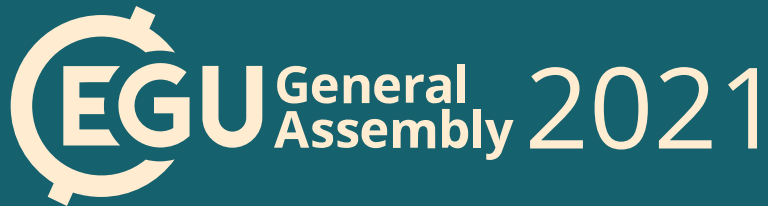


Gradient-boosted equivalent sources

for gridding large gravity and magnetic datasets

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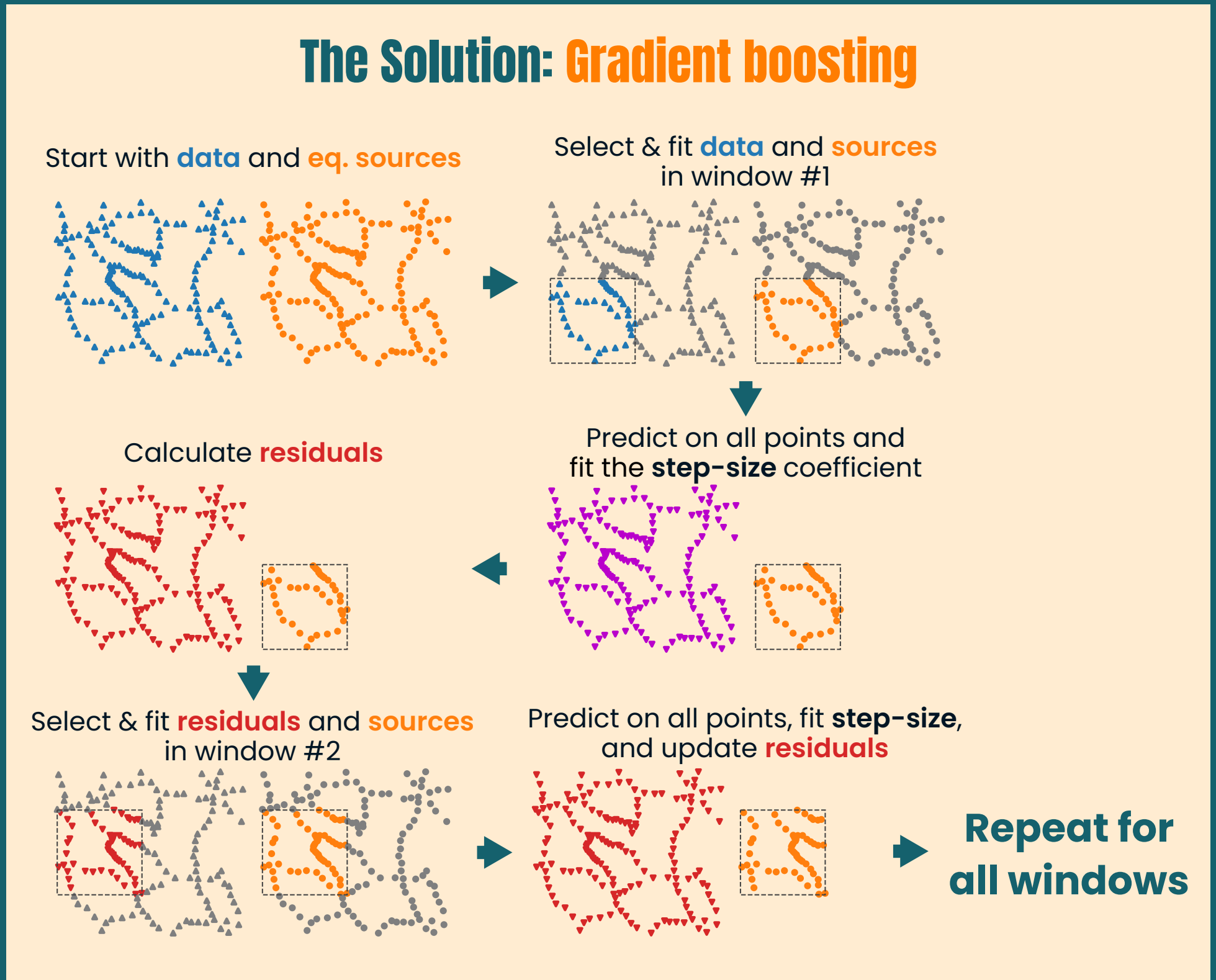
Equivalent Sources

grid points
data points
sources

∇^2 Harmonic
 $f(h)$ Elevation

The Problem

200 000 data
X 200 000 sources
300GB RAM



Interpolating Australia Gravity Data

+1.7 million data points
<10GB RAM

Section of the original data

Section of the Interpolated grid

Read the preprint:
doi: 10.31223/X58G7C