Publication figures

The model contains 22 base paths: nine principal, nine supplementary local and four regional comparator paths, with 54 principal sensitivity runs. Figure 2 displays a 14-path subset. See complete matrix methods and results. The three selected source zones are not an exhaustive set of possible suppliers.

Figure_1 and Figure_2 are supplied as PNG, editable SVG and PDF files. The PNGs are 600 dpi. figure_captions.json contains the figure captions. Figure 2 displays 14 paths: seven principal paths, three supplementary local paths and four regional comparator paths. The caption names the four filled-circle endpoints, identifies the illustrative Taşlı and Hamzan endpoints, and distinguishes the original model coordinates from the verified occurrence locations. The caption also identifies the two principal paths not drawn, Nemrut Dağ–Karahan and Nemrut Dağ–Göbekli, and points to Tables 2 and S2. Figure 1 locates nine independently verified local occurrences, three representative source-zone points and four regional comparators. The other 15 local cases remain in the evidence register.

In Figure 2, open circles distinguish the illustrative Taşlı and Hamzan endpoints, and a rectangle in panel A shows panel B's extent. Source colours and line styles have separate legends. The colour legend names Göllü Dağ/Kömürcü, Bingöl/Solhan and Nemrut Dağ scenarios; the line-style legend distinguishes regional comparator paths, Harbetsuvan paths and other local paths. The 14 scenarios involve six local endpoints and two regional comparators; ten appear in the enlarged panel. Taşlı and Hamzan are excluded from the nine principal source–site paths because their exact site locations remain unverified. Reported path lengths measure full costed grid steps plus endpoint connectors, as documented in Table S2; the figure retains simplified lines for display. These paths neither identify the sources used at unsourced sites nor reconstruct journeys.

Reproduction scripts and cached data are included in ../source/figure1_reproduction/ and ../source/figure2_reproduction/. Each directory has its own instructions. figure_manifest.json records the export hashes and identifies the reproduction files and their source records.

The figures were plotted from Natural Earth, OpenStreetMap/Overpass and Mapzen data using Python scripts prepared with OpenAI Codex assistance.