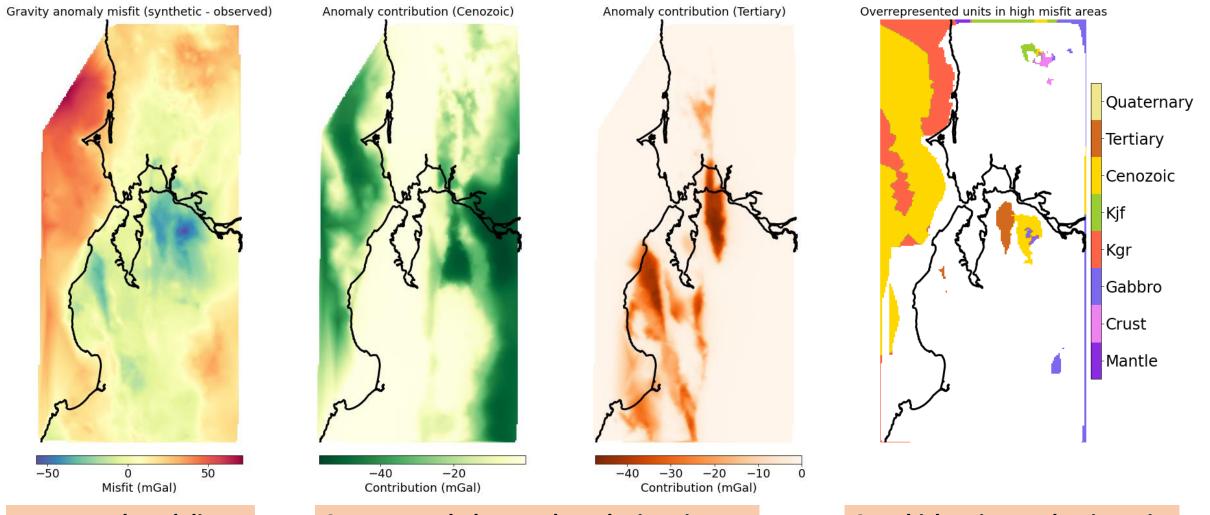
## Forward modeling the gravity anomaly in the San Francisco Bay Region Seismic Velocity Model: A tool for validation



