Table 1. One Factor Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | PWB | =˜ | PWB 1 | 1.02 | 0.06 | 18.38 | 0.00 | 1.02 | 0.63 | 0.63 |
| 2 | PWB | =˜ | PWB 2 | 0.75 | 0.05 | 14.50 | 0.00 | 0.75 | 0.52 | 0.52 |
| 3 | PWB | =˜ | PWB 3 | 1.20 | 0.05 | 23.46 | 0.00 | 1.20 | 0.76 | 0.76 |
| 4 | PWB | =˜ | PWB 4 | 0.84 | 0.05 | 15.65 | 0.00 | 0.84 | 0.55 | 0.55 |
| 5 | PWB | =˜ | PWB 5 | -1.26 | 0.05 | -24.24 | 0.00 | -1.26 | -0.78 | -0.78 |
| 6 | PWB | =˜ | PWB 6 | 0.68 | 0.05 | 14.69 | 0.00 | 0.68 | 0.52 | 0.52 |
| 7 | PWB | =˜ | PWB 7 | 0.21 | 0.05 | 4.18 | 0.00 | 0.21 | 0.16 | 0.16 |
| 8 | PWB | =˜ | PWB 8 | 0.28 | 0.05 | 5.22 | 0.00 | 0.28 | 0.20 | 0.20 |
| 9 | PWB | =˜ | PWB 9 | 0.63 | 0.05 | 12.05 | 0.00 | 0.63 | 0.44 | 0.44 |
| 10 | PWB 1 | ˜˜ | PWB 1 | 1.56 | 0.09 | 17.37 | 0.00 | 1.56 | 0.60 | 0.60 |
| 11 | PWB 2 | ˜˜ | PWB 2 | 1.51 | 0.08 | 18.47 | 0.00 | 1.51 | 0.73 | 0.73 |
| 12 | PWB 3 | ˜˜ | PWB 3 | 1.06 | 0.07 | 14.58 | 0.00 | 1.06 | 0.42 | 0.42 |
| 13 | PWB 4 | ˜˜ | PWB 4 | 1.59 | 0.09 | 18.23 | 0.00 | 1.59 | 0.69 | 0.69 |
| 14 | PWB 5 | ˜˜ | PWB 5 | 1.03 | 0.07 | 13.82 | 0.00 | 1.03 | 0.39 | 0.39 |
| 15 | PWB 6 | ˜˜ | PWB 6 | 1.22 | 0.07 | 18.60 | 0.00 | 1.22 | 0.73 | 0.73 |
| 16 | PWB 7 | ˜˜ | PWB 7 | 1.60 | 0.08 | 20.06 | 0.00 | 1.60 | 0.97 | 0.97 |
| 17 | PWB 8 | ˜˜ | PWB 8 | 1.87 | 0.09 | 20.00 | 0.00 | 1.87 | 0.96 | 0.96 |
| 18 | PWB 9 | ˜˜ | PWB 9 | 1.65 | 0.09 | 19.17 | 0.00 | 1.65 | 0.81 | 0.81 |
| 19 | PWB | ˜˜ | PWB | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 20 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 21 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 22 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 23 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 24 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 25 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 26 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 27 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 28 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 29 | PWB | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

*>* (xtable(parameterEstimates(bifactor1.fit, ci = F, standardized = T, fmi =

F, remove.eq = F, + remove.ineq = F, remove.def = T))) *>* (xtable(parameterEstimates(bifactor2.fit, ci = F, standardized = T, fmi = F, remove.eq = F, + remove.ineq = F, re-

move.def = T))) *>* (xtable(parameterEstimates(bifactor.negative.fit, ci = F, standardized = T, fmi = F, remove.eq = F, + remove.ineq = F, remove.def = T)))

