**Appendix Table 1.**

***Within-School and Between-School Correlation Matrices for two survey administrations***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | | | | | | | | |
|  |  | **2013 Administration** | | | | | | | | **2014 Administration** | | | | | | | |
|  |  | **Peer Culture** | | | | **Student Growth** | | | | **Peer Culture** | | | | **Student Growth** | | | |
|  |  | **P1** | **P2** | **P3** | **P4** | **G1** | **G2** | **G3** | **G4** | **P1** | **P2** | **P3** | **P4** | **G1** | **G2** | **G3** | **G4** |
| **2013** | **P1** |  | 0.87 | 0.82 | 0.93 | 0.64 | 0.74 | 0.57 | 0.80 | 0.87 | 0.70 | 0.70 | 0.79 | 0.55 | 0.66 | 0.44 | 0.67 |
| **P2** | 0.57 |  | 0.80 | 0.90 | 0.65 | 0.75 | 0.63 | 0.71 | 0.81 | 0.86 | 0.75 | 0.82 | 0.61 | 0.73 | 0.52 | 0.63 |
| **P3** | 0.53 | 0.48 |  | 0.91 | 0.67 | 0.74 | 0.63 | 0.82 | 0.75 | 0.74 | 0.90 | 0.83 | 0.64 | 0.72 | 0.58 | 0.75 |
| **P4** | 0.67 | 0.57 | 0.59 |  | 0.69 | 0.75 | 0.65 | 0.84 | 0.83 | 0.78 | 0.80 | 0.88 | 0.62 | 0.71 | 0.53 | 0.73 |
| **G1** | 0.41 | 0.49 | 0.38 | 0.43 |  | 0.85 | 0.87 | 0.85 | 0.52 | 0.52 | 0.55 | 0.59 | 0.78 | 0.68 | 0.65 | 0.70 |
| **G2** | 0.44 | 0.48 | 0.42 | 0.47 | 0.63 |  | 0.71 | 0.79 | 0.62 | 0.60 | 0.62 | 0.64 | 0.65 | 0.79 | 0.51 | 0.66 |
| **G3** | 0.38 | 0.41 | 0.40 | 0.42 | 0.56 | 0.57 |  | 0.70 | 0.50 | 0.52 | 0.56 | 0.59 | 0.77 | 0.64 | 0.78 | 0.59 |
| **G4** | 0.46 | 0.42 | 0.44 | 0.48 | 0.52 | 0.53 | 0.47 |  | 0.70 | 0.61 | 0.72 | 0.73 | 0.73 | 0.71 | 0.59 | 0.88 |
| **2014** | **P1** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |  | 0.88 | 0.86 | 0.94 | 0.66 | 0.79 | 0.59 | 0.80 |
| **P2** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 |  | 0.87 | 0.93 | 0.72 | 0.84 | 0.67 | 0.75 |
| **P3** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.51 | 0.46 |  | 0.93 | 0.74 | 0.85 | 0.71 | 0.86 |
| **P4** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.67 | 0.56 | 0.58 |  | 0.73 | 0.84 | 0.69 | 0.85 |
| **G1** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.45 | 0.34 | 0.41 |  | 0.88 | 0.93 | 0.86 |
| **G2** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.48 | 0.41 | 0.46 | 0.61 |  | 0.80 | 0.85 |
| **G3** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.42 | 0.41 | 0.44 | 0.57 | 0.56 |  | 0.76 |
| **G4** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 | 0.43 | 0.46 | 0.48 | 0.47 | 0.50 | 0.46 |  |

Note: within-school correlations are presented below the diagonal. Between-school correlations are presented above the diagonal

**Appendix Table 2.**

***Longitudinal Invariance Tests: 2012-2013 and 2013-2014 Administrations of the Instructional Culture Insight Survey (with District Fixed Effects)***

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** |  | ***df*** | ***p*** | ***RMSEA*** | ***CFI*** | ***SRMR*** |  |  |  |
| Independence | 4413.87 | 200 | <.001 | 0.209 | 0.000 | 0.676 | -- | -- |  |
| Configural | 393.11 | 156 | <.001 | 0.056 | 0.944 | 0.067 | -- | -- |  |
| Metric | 401.43 | 162 | <.001 | 0.055 | 0.943 | 0.067 | -0.001 | -0.001 | 0.000 |
| Scalar | 401.57 | 168 | <.001 | 0.054 | 0.945 | 0.067 | 0.001 | -0.002 | 0.000 |
| Strict | 410.02 | 176 | <.001 | 0.052 | 0.944 | 0.066 | 0.000 | -0.001 | -0.001 |