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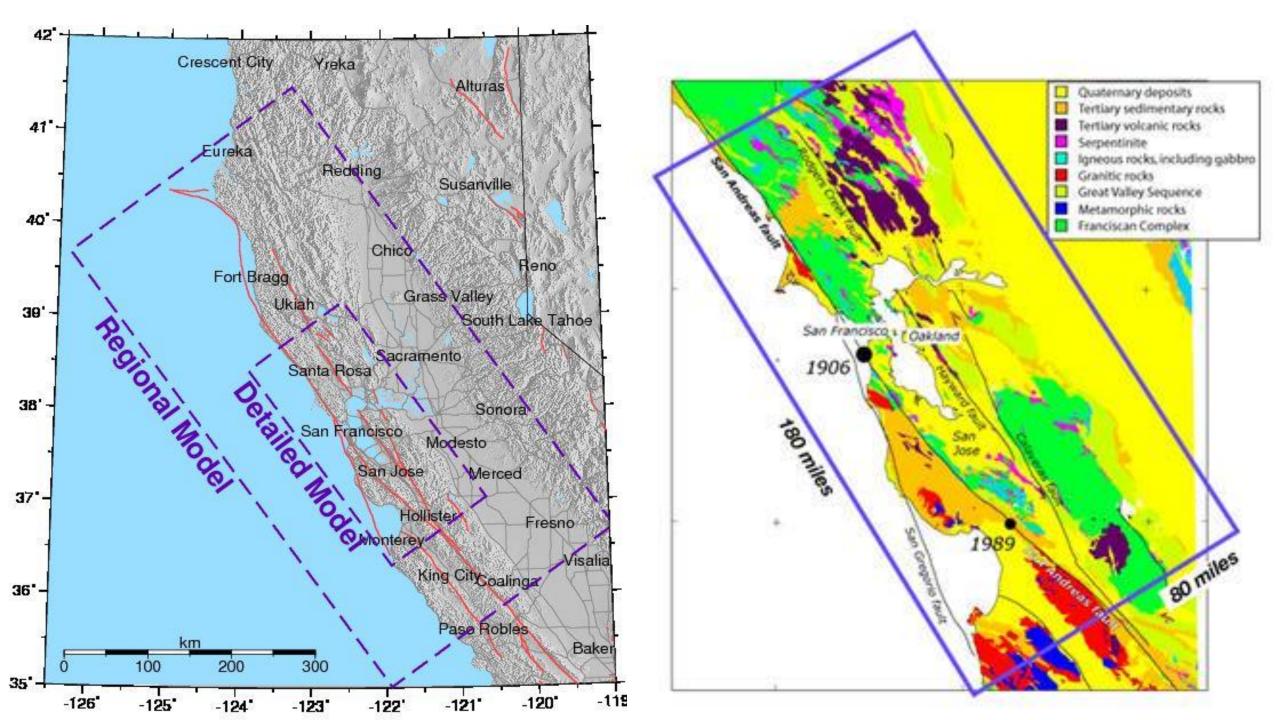
1. Forward modeling→ Calculate misfit

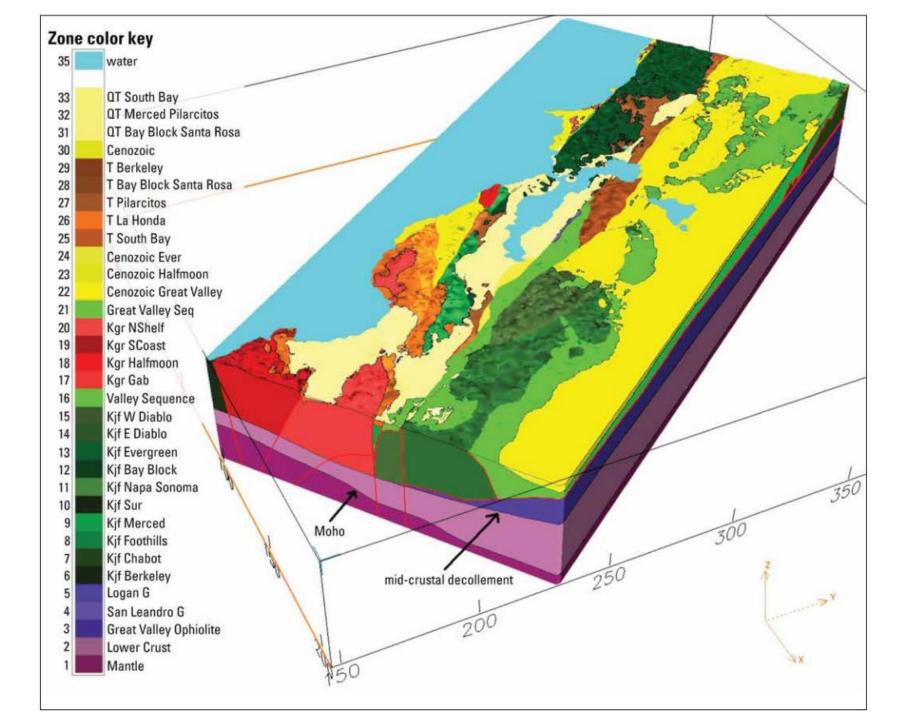


