

Note: This is Online Appendix 1 of Görgens-Ekermans, G., Ghezzi, V., Probst, T.M., Barbaranelli, C., Petitta, L., Jiang, L., & Hu, S. (2024). Measurement invariance of cognitive and affective job insecurity: A cross-national study. *African Journal of Psychological Assessment*, 6(0), a147.  
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*Table S1*

Employee distribution (valid percentages) across industry sectors.

|   | <i>Subsamples</i>          |                            |                        |
|---|----------------------------|----------------------------|------------------------|
|   | <b>Chinese<br/>(N=629)</b> | <b>Italian<br/>(N=482)</b> | <b>USA<br/>(N=486)</b> |
| 1 Accommodation and Food Services                   | 2.3                        | 11.6                       | 5.3                    |
| 2 Administration and Support Services               | 1.2                        | –                          | 2.1                    |
| 3 Agriculture, Forestry, Fishing, and Hunting       | 1.5                        | 1.6                        | 1.6                    |
| 4 Art, Entertainment, and Recreation                | 1.3                        | –                          | 3.5                    |
| 5 Construction                                      | 6.2                        | 2.3                        | 9.1                    |
| 6 Educational Services                              | 4.1                        | 8.4                        | 4.9                    |
| 7 Finance and Insurance                             | 4.7                        | –                          | 2.9                    |
| 8 Government  | 1.2                        | 5.5                        | 3.9                    |
| 9 Health Care and Social Assistance                 | 3.5                        | 12.3                       | 13.4                   |
| 10 Information                                      | 8                          | 5.2                        | 3.9                    |
| 11 Management of Companies and Enterprises          | 6.4                        | –                          | 2.3                    |
| 12 Manufacturing                                    | 31.8                       | 2.6                        | 8.8                    |
| 13 Mining, Quarrying, and Oil and Gas Extraction    | 2.2                        | –                          | .8                     |
| 14 Other Services                                   | 1                          | –                          | 3.9                    |
| 15 Professional, Scientific, and Technical Services | 4.9                        | 3.2                        | 1.1                    |
| 16 Real Estate, Rental, and Leasing                 | 1.7                        | 3.2                        | .6                     |
| 17 Retail Trade                                     | 5.9                        | 13.5                       | 12.1                   |
| 18. Self-Employed                                   | –                          | –                          | 1.6                    |
| 19 Transportation and Warehousing                   | 3.7                        | –                          | 6.6                    |
| 20 Utilities  | 1.2                        | –                          | .8                     |
| 21 Other  | 7.3                        | 24.5                       | 1.6                    |

*Note.*  $\chi^2_{(40)} = 556.23$ ,  $p. <001$ , Cramer V = 420.

Table S2

Proportion of Responses in Each Answer Category of the JSI and the JSS Items.

