**Coding book for data file (see on-line Stata file or compressed Excel file for download)**

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| **ID** | **Code** | **Explanation** |  |
| 1 | full\_article\_citation | APA reference |  |
| 2 | year | Year of publication |  |
| 3 | Journal | (1) The Leadership Quarterly(2) Journal of Operations Management(3) Personnel Psychology(4) Journal of Organizational Behavior(5) Journal of Applied Psychology(6) Journal of Management(7) Academy of Management(8) Strategic Management Journal(9) Organization Science |  |
| 4 | topic | Topic of study, broadly definedUse of keyword identified by authors |  |
| 5 | micro/macro | (1) Micro(2) Macro |  |
| 6 | type\_panel | (1) Longitudinal(2) Hiearchical(3) Both longitudinal and hierarchical |  |
| 7 | explanation\_type | Text to explain the type of panel data |  |
| 8 | n\_lower\_level | Sample size at lowest level (i.e., biggest sample size or sample size at Level-1)N/R: not reported |  |
| 9 | n\_higher\_level | Sample size at higher level (i.e., sample size at Level-2)N/R: not reported |  |
| 10 | n\_third\_level | If 3-level data, sample size at Level-3 N/A: not applicableN/R: not reported |  |
| 11 | data\_form | (1) Wide(2) Long (assumed) |  |
| 12 | dummies | (0) Dummy not included(1) Dummy for lowest level fixed effects included(2) Dummy for lowest level fixed effects not included, but dummies included at a higher level |  |
| 13 | cluster\_means | (0) Cluster means not included & not reported(1) All relevant cluster means included(2) Some but not all relevant cluster means included |  |
| 14 | type\_modeling | Text to include type of modeling reported by authors |  |
| 15 | estimator | (1) GLS random-effects(2) GLS fixed-effects (3) ML random-effects & Restricted ML (REML) random effects or quasi-ml(4) ML estimator(5) OLS/2SLS/3SLS(6) GEE(7) GMM(8) Others & Unclear(9) not reported(10) ML, within (e.g., estimated a between and a within model for the same variable). |  |
| 16 | program | (1) Stata(2) HLM(3) SPSS(4) R(5) Mplus(6) SAS(7) Others(8) AMOS(9) not reported |  |
| 17 | command | Command usedN/R: not reported |  |
| 18 | exogeneity\_level1 | (0) Level1 predictor is probably endogenous(1) Level1 predictor is manipulated, fixed, cyclical or vary randomly in nature(2) Level1 predictor is endogenous but instrumented |  |
| 19 | exogeneity\_level2 | (0) Level2 predictor is probably endogenous(1) Level2 predictor is manipulated, fixed, cyclical or vary randomly in nature(2) Level2 predictor is endogenous but instrumented(4) no Level2 predictor |  |
| 20 | centering\_l1 | (0) No centering reported(1) Grand-mean centering (or "mean-center") reported(2) Group-mean centering reported(3) Others or unclear (4) Not applicable(5) Standardizing | For at least one variable |
| 21 | centering\_l2 | (0) No centering reported(1) Grand-mean centering (or "mean-center") reported(2) Group-mean centering reported(3) Others or unclear(4) Not applicable (e.g., no L2 variable)(5) Standardizing |  |
| 22 | interest | (1) Interest in L1 effect(2) Interest in L2 effect(3) Interest in L1/L2 effects(4) Interest in cross-level interactions & L1/L2 effect |  |
| 23 | test\_random | (0) no(1) yes(2) Comparison with FE/RE estimates but no test(9) N/A |  |
| 24 | test\_random\_effects | (0) No test(1) Hausman test(2) LR test(3) F-test(4) Other (e.g., comparison with other estimation procedures but no test performed)(9) N/A |  |
| 25 | result\_RE\_assumption | (0) No test performed(1) RE assumption holds(2) RE assumption does not hold, need to use a FE(9) N/A |  |
| 26 | re\_assumption\_holds | (0) No RE estimator (dummy, fixed effects, cluster means, cluster centering, gls fe, L1 predictors exogenous)(1) RE has been demonstrated empirically to hold(2) RE assumption made and not justified(3) Unable to determine |  |
| 28 | standard\_error | (1) default option (i.e., nothing reported about the estimation of standard errors)(2) Heteroscedasticity robust SE(3) Cluster robust SE(4) Bootstrapping(5) Other |  |
| 29 | treatment\_time | (1) Not applicable(2) Ignored(3) Time dummies |  |
| 30 | causal\_claims | (1) Authors make causal claims(2) Not clear(3) Authors refrain from making causal claims (recognize correlation)(4) Authors make causal claims but somehow acknowledge the problem in the limitation |  |