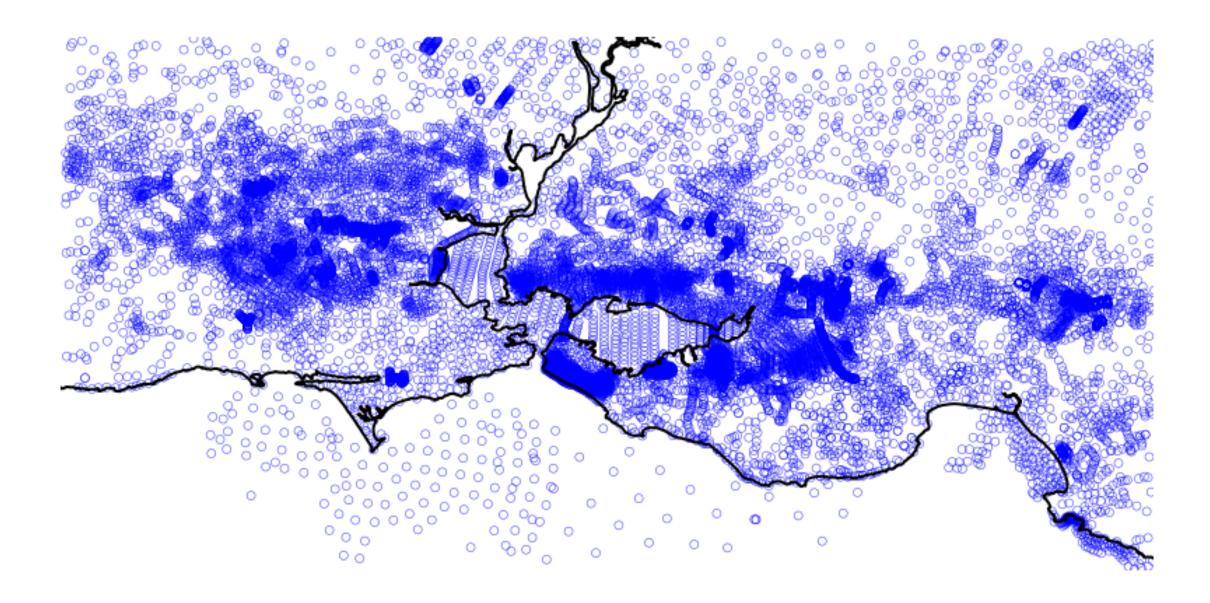
2. How much does each geologic unit contribute to the (synthetic) anomaly?

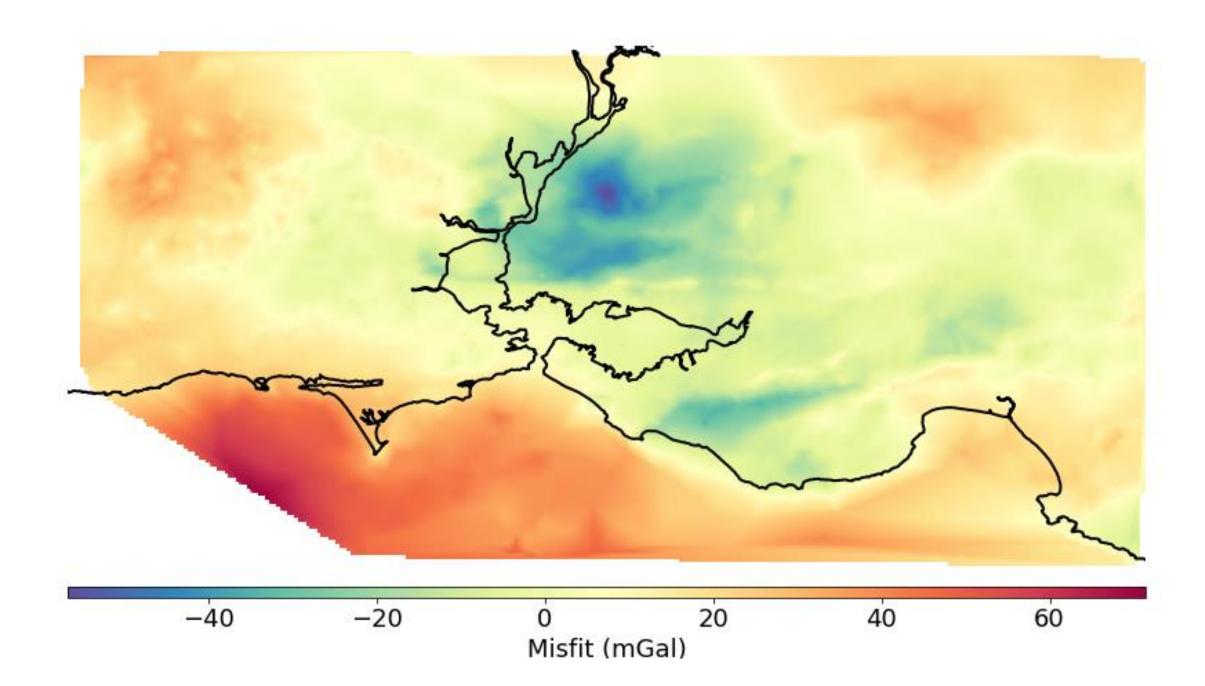


