**Supplemental Material 3A. Standardized and Unstandardized coefficient**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Unstandardized coefficient** | **[95% Conf. Interval]** | | **Standardized coefficient** | **[95% Conf. Interval]** | |
| **Q20R7** |  |  |  |  |  |  |
| F1 | 1 |  |  | 0.76 | 0.71 | 0.81 |
| Constant | 3.23 | 3.11 | 3.35 | 2.60 | 2.40 | 2.80 |
| **Q20R8** |  |  |  |  |  |  |
| F1 | 0.79 | 0.66 | 0.92 | 0.61 | 0.55 | 0.68 |
| Constant | 3.11 | 2.99 | 3.23 | 2.56 | 2.36 | 2.76 |
| **Q20R10** |  |  |  |  |  |  |
| F1 | 0.79 | 0.66 | 0.91 | 0.63 | 0.56 | 0.69 |
| Constant | 2.81 | 2.70 | 2.93 | 2.38 | 2.19 | 2.57 |
| **Q20R9** |  |  |  |  |  |  |
| F1 | 1.06 | 0.93 | 1.18 | 0.81 | 0.77 | 0.85 |
| Constant | 3.44 | 3.32 | 3.55 | 2.79 | 2.58 | 3.01 |
| **Q20R13** |  |  |  |  |  |  |
| F1 | 1.09 | 0.95 | 1.22 | 0.79 | 0.74 | 0.83 |
| Constant | 3.32 | 3.19 | 3.44 | 2.54 | 2.34 | 2.74 |
| **Q20R6** |  |  |  |  |  |  |
| F1 | 0.55 | 0.42 | 0.67 | 0.45 | 0.37 | 0.54 |
| Constant | 3.63 | 3.52 | 3.74 | 3.19 | 2.95 | 3.42 |
| **Q20R12** |  |  |  |  |  |  |
| F2 | 1 |  |  | 0.86 | 0.82 | 0.90 |
| Constant | 3.51 | 3.39 | 3.63 | 2.84 | 2.63 | 3.06 |
| **Q20R11** |  |  |  |  |  |  |
| F2 | 0.94 | 0.83 | 1.04 | 0.78 | 0.73 | 0.83 |
| Constant | 3.42 | 3.30 | 3.55 | 2.67 | 2.46 | 2.87 |
| **Q20R1** |  |  |  |  |  |  |
| F2 | 0.58 | 0.48 | 0.69 | 0.56 | 0.48 | 0.64 |
| Constant | 4.15 | 4.04 | 4.25 | 3.75 | 3.48 | 4.02 |
| **Q20R3** |  |  |  |  |  |  |
| F3 | 1 |  |  | 0.56 | 0.47 | 0.65 |
| Constant | 1.87 | 1.77 | 1.97 | 1.79 | 1.63 | 1.94 |
| **Q20R5** |  |  |  |  |  |  |
| F3 | 1.24 | 0.90 | 1.57 | 0.60 | 0.51 | 0.70 |
| Constant | 2.10 | 1.98 | 2.21 | 1.74 | 1.59 | 1.90 |
| **Q20R4** |  |  |  |  |  |  |
| F3 | 1.31 | 0.96 | 1.65 | 0.62 | 0.53 | 0.71 |
| Constant | 2.53 | 2.41 | 2.65 | 2.04 | 1.87 | 2.21 |
| **Q20R2** |  |  |  |  |  |  |
| F3 | 1.27 | 1.00 | 1.54 | 0.70 | 0.61 | 0.78 |
| Constant | 1.90 | 1.79 | 2.00 | 1.76 | 1.61 | 1.92 |

**Supplemental Material 3B. Standardized and unstandardized coefficients of epsilon values**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Unstandardized coefficient** | **[95% Conf. Interval]** | | **Standardized coefficient** | **[95% Conf. Interval]** | |
| **e.Q20R7** | 0.65 | 0.55 | 0.77 | 0.42 | 0.35 | 0.50 |
| **e.Q20R8** | 0.92 | 0.79 | 1.07 | 0.62 | 0.55 | 0.71 |
| **e.Q20R10** | 0.85 | 0.73 | 0.98 | 0.61 | 0.53 | 0.69 |
| **e.Q20R9** | 0.52 | 0.43 | 0.63 | 0.34 | 0.28 | 0.42 |
| **e.Q20R13** | 0.65 | 0.55 | 0.78 | 0.38 | 0.32 | 0.46 |
| **e.Q20R6** | 1.03 | 0.89 | 1.18 | 0.79 | 0.72 | 0.87 |
| **e.Q20R12** | 0.39 | 0.30 | 0.51 | 0.26 | 0.19 | 0.34 |
| **e.Q20R11** | 0.65 | 0.54 | 0.78 | 0.40 | 0.33 | 0.48 |
| **e.Q20R1** | 0.84 | 0.72 | 0.97 | 0.69 | 0.61 | 0.78 |
| **e.Q20R3** | 0.75 | 0.63 | 0.89 | 0.69 | 0.59 | 0.80 |
| **e.Q20R5** | 0.92 | 0.76 | 1.11 | 0.63 | 0.53 | 0.76 |
| **e.Q20R4** | 0.94 | 0.78 | 1.13 | 0.61 | 0.52 | 0.73 |
| **e.Q20R2** | 0.60 | 0.47 | 0.75 | 0.52 | 0.41 | 0.65 |
| **F1** | 0.89 | 0.71 | 1.12 | 1 | . | . |
| **F2** | 1.13 | 0.94 | 1.38 | 1 | . | . |
| **F3** | 0.35 | 0.23 | 0.51 | 1 | . | . |

**Supplemental Material 3C. Covariance and correlation between factors**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Covariance** | **[95% Conf. Interval]** | | **Correlation** | **[95% Conf. Interval]** | |
| **F1** |  |  |  |  |  |  |
| **F2** | 0.84 | 0.68 | 0.99 | 0.83 | 0.78 | 0.89 |
| **F3** | -0.17 | -0.25 | -0.09 | -0.31 | -0.42 | -0.19 |
| **F2** |  |  |  |  |  |  |
| **F3** | -0.24 | -0.33 | -0.15 | -0.38 | -0.49 | -0.27 |