The Institute for Quantitative Social Science
HARVARD UNIVERSITY

February 19, 2020

To Whom it May Concern:

The purpose of this letter is to express support for

Title: A Demonstration study on TCM(traditional Chinese medicine) Preventive Treatment of Disease in Patients With osteoporosis at High Risk

PI: HaO Weiwei, Shi Xiao

The Dataverse Project (dataverse.org) will support the archiving and dissemination of the data stemming from this project. We will provide the PIs with long-term storage and archival preservation for their project. By using the Dataverse, the PIs can share, keep control of, and get recognition for their data through an easy to access web browser interface. Dataverse supports the sharing of research data with a persistent data citation, file-level persistent identifiers, and data publishing and management workflows with versioning and metadata standards. For over a decade, Dataverse has been at the forefront of data publication, citation and preservation. We continue to innovate and expand to more domains, and interoperate with more systems.

The Harvard Dataverse Preservation Policy (https://dataverse.org/best-practices/harvard-dataverse-preservation-policyl) outlines the backup and preservation terms for Harvard Dataverse. The policy is meant to ensure continued access to born digital and digitized data, to ensure their authenticity, and to maintain data quality using the best digital archival practices. Harvard University supports permanent bit-level preservation of all data directly deposited in the Harvard Dataverse.

On top of Harvard University's commitment to archival and long term access of all data published in the Harvard Dataverse, the Harvard Dataverse takes data publication very seriously (see Joint Declaration of Data Citation Principles), encouraging good curation practices through support of standards-based metadata schemas, proper documentation, and automatic extraction of metadata from tabular files to enable data discovery and reuse. Tabular files deposited in the Harvard Dataverse are reformatted into simple open format text files (.tab format) to ensure long-term preservation of the data. Also, once a dataset is published, the repository guarantees archival and long term access to that dataset with a DOI persistent identifier provided by DataCite. The Dataverse is supported by the Harvard University Information Technology team (HUIT), in collaboration with Harvard Library.

We will continue to hold conversations with the PI and the team as the project progresses. The datasets will contain permanent data citations, including checksums, and DOIs, as well as, an Universal Numerical Fingerprint (UNF) (http://guides.dataverse.org/en/latest/developers/unf/unf-v3.html?highlight=unf) for each subsettable data file that is deposited in the dataverse. The data will be curated and cataloged using an extensive list of metadata based on the Data Documentation Initiative (DDI), which will allow the data to be easily described and discovered. The Dataverse will provide everything needed for archiving, sharing, citing, and preserving the data.

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With this letter we indicate our readiness to continue to provide conceptual and technical support for his research. All data files from this dataset will be deidentified according to HIPAA standards prior to being deposited in the Harvard Dataverse Repository, all data files will be restricted for access, and all users of the data will be vetted prior, for approval. We will assist the depositor in creating Terms of Access for this dataset.

Sincerely,

Sonia Barbosa

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