

Fig. S2: OxCal code for earthquake chronology modeling for the Taungthonlon trench

```
Plot("Taungthonlon")
{
  Sequence("Taungthonlon")
  {
    Boundary("base");
    Phase("U60")
    {
      R_Date("Samp 30", 145, 20);
      R_Date("Samp 38", 135, 20);
    };
    R_Date("Samp 23", 125, 20);
    Date("E3");
    R_Date("Samp 2", 240, 20);
    R_Date("Samp 22", 90, 20);
    R_Date("Samp 21", 170, 20);
    Date("E2");
    Phase("U10")
    {
      R_Date("Samp 11", 160, 20);
      R_Date("Samp 37", 115, 20);
    };
    C_Date("E1", 1930);
  };
};
```