

*This README file provides a list of the supplementary files contained in the zip file  
ILMY-Earthquake-JASA-Fourth-Revision-Supp Files.*

1. **ILMY-Earthquake-JASA-Fourth-Revision-Supp.pdf** is the paper's Appendix, provided as Supplementary Material.
2. **ILMY-Earthquake-JASA-Fourth-Revision-ACC.pdf** is the JASA A&CS Author Contributions Checklist (ACC) Form.
3. **mvecr\_manual.pdf** is the manual of the R package mvecr we have developed.
4. **etas\_funcs.R** is the code of the ETAS model we have used.
5. **replication\_instructions.pdf** is the replication master file containing detailed code and instructions to replicate the tables and figures in the paper.
6. **ILMY-Earthquake-Data-031221.pdf** is the online Data Documentation file, which contains a detailed description of the data.
7. The datasets used in the paper are:
  - **individual\_data.zip**
  - **city\_range.csv**
  - **JMA\_records.csv**
  - **Xpsi-1.csv**