 0.0836 | 0.8770 | 0.3776 | 3.0699 |
| **0.5** | 0.0949 | 0.8381 | 0.4860 | 3.0015 |
| **0.4** | 0.1032 | 0.8050 | 0.5756 | 2.9515 |
| **0.3** | 0.1096 | 0.7777 | 0.6486 | 2.9171 |
| **0.2** | 0.1139 | 0.7576 | 0.7010 | 2.8919 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 49 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 5.1464 |
| **0.9** | 0.0428 | 0.9793 | 0.0991 | 4.7856 |
| **0.8** | 0.0753 | 0.9329 | 0.3059 | 4.5618 |
| **0.7** | 0.1017 | 0.8733 | 0.5585 | 4.4070 |
| **0.6** | 0.1240 | 0.8065 | 0.8306 | 4.2925 |
| **0.5** | 0.1435 | 0.7358 | 1.1122 | 4.2102 |
| **0.4** | 0.1603 | 0.6657 | 1.3883 | 4.1523 |
| **0.3** | 0.1734 | 0.6048 | 1.6233 | 4.1072 |
| **0.2** | 0.1822 | 0.5604 | 1.7921 | 4.0768 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 4.7946 |
| **0.9** | 0.0402 | 0.9804 | 0.0875 | 4.4591 |
| **0.8** | 0.0709 | 0.9361 | 0.2713 | 4.2462 |
| **0.7** | 0.0957 | 0.8792 | 0.4947 | 4.0953 |
| **0.6** | 0.1166 | 0.8157 | 0.7344 | 3.9843 |
| **0.5** | 0.1345 | 0.7500 | 0.9762 | 3.9048 |
| **0.4** | 0.1489 | 0.6886 | 1.1973 | 3.8454 |
| **0.3** | 0.1600 | 0.6367 | 1.3816 | 3.8030 |
| **0.2** | 0.1674 | 0.5987 | 1.5141 | 3.7727 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 50 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Two Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Two Variables with Missing, each with 20% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 5.1454 |
| **0.9** | 0.0428 | 0.9793 | 0.0991 | 4.7835 |
| **0.8** | 0.0753 | 0.9328 | 0.3066 | 4.5598 |
| **0.7** | 0.1018 | 0.8728 | 0.5602 | 4.4040 |
| **0.6** | 0.1242 | 0.8058 | 0.8333 | 4.2907 |
| **0.5** | 0.1437 | 0.7350 | 1.1149 | 4.2079 |
| **0.4** | 0.1605 | 0.6649 | 1.3904 | 4.1491 |
| **0.3** | 0.1734 | 0.6045 | 1.6232 | 4.1046 |
| **0.2** | 0.1821 | 0.5606 | 1.7900 | 4.0735 |
| **Two Variables with Missing, each with 50% Missing** | **1.0** | 0.0001 | 1.0000 | 0.0001 | 4.7947 |
| **0.9** | 0.0403 | 0.9803 | 0.0876 | 4.4559 |
| **0.8** | 0.0710 | 0.9358 | 0.2723 | 4.2431 |
| **0.7** | 0.0959 | 0.8785 | 0.4971 | 4.0916 |
| **0.6** | 0.1169 | 0.8146 | 0.7383 | 3.9813 |
| **0.5** | 0.1348 | 0.7485 | 0.9808 | 3.9005 |
| **0.4** | 0.1491 | 0.6875 | 1.2005 | 3.8417 |
| **0.3** | 0.1600 | 0.6362 | 1.3825 | 3.7996 |
| **0.2** | 0.1673 | 0.5988 | 1.5117 | 3.7681 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 51 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 4.7488 |
| **0.9** | 0.0408 | 0.9797 | 0.0901 | 4.4437 |
| **0.8** | 0.0715 | 0.9353 | 0.2759 | 4.2628 |
| **0.7** | 0.0965 | 0.8787 | 0.5025 | 4.1416 |
| **0.6** | 0.1175 | 0.8162 | 0.7456 | 4.0554 |
| **0.5** | 0.1358 | 0.7507 | 0.9958 | 3.9940 |
| **0.4** | 0.1520 | 0.6848 | 1.2469 | 3.9558 |
| **0.3** | 0.1648 | 0.6261 | 1.4665 | 3.9220 |
| **0.2** | 0.1737 | 0.5824 | 1.6296 | 3.9019 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 4.0563 |
| **0.9** | 0.0345 | 0.9832 | 0.0642 | 3.8126 |
| **0.8** | 0.0605 | 0.9459 | 0.1980 | 3.6625 |
| **0.7** | 0.0815 | 0.8991 | 0.3588 | 3.5564 |
| **0.6** | 0.0990 | 0.8480 | 0.5293 | 3.4815 |
| **0.5** | 0.1140 | 0.7952 | 0.7019 | 3.4274 |
| **0.4** | 0.1265 | 0.7452 | 0.8638 | 3.3903 |
| **0.3** | 0.1365 | 0.7008 | 1.0059 | 3.3620 |
| **0.2** | 0.1436 | 0.6669 | 1.1143 | 3.3455 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 52 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Four Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Four Variables with Missing, each with 20% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0000 | 4.7430 |
| **0.9** | 0.0410 | 0.9796 | 0.0907 | 4.4308 |
| **0.8** | 0.0720 | 0.9340 | 0.2800 | 4.2446 |
| **0.7** | 0.0973 | 0.8760 | 0.5111 | 4.1207 |
| **0.6** | 0.1186 | 0.8117 | 0.7596 | 4.0334 |
| **0.5** | 0.1369 | 0.7451 | 1.0116 | 3.9686 |