Table 2. Two Factor Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | Factor1 | =˜ | PWB 1 | 0.99 | 0.06 | 17.71 | 0.00 | 0.99 | 0.61 | 0.61 |
| 2 | Factor1 | =˜ | PWB 3 | 1.23 | 0.05 | 23.96 | 0.00 | 1.23 | 0.78 | 0.78 |
| 3 | Factor1 | =˜ | PWB 4 | 0.80 | 0.05 | 14.85 | 0.00 | 0.80 | 0.53 | 0.53 |
| 4 | Factor1 | =˜ | PWB 5 | -1.29 | 0.05 | -24.76 | 0.00 | -1.29 | -0.80 | -0.80 |
| 5 | Factor1 | =˜ | PWB 6 | 0.70 | 0.05 | 15.12 | 0.00 | 0.70 | 0.54 | 0.54 |
| 6 | Factor1 | =˜ | PWB 9 | 0.59 | 0.05 | 11.14 | 0.00 | 0.59 | 0.41 | 0.41 |
| 7 | Factor2 | =˜ | PWB 2 | 0.33 | 0.06 | 5.15 | 0.00 | 0.33 | 0.23 | 0.23 |
| 8 | Factor2 | =˜ | PWB 7 | 0.89 | 0.06 | 13.77 | 0.00 | 0.89 | 0.69 | 0.69 |
| 9 | Factor2 | =˜ | PWB 8 | 1.02 | 0.07 | 13.93 | 0.00 | 1.02 | 0.73 | 0.73 |
| 10 | PWB 1 | ˜˜ | PWB 1 | 1.62 | 0.09 | 17.65 | 0.00 | 1.62 | 0.63 | 0.63 |
| 11 | PWB 3 | ˜˜ | PWB 3 | 0.99 | 0.07 | 13.50 | 0.00 | 0.99 | 0.40 | 0.40 |
| 12 | PWB 4 | ˜˜ | PWB 4 | 1.65 | 0.09 | 18.46 | 0.00 | 1.65 | 0.72 | 0.72 |
| 13 | PWB 5 | ˜˜ | PWB 5 | 0.95 | 0.08 | 12.62 | 0.00 | 0.95 | 0.36 | 0.36 |
| 14 | PWB 6 | ˜˜ | PWB 6 | 1.20 | 0.07 | 18.45 | 0.00 | 1.20 | 0.71 | 0.71 |
| 15 | PWB 9 | ˜˜ | PWB 9 | 1.70 | 0.09 | 19.34 | 0.00 | 1.70 | 0.83 | 0.83 |
| 16 | PWB 2 | ˜˜ | PWB 2 | 1.97 | 0.10 | 19.53 | 0.00 | 1.97 | 0.95 | 0.95 |
| 17 | PWB 7 | ˜˜ | PWB 7 | 0.85 | 0.10 | 8.45 | 0.00 | 0.85 | 0.52 | 0.52 |
| 18 | PWB 8 | ˜˜ | PWB 8 | 0.90 | 0.13 | 6.91 | 0.00 | 0.90 | 0.46 | 0.46 |
| 19 | Factor1 | ˜˜ | Factor1 | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 20 | Factor2 | ˜˜ | Factor2 | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 21 | Factor1 | ˜˜ | Factor2 | 0.27 | 0.05 | 5.75 | 0.00 | 0.27 | 0.27 | 0.27 |
| 22 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 23 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 24 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 25 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 26 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 27 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 28 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 29 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 30 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 31 | Factor1 | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 32 | Factor2 | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

Table 3. Second Order Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | Negative | =˜ | PWB 1 | 0.89 | 65.72 | 0.01 | 0.99 | 1.02 | 0.63 | 0.63 |