|   | Chinese Sample (N=629) |                   |           | Italian Sample (N=482) |                   |           | RSA Sample (N=345) |                   |           | USA Sample (N=486) |                   |           |
|---|------------------------|-------------------|-----------|------------------------|-------------------|-----------|--------------------|-------------------|-----------|--------------------|-------------------|-----------|
|   | <i>yes</i>             | <i>don't know</i> | <i>no</i> | <i>yes</i>             | <i>don't know</i> | <i>no</i> | <i>yes</i>         | <i>don't know</i> | <i>no</i> | <i>yes</i>         | <i>don't know</i> | <i>no</i> |
| JSI <sub>1</sub> - Sure                                     | 82.4                   | 14.5              | 3.2       | 48.1                   | 17                | 34.9      | 53.3               | 18                | 28.7      | 66.7               | 22.6              | 10.7      |
| JSI <sub>2</sub> - Unpredictable                            | 17.2                   | 23.2              | 59.6      | 35.3                   | 10.6              | 54.1      | 35.1               | 13.6              | 51.3      | 25.7               | 16.3              | 58        |
| JSI <sub>3</sub> - Up in the air                            | 10.5                   | 23.1              | 66.5      | 33.8                   | 9.1               | 57.1      | 22                 | 16.8              | 61.2      | 20.6               | 14.6              | 64.8      |
| JSI <sub>4</sub> - Stable                                   | 79                     | 15.1              | 5.9       | 43.6                   | 20.5              | 35.9      | 58.6               | 15.1              | 26.4      | 70.4               | 17.5              | 12.1      |
| JSI <sub>5</sub> - Questionable                             | 15.7                   | 25.3              | 59        | 41.7                   | 13.5              | 44.8      | 26.4               | 16.2              | 57.4      | 21.4               | 16.3              | 62.3      |
| JSI <sub>6</sub> - Unknown                                  | 17                     | 25.9              | 57.1      | 46.1                   | 8.3               | 45.6      | 29.3               | 12.8              | 58        | 21.6               | 17.9              | 60.5      |
| JSI <sub>7</sub> - My job is almost guaranteed              | 82                     | 11.6              | 6.4       | 73.9                   | 8.1               | 18        | 45.8               | 18.8              | 35.4      | 60.1               | 22.6              | 17.3      |
| JSI <sub>8</sub> - Can depend on being here                 | 74.1                   | 20.5              | 5.4       | 59.1                   | 8.1               | 32.8      | 49.6               | 20.9              | 29.6      | 66.5               | 19.5              | 14        |
| JSI <sub>9</sub> - Certain                                  | 62.3                   | 26.9              | 10.8      | 64.3                   | 11.2              | 24.5      | 49.9               | 19.7              | 30.4      | 61.3               | 21.8              | 16.9      |
| JSS <sub>1</sub> - Never been more secure                   | 76.9                   | 15.9              | 7.2       | 36.3                   | 14.7              | 49        | 39.7               | 22.3              | 38        | 54.1               | 23.3              | 22.6      |
| JSS <sub>2</sub> - Nerve-wracking                           | 12.9                   | 14.6              | 72.5      | 27.6                   | 6.4               | 66        | 27.5               | 12.8              | 59.7      | 25.7               | 9.5               | 64.8      |
| JSS <sub>3</sub> - Sufficient amount of security            | 77.3                   | 15.4              | 7.3       | 59.1                   | 11.8              | 29        | 56.8               | 15.1              | 28.1      | 70.6               | 13.6              | 15.8      |
| JSS <sub>4</sub> - Looks optimistic                         | 73.6                   | 18.8              | 7.6       | 42.9                   | 8.5               | 48.5      | 52.2               | 23.2              | 24.6      | 73                 | 16.5              | 10.5      |
| JSS <sub>5</sub> - Upsetting how little job security I have | 10.2                   | 17.2              | 72.7      | 27.6                   | 9.5               | 62.9      | 25.2               | 12.8              | 62        | 16.7               | 13                | 70.4      |
| JSS <sub>6</sub> - Excellent amount of security             | 57.6                   | 26.2              | 16.2      | 65.8                   | 6                 | 28.2      | 42.6               | 22.9              | 34.5      | 58.4               | 22.6              | 18.9      |
| JSS <sub>7</sub> - Stressful                                | 37                     | 21.9              | 41        | 16                     | 5.8               | 78.2      | 33.3               | 13.6              | 53        | 34.2               | 11.9              | 53.9      |
| JSS <sub>8</sub> - Positive                                 | 75.8                   | 19.9              | 4.3       | 60                     | 4.4               | 35.7      | 57.4               | 19.1              | 23.5      | 71                 | 14                | 15        |
| JSS <sub>9</sub> - Unacceptably low                         | 7.2                    | 13.4              | 79.5      | 16.6                   | 5.4               | 78        | 19.4               | 15.9              | 64.6      | 13.6               | 15                | 71.4      |

Table S3

*Pattern of Fixed, Invariant and Non-Invariant Parameters of the Most Restrictive Measurement Invariance Model (4a).*