| **0.4** | 0.1524 | 0.6806 | 1.2544 | 3.9274 |
| **0.3** | 0.1645 | 0.6250 | 1.4608 | 3.8952 |
| **0.2** | 0.1727 | 0.5845 | 1.6098 | 3.8739 |
| **Four Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 4.0492 |
| **0.9** | 0.0348 | 0.9827 | 0.0656 | 3.7914 |
| **0.8** | 0.0614 | 0.9440 | 0.2034 | 3.6329 |
| **0.7** | 0.0828 | 0.8949 | 0.3704 | 3.5243 |
| **0.6** | 0.1006 | 0.8416 | 0.5461 | 3.4468 |
| **0.5** | 0.1151 | 0.7886 | 0.7158 | 3.3857 |
| **0.4** | 0.1269 | 0.7406 | 0.8693 | 3.3515 |
| **0.3** | 0.1356 | 0.7008 | 0.9937 | 3.3212 |
| **0.2** | 0.1417 | 0.6717 | 1.0840 | 3.3016 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

|  |  |  |  |  |  |
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| Table 53 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Min; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0001 | 1.0000 | 0.0001 | 4.3601 |
| **0.9** | 0.0392 | 0.9799 | 0.0831 | 4.1320 |
| **0.8** | 0.0684 | 0.9371 | 0.2525 | 4.0119 |
| **0.7** | 0.0920 | 0.8841 | 0.4566 | 3.9405 |
| **0.6** | 0.1117 | 0.8271 | 0.6738 | 3.8963 |
| **0.5** | 0.1287 | 0.7688 | 0.8945 | 3.8686 |
| **0.4** | 0.1441 | 0.7094 | 1.1207 | 3.8560 |
| **0.3** | 0.1570 | 0.6534 | 1.3315 | 3.8416 |
| **0.2** | 0.1684 | 0.6007 | 1.5317 | 3.8362 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 3.3398 |
| **0.9** | 0.0306 | 0.9844 | 0.0506 | 3.2401 |
| **0.8** | 0.0532 | 0.9522 | 0.1530 | 3.2002 |
| **0.7** | 0.0714 | 0.9136 | 0.2750 | 3.1803 |
| **0.6** | 0.0865 | 0.8727 | 0.4043 | 3.1754 |
| **0.5** | 0.0996 | 0.8313 | 0.5360 | 3.1766 |
| **0.4** | 0.1111 | 0.7904 | 0.6667 | 3.1813 |
| **0.3** | 0.1214 | 0.7501 | 0.7958 | 3.1843 |
| **0.2** | 0.1305 | 0.7117 | 0.9199 | 3.1908 |
| *Note:* NofP=Number of missing patterns*;* Min=Minimum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |

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| Table 54 |  |  |  |  |  |
|  |  |  |  |  |  |
| *Results for Simulation Study 2 (Conditions: NofMP=Max; MM=Strong MAR)* | | | | | |
| **Amount of Missing Values** | **FC** | **RMSEA** | **CFI** | **Fmin** | **FminB** |
| **Six Variables with Missing, each with 0% Missing** | **1.0** | 0.0003 | 1.0000 | 0.0001 | 5.5509 |
| **0.9** | 0.0445 | 0.9792 | 0.1071 | 5.1431 |
| **0.8** | 0.0782 | 0.9323 | 0.3304 | 4.8812 |
| **0.7** | 0.1057 | 0.8716 | 0.6033 | 4.6962 |
| **0.6** | 0.1290 | 0.8028 | 0.8991 | 4.5597 |
| **0.5** | 0.1494 | 0.7296 | 1.2052 | 4.4573 |
| **0.4** | 0.1675 | 0.6543 | 1.5146 | 4.3807 |
| **0.3** | 0.1821 | 0.5859 | 1.7912 | 4.3251 |
| **0.2** | 0.1915 | 0.5379 | 1.9814 | 4.2872 |
| **Six Variables with Missing, each with 20% Missing** | **1.0** | 0.0000 | 1.0000 | 0.0001 | 4.3439 |
| **0.9** | 0.0390 | 0.9800 | 0.0820 | 4.0877 |
| **0.8** | 0.0685 | 0.9357 | 0.2535 | 3.9430 |
| **0.7** | 0.0925 | 0.8802 | 0.4616 | 3.8534 |
| **0.6** | 0.1126 | 0.8194 | 0.6853 | 3.7935 |
| **0.5** | 0.1298 | 0.7575 | 0.9097 | 3.7514 |
| **0.4** | 0.1445 | 0.6974 | 1.1279 | 3.7269 |
| **0.3** | 0.1560 | 0.6457 | 1.3137 | 3.7082 |
| **0.2** | 0.1640 | 0.6075 | 1.4516 | 3.6986 |
| **Six Variables with Missing, each with 50% Missing** | **1.0** | 0.0002 | 1.0000 | 0.0001 | 3.3154 |
| **0.9** | 0.0295 | 0.9852 | 0.0469 | 3.1677 |
| **0.8** | 0.0518 | 0.9530 | 0.1449 | 3.0862 |
| **0.7** | 0.0699 | 0.9131 | 0.2640 | 3.0366 |
| **0.6** | 0.0848 | 0.8708 | 0.3880 | 3.0033 |
| **0.5** | 0.0969 | 0.8297 | 0.5071 | 2.9782 |
| **0.4** | 0.1068 | 0.7927 | 0.6155 | 2.9696 |
| **0.3** | 0.1142 | 0.7621 | 0.7046 | 2.9615 |
| **0.2** | 0.1196 | 0.7391 | 0.7720 | 2.9582 |
| *Note:* NofP=Number of missing patterns*;* Max=Maximum number of missing patterns; MM=Missing mechanism*;* MAR=Missing at random;FC=Factor correlation; FminB=Fmin for the baseline model*.* | | | | | |