| 2 | Negative | =˜ | PWB 2 | 0.69 | 50.67 | 0.01 | 0.99 | 0.78 | 0.54 | 0.54 |
| 3 | Negative | =˜ | PWB 3 | 1.05 | 77.32 | 0.01 | 0.99 | 1.20 | 0.76 | 0.76 |
| 4 | Negative | =˜ | PWB 4 | 0.74 | 54.90 | 0.01 | 0.99 | 0.85 | 0.56 | 0.56 |
| 5 | Negative | =˜ | PWB 5 | -1.08 | 80.04 | -0.01 | 0.99 | -1.24 | -0.77 | -0.77 |
| 6 | Negative | =˜ | PWB 9 | 0.58 | 42.70 | 0.01 | 0.99 | 0.66 | 0.46 | 0.46 |
| 7 | Positive | =˜ | PWB 6 | 0.44 | 64.49 | 0.01 | 0.99 | 0.56 | 0.43 | 0.43 |
| 8 | Positive | =˜ | PWB 7 | 0.70 | 101.90 | 0.01 | 0.99 | 0.88 | 0.69 | 0.69 |
| 9 | Positive | =˜ | PWB 8 | 0.79 | 114.67 | 0.01 | 0.99 | 1.00 | 0.71 | 0.71 |
| 10 | Purpose | =˜ | Negative | 0.55 | 174.07 | 0.00 | 1.00 | 0.49 | 0.49 | 0.49 |
| 11 | Purpose | =˜ | Positive | 0.78 | 301.15 | 0.00 | 1.00 | 0.62 | 0.62 | 0.62 |
| 12 | PWB 1 | ˜˜ | PWB 1 | 1.56 | 0.09 | 17.14 | 0.00 | 1.56 | 0.60 | 0.60 |
| 13 | PWB 2 | ˜˜ | PWB 2 | 1.46 | 0.08 | 17.99 | 0.00 | 1.46 | 0.70 | 0.70 |
| 14 | PWB 3 | ˜˜ | PWB 3 | 1.07 | 0.08 | 14.11 | 0.00 | 1.07 | 0.43 | 0.43 |
| 15 | PWB 4 | ˜˜ | PWB 4 | 1.58 | 0.09 | 18.00 | 0.00 | 1.58 | 0.69 | 0.69 |
| 16 | PWB 5 | ˜˜ | PWB 5 | 1.07 | 0.08 | 13.68 | 0.00 | 1.07 | 0.41 | 0.41 |
| 17 | PWB 9 | ˜˜ | PWB 9 | 1.60 | 0.08 | 18.91 | 0.00 | 1.60 | 0.79 | 0.79 |
| 18 | PWB 6 | ˜˜ | PWB 6 | 1.37 | 0.08 | 17.32 | 0.00 | 1.37 | 0.81 | 0.81 |
| 19 | PWB 7 | ˜˜ | PWB 7 | 0.86 | 0.08 | 11.03 | 0.00 | 0.86 | 0.52 | 0.52 |
| 20 | PWB 8 | ˜˜ | PWB 8 | 0.95 | 0.10 | 9.84 | 0.00 | 0.95 | 0.49 | 0.49 |
| 21 | Negative | ˜˜ | Negative | 1.00 | 0.00 |  |  | 0.76 | 0.76 | 0.76 |
| 22 | Positive | ˜˜ | Positive | 1.00 | 0.00 |  |  | 0.62 | 0.62 | 0.62 |
| 23 | Purpose | ˜˜ | Purpose | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 24 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 25 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 26 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 27 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 28 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 29 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 30 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 31 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 32 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 33 | Negative | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 34 | Positive | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 35 | Purpose | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

