







-Max N leads to \overline{T}

- -Max N combined with ΔT_{zz} leads to $\overline{T}_{200-500}$ - \neq Sensitivity of gravity signals to slab's morphology, mantle viscosity profile and SITS
- -Gravimetric anomalies amplitude due to SITS modification > GOCE detection threshold

Take home message

Synthetic case:

-Develop an inversion strategy based on a priori from seismic tomography Natural case:

- -Isolate the slab signal from the 200 first km in the total signal
- -Apply the inversion strategy to propose a range of possible SITS





