

Supporting Information for

Seismo-turbidites in Aysén Fjord (Southern Chile) Reveal a Complex Pattern of Rupture Modes Along the 1960 Megathrust Earthquake Segment

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Contents of this file

Captions for Tables S1 to S3

Additional Supporting Information (Files uploaded separately)

Tables S1 to S3

Introduction

The supporting information includes three tables that provide additional data that was used for the interpretations presented in the manuscript.

Table S1. Grain size data used for end-member modelling in Figure 3.

Table S2. Interpretation of grain-size samples.

Table S3. Overview of all radiocarbon ages with their depth in the MD07-3117 core as well as the corrected depth used for age-depth modelling derived from correlation with the AY20 core. Lab numbers starting with 4 were analyzed by Wils et al. (2018), all others were measured for this study. Small samples are indicated by a lab number ending in '-S'. The first sample (44915), indicated with an asterisk, is excluded for age-depth modelling as it was deposited post-1950 (Wils et al., 2018), and therefore not suitable for calibration with SHCal13 (Hogg et al., 2013).