Table 4. Bifactor 1 Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | PWB | =˜ | PWB 1 | 0.92 | 0.07 | 12.86 | 0.00 | 0.92 | 0.57 | 0.57 |
| 2 | PWB | =˜ | PWB 2 | 0.38 | 0.10 | 4.01 | 0.00 | 0.38 | 0.26 | 0.26 |
| 3 | PWB | =˜ | PWB 3 | 1.22 | 0.06 | 20.61 | 0.00 | 1.22 | 0.77 | 0.77 |
| 4 | PWB | =˜ | PWB 4 | 0.69 | 0.07 | 9.20 | 0.00 | 0.69 | 0.45 | 0.45 |
| 5 | PWB | =˜ | PWB 5 | -1.27 | 0.06 | -21.48 | 0.00 | -1.27 | -0.78 | -0.78 |
| 6 | PWB | =˜ | PWB 6 | 0.71 | 0.05 | 14.34 | 0.00 | 0.71 | 0.55 | 0.55 |
| 7 | PWB | =˜ | PWB 7 | 0.08 | 0.05 | 1.57 | 0.12 | 0.08 | 0.06 | 0.06 |
| 8 | PWB | =˜ | PWB 8 | 0.18 | 0.06 | 3.20 | 0.00 | 0.18 | 0.13 | 0.13 |
| 9 | PWB | =˜ | PWB 9 | 0.47 | 0.08 | 5.88 | 0.00 | 0.47 | 0.33 | 0.33 |
| 10 | Negative | =˜ | PWB 1 | 0.51 | 0.11 | 4.66 | 0.00 | 0.51 | 0.31 | 0.31 |
| 11 | Negative | =˜ | PWB 2 | 1.30 | 0.21 | 6.33 | 0.00 | 1.30 | 0.90 | 0.90 |
| 12 | Negative | =˜ | PWB 3 | 0.24 | 0.11 | 2.18 | 0.03 | 0.24 | 0.15 | 0.15 |
| 13 | Negative | =˜ | PWB 4 | 0.43 | 0.11 | 3.92 | 0.00 | 0.43 | 0.28 | 0.28 |
| 14 | Negative | =˜ | PWB 5 | -0.27 | 0.11 | -2.44 | 0.01 | -0.27 | -0.17 | -0.17 |
| 15 | Negative | =˜ | PWB 9 | 0.48 | 0.12 | 3.85 | 0.00 | 0.48 | 0.33 | 0.33 |
| 16 | Positive | =˜ | PWB 6 | 0.39 | 0.05 | 8.04 | 0.00 | 0.39 | 0.30 | 0.30 |
| 17 | Positive | =˜ | PWB 7 | 1.00 | 0.08 | 12.58 | 0.00 | 1.00 | 0.78 | 0.78 |
| 18 | Positive | =˜ | PWB 8 | 0.92 | 0.08 | 11.89 | 0.00 | 0.92 | 0.66 | 0.66 |
| 19 | PWB | ˜˜ | Negative | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 20 | PWB | ˜˜ | Positive | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 21 | Negative | ˜˜ | Positive | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 22 | PWB 1 | ˜˜ | PWB 1 | 1.50 | 0.09 | 17.18 | 0.00 | 1.50 | 0.58 | 0.58 |
| 23 | PWB 2 | ˜˜ | PWB 2 | 0.24 | 0.54 | 0.44 | 0.66 | 0.24 | 0.12 | 0.12 |
| 24 | PWB 3 | ˜˜ | PWB 3 | 0.97 | 0.08 | 12.27 | 0.00 | 0.97 | 0.39 | 0.39 |
| 25 | PWB 4 | ˜˜ | PWB 4 | 1.64 | 0.09 | 18.46 | 0.00 | 1.64 | 0.71 | 0.71 |
| 26 | PWB 5 | ˜˜ | PWB 5 | 0.94 | 0.08 | 11.69 | 0.00 | 0.94 | 0.36 | 0.36 |
| 27 | PWB 6 | ˜˜ | PWB 6 | 1.03 | 0.07 | 15.61 | 0.00 | 1.03 | 0.61 | 0.61 |
| 28 | PWB 7 | ˜˜ | PWB 7 | 0.64 | 0.14 | 4.49 | 0.00 | 0.64 | 0.39 | 0.39 |
| 29 | PWB 8 | ˜˜ | PWB 8 | 1.07 | 0.13 | 8.44 | 0.00 | 1.07 | 0.55 | 0.55 |
| 30 | PWB 9 | ˜˜ | PWB 9 | 1.59 | 0.10 | 16.15 | 0.00 | 1.59 | 0.78 | 0.78 |
