Exploring complex normal faulting systems through physics-based dynamic rupture modeling.

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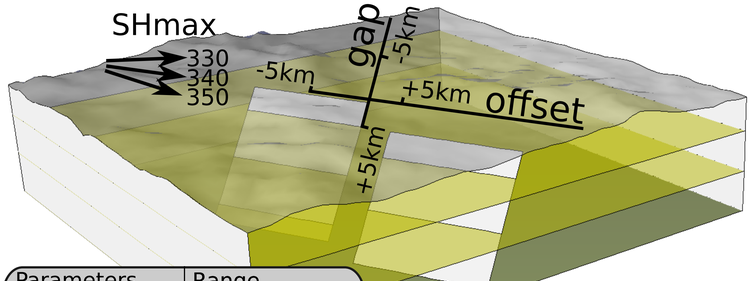
1. Introduction

2. Geometry-Settings

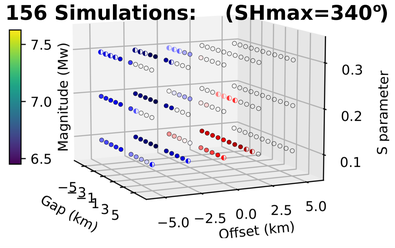


Parameters	Range
Offset distance	-5:+2.5:+5 km
Gap distance	-5:+1:+5 km
SHmax	335º:5º:355º
S parameter	0.1, 0.2, 0.3

2 Faults:
size: 10X10 km
$\mu_s = 0.6$
$\mu_d = 0.4$

3. Simulation-Results

156 Simulations: (SHmax=340º)



4. Jump ? How ? When ? Why ?

Fault fixed **Fault not fixed**

5. Results

Refernces