|                  | Chinese Sample (N=629) |                 |            |            |           | Italian Sample (N=482) |                 |            |            |                | RSA Sample (N=345) |                 |            |            |           | USA Sample (N=486) |                 |            |            |           |
|------------------|------------------------|-----------------|------------|------------|-----------|------------------------|-----------------|------------|------------|----------------|--------------------|-----------------|------------|------------|-----------|--------------------|-----------------|------------|------------|-----------|
|                  | $\lambda_{(G)}$        | $\lambda_{(S)}$ | $\nu_{1j}$ | $\nu_{2j}$ | $e_{(j)}$ | $\lambda_{(G)}$        | $\lambda_{(S)}$ | $\nu_{1j}$ | $\nu_{2j}$ | $e_{(j)}$      | $\lambda_{(G)}$    | $\lambda_{(S)}$ | $\nu_{1j}$ | $\nu_{2j}$ | $e_{(j)}$ | $\lambda_{(G)}$    | $\lambda_{(S)}$ | $\nu_{1j}$ | $\nu_{2j}$ | $e_{(j)}$ |
| JSI <sub>1</sub> | 1                      | –               | eq         | eq         | eq        | 1                      | –               | eq         | *          | eq             | 1                  | –               | eq         | eq         | eq        | 1                  | –               | eq         | eq         | eq        |
| JSI <sub>2</sub> | eq                     | –               | *          | eq         | eq        | eq                     | –               | eq         | eq         | *              | eq                 | –               | eq         | *          | eq        | eq                 | –               | *          | eq         | eq        |
| JSI <sub>3</sub> | eq                     | –               | *          | eq         | *         | eq                     | –               | eq         | eq         | eq             | eq                 | –               | eq         | *          | eq        | eq                 | –               | *          | eq         | eq        |
| JSI <sub>4</sub> | eq                     | –               | eq         | eq         | eq        | eq                     | –               | eq         | eq         | eq             | eq                 | –               | eq         | eq         | eq        | eq                 | –               | eq         | eq         | eq        |
| JSI <sub>5</sub> | eq                     | –               | *          | eq         | eq        | *                      | –               | eq         | eq         | eq             | eq                 | –               | eq         | *          | eq        | eq                 | –               | *          | eq         | eq        |
| JSI <sub>6</sub> | eq                     | –               | *          | eq         | eq        | *                      | –               | eq         | eq         | eq             | *                  | –               | eq         | *          | *         | *                  | –               | eq         | eq         | eq        |
| JSI <sub>7</sub> | *                      | –               | *          | eq         | eq        | eq                     | –               | *          | *          | 0 <sup>a</sup> | eq                 | –               | eq         | eq         | eq        | eq                 | –               | eq         | eq         | eq        |
| JSI <sub>8</sub> | eq                     | –               | eq         | eq         | eq        | *                      | –               | eq         | eq         | eq             | eq                 | –               | eq         | eq         | eq        | eq                 | –               | eq         | eq         | eq        |
| JSI <sub>9</sub> | *                      | –               | eq         | eq         | eq        | eq                     | –               | *          | *          | eq             | eq                 | –               | eq         | eq         | eq        | eq                 | –               | eq         | eq         | eq        |
| JSS <sub>1</sub> | eq                     | 1               | *          | *          | eq        | eq                     | 1               | eq         | eq         | eq             | eq                 | 1               | eq         | eq         | eq        | eq                 | 1               | eq         | eq         | *         |
| JSS <sub>2</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | eq              | eq         | eq         | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>3</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | eq              | eq         | eq         | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>4</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | eq              | eq         | eq         | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>5</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | eq              | eq         | eq         | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>6</sub> | eq                     | eq              | *          | *          | eq        | *                      | eq              | eq         | eq         | eq             | eq                 | eq              | eq         | *          | eq        | eq                 | eq              | eq         | eq         | *         |
| JSS <sub>7</sub> | eq                     | eq              | *          | eq         | eq        | eq                     | eq              | *          | *          | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>8</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | *               | eq         | *          | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |
| JSS <sub>9</sub> | eq                     | eq              | eq         | eq         | eq        | eq                     | eq              | *          | eq         | eq             | eq                 | eq              | eq         | eq         | eq        | eq                 | eq              | eq         | eq         | eq        |

*Note.*  $\lambda_{(G)}$  = factor loading on G;  $\lambda_{(S)}$  = factor loading on S;  $\nu_{1j}$  and  $\nu_{2j}$  = first and second threshold of the  $j_{th}$  item;  $e_{(j)}$  = residual variance of the  $j_{th}$  item; 1 = parameter fixed to unity for scaling the latent variable; eq = invariant parameter; \* = released (non invariant) parameter; <sup>a</sup> = residual variance fixed to 0. All latent variances were freely estimated, as well as latent means (which were fixed to 0 in the Chinese sample in order to identify the latent mean structure).