| 31 | PWB | ˜˜ | PWB | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 32 | Negative | ˜˜ | Negative | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 33 | Positive | ˜˜ | Positive | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 34 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 35 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 36 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 37 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 38 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 39 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 40 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 41 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 42 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 43 | PWB | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 44 | Negative | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 45 | Positive | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

Table 5. Bifactor Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | PWB | =˜ | PWB 1 | 0.93 | 0.07 | 13.92 | 0.00 | 0.93 | 0.58 | 0.58 |
| 2 | PWB | =˜ | PWB 2 | 0.87 | 0.06 | 14.36 | 0.00 | 0.87 | 0.60 | 0.60 |
| 3 | PWB | =˜ | PWB 3 | 1.02 | 0.07 | 15.14 | 0.00 | 1.02 | 0.64 | 0.64 |
| 4 | PWB | =˜ | PWB 4 | 0.92 | 0.06 | 15.35 | 0.00 | 0.92 | 0.60 | 0.60 |
| 5 | PWB | =˜ | PWB 5 | -1.02 | 0.07 | -14.88 | 0.00 | -1.02 | -0.63 | -0.63 |
| 6 | PWB | =˜ | PWB 6 | 0.39 | 0.06 | 6.52 | 0.00 | 0.39 | 0.30 | 0.30 |
| 7 | PWB | =˜ | PWB 7 | 0.10 | 0.06 | 1.68 | 0.09 | 0.10 | 0.08 | 0.08 |
| 8 | PWB | =˜ | PWB 8 | 0.18 | 0.06 | 2.99 | 0.00 | 0.18 | 0.13 | 0.13 |
| 9 | PWB | =˜ | PWB 9 | 0.71 | 0.06 | 12.05 | 0.00 | 0.71 | 0.50 | 0.50 |
| 10 | F1 | =˜ | PWB 1 | 0.47 | 0.08 | 5.78 | 0.00 | 0.47 | 0.29 | 0.29 |
| 11 | F1 | =˜ | PWB 3 | 0.67 | 0.08 | 8.34 | 0.00 | 0.67 | 0.42 | 0.42 |
| 12 | F1 | =˜ | PWB 5 | -0.81 | 0.09 | -9.45 | 0.00 | -0.81 | -0.50 | -0.50 |
| 13 | F1 | =˜ | PWB 6 | 0.67 | 0.08 | 8.39 | 0.00 | 0.67 | 0.52 | 0.52 |
| 14 | F2 | =˜ | PWB 4 | 0.43 | 0.06 | 7.21 | 0.00 | 0.43 | 0.29 | 0.29 |
| 15 | F2 | =˜ | PWB 7 | 1.09 | 0.09 | 11.91 | 0.00 | 1.09 | 0.85 | 0.85 |
| 16 | F2 | =˜ | PWB 8 | 0.84 | 0.08 | 10.62 | 0.00 | 0.84 | 0.60 | 0.60 |
| 17 | F3 | =˜ | PWB 2 | 0.31 |  |  |  | 0.31 | 0.22 | 0.22 |
| 18 | F3 | =˜ | PWB 9 | 0.54 |  |  |  | 0.54 | 0.38 | 0.38 |
| 19 | PWB | ˜˜ | F1 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 20 | PWB | ˜˜ | F2 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 21 | PWB | ˜˜ | F3 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 22 | F1 | ˜˜ | F2 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 23 | F1 | ˜˜ | F3 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 24 | F2 | ˜˜ | F3 | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 25 | PWB 1 | ˜˜ | PWB 1 | 1.51 | 0.09 | 17.15 | 0.00 | 1.51 | 0.58 | 0.58 |
| 26 | PWB 2 | ˜˜ | PWB 2 | 1.22 |  |  |  | 1.22 | 0.59 | 0.59 |
| 27 | PWB 3 | ˜˜ | PWB 3 | 1.03 | 0.07 | 14.13 | 0.00 | 1.03 | 0.41 | 0.41 |
| 28 | PWB 4 | ˜˜ | PWB 4 | 1.27 | 0.09 | 14.37 | 0.00 | 1.27 | 0.55 | 0.55 |
| 29 | PWB 5 | ˜˜ | PWB 5 | 0.93 | 0.08 | 10.97 | 0.00 | 0.93 | 0.36 | 0.36 |
| 30 | PWB 6 | ˜˜ | PWB 6 | 1.08 | 0.09 | 11.98 | 0.00 | 1.08 | 0.64 | 0.64 |
| 31 | PWB 7 | ˜˜ | PWB 7 | 0.45 | 0.18 | 2.44 | 0.01 | 0.45 | 0.27 | 0.27 |
| 32 | PWB 8 | ˜˜ | PWB 8 | 1.21 | 0.12 | 10.02 | 0.00 | 1.21 | 0.62 | 0.62 |
| 33 | PWB 9 | ˜˜ | PWB 9 | 1.24 |  |  |  | 1.24 | 0.61 | 0.61 |
| 34 | PWB | ˜˜ | PWB | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 35 | F1 | ˜˜ | F1 | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 36 | F2 | ˜˜ | F2 | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 37 | F3 | ˜˜ | F3 | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 38 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 39 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 40 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 41 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 42 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 43 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 44 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 45 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 46 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 47 | PWB | ˜1 |  | 0.00 | 50.00 |  |  | 0.00 | 0.00 | 0.00 |
| 48 | F1 | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 49 | F2 | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 50 | F3 | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

Table 6. Bifactor (Negative) Model CFA PWB

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | lhs | op | rhs | est | se | z | pvalue | std.lv | std.all | std.nox |
| 1 | Negative | =˜ | PWB 1 | 1.43 | 78.75 | 0.02 | 0.99 | 1.43 | 0.89 | 0.89 |
| 2 | Negative | =˜ | PWB 2 | 0.97 | 53.66 | 0.02 | 0.99 | 0.97 | 0.67 | 0.67 |
| 3 | Negative | =˜ | PWB 3 | 1.54 | 85.12 | 0.02 | 0.99 | 1.54 | 0.97 | 0.97 |
| 4 | Negative | =˜ | PWB 4 | 0.94 | 51.67 | 0.02 | 0.99 | 0.94 | 0.62 | 0.62 |
| 5 | Negative | =˜ | PWB 5 | -1.57 | 86.80 | -0.02 | 0.99 | -1.57 | -0.97 | -0.97 |
| 6 | Negative | =˜ | PWB 9 | 0.83 | 45.71 | 0.02 | 0.99 | 0.83 | 0.58 | 0.58 |
| 7 | PWB | =˜ | PWB 1 | 0.93 | 121.08 | 0.01 | 0.99 | 0.93 | 0.58 | 0.58 |
| 8 | PWB | =˜ | PWB 2 | 0.92 | 82.50 | 0.01 | 0.99 | 0.92 | 0.64 | 0.64 |
| 9 | PWB | =˜ | PWB 3 | 1.25 | 130.88 | 0.01 | 0.99 | 1.25 | 0.79 | 0.79 |
| 10 | PWB | =˜ | PWB 4 | 1.22 | 79.44 | 0.02 | 0.99 | 1.22 | 0.81 | 0.81 |
| 11 | PWB | =˜ | PWB 5 | -1.33 | 133.47 | -0.01 | 0.99 | -1.33 | -0.83 | -0.83 |
| 12 | PWB | =˜ | PWB 6 | 0.48 | 0.05 | 8.78 | 0.00 | 0.48 | 0.37 | 0.37 |
| 13 | PWB | =˜ | PWB 7 | 0.97 | 0.06 | 17.22 | 0.00 | 0.97 | 0.76 | 0.76 |
| 14 | PWB | =˜ | PWB 8 | 0.95 | 0.06 | 16.45 | 0.00 | 0.95 | 0.68 | 0.68 |
| 15 | PWB | =˜ | PWB 9 | 0.73 | 70.28 | 0.01 | 0.99 | 0.73 | 0.51 | 0.51 |
| 16 | PWB 1 | ˜˜ | PWB 1 | 1.42 | 0.09 | 15.57 | 0.00 | 1.42 | 0.55 | 0.55 |
| 17 | PWB 2 | ˜˜ | PWB 2 | 1.45 | 0.08 | 18.06 | 0.00 | 1.45 | 0.70 | 0.70 |
| 18 | PWB 3 | ˜˜ | PWB 3 | 1.07 | 0.08 | 13.86 | 0.00 | 1.07 | 0.43 | 0.43 |
| 19 | PWB 4 | ˜˜ | PWB 4 | 1.42 | 0.08 | 17.41 | 0.00 | 1.42 | 0.62 | 0.62 |
| 20 | PWB 5 | ˜˜ | PWB 5 | 1.08 | 0.08 | 13.84 | 0.00 | 1.08 | 0.42 | 0.42 |
| 21 | PWB 9 | ˜˜ | PWB 9 | 1.61 | 0.08 | 18.97 | 0.00 | 1.61 | 0.79 | 0.79 |
| 22 | PWB 6 | ˜˜ | PWB 6 | 1.46 | 0.08 | 18.51 | 0.00 | 1.46 | 0.86 | 0.86 |
| 23 | PWB 7 | ˜˜ | PWB 7 | 0.71 | 0.09 | 8.01 | 0.00 | 0.71 | 0.43 | 0.43 |
| 24 | PWB 8 | ˜˜ | PWB 8 | 1.04 | 0.09 | 11.46 | 0.00 | 1.04 | 0.53 | 0.53 |
| 25 | Negative | ˜˜ | Negative | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 26 | PWB | ˜˜ | PWB | 1.00 | 0.00 |  |  | 1.00 | 1.00 | 1.00 |
| 27 | Negative | ˜˜ | PWB | -0.65 | 48.95 | -0.01 | 0.99 | -0.65 | -0.65 | -0.65 |
| 28 | PWB 1 | ˜1 |  | 3.90 | 0.06 | 69.04 | 0.00 | 3.90 | 2.42 | 2.42 |
| 29 | PWB 2 | ˜1 |  | 3.87 | 0.05 | 76.68 | 0.00 | 3.87 | 2.68 | 2.68 |
| 30 | PWB 3 | ˜1 |  | 4.15 | 0.06 | 74.92 | 0.00 | 4.15 | 2.62 | 2.62 |
| 31 | PWB 4 | ˜1 |  | 4.02 | 0.05 | 75.79 | 0.00 | 4.02 | 2.65 | 2.65 |
| 32 | PWB 5 | ˜1 |  | 2.88 | 0.06 | 50.88 | 0.00 | 2.88 | 1.78 | 1.78 |
| 33 | PWB 9 | ˜1 |  | 4.80 | 0.05 | 95.93 | 0.00 | 4.80 | 3.36 | 3.36 |
| 34 | PWB 6 | ˜1 |  | 4.50 | 0.05 | 98.96 | 0.00 | 4.50 | 3.46 | 3.46 |
| 35 | PWB 7 | ˜1 |  | 4.55 | 0.04 | 101.16 | 0.00 | 4.55 | 3.54 | 3.54 |
| 36 | PWB 8 | ˜1 |  | 4.36 | 0.05 | 89.36 | 0.00 | 4.36 | 3.13 | 3.13 |
| 37 | Negative | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |
| 38 | PWB | ˜1 |  | 0.00 | 0.00 |  |  | 0.00 | 0.00 | 0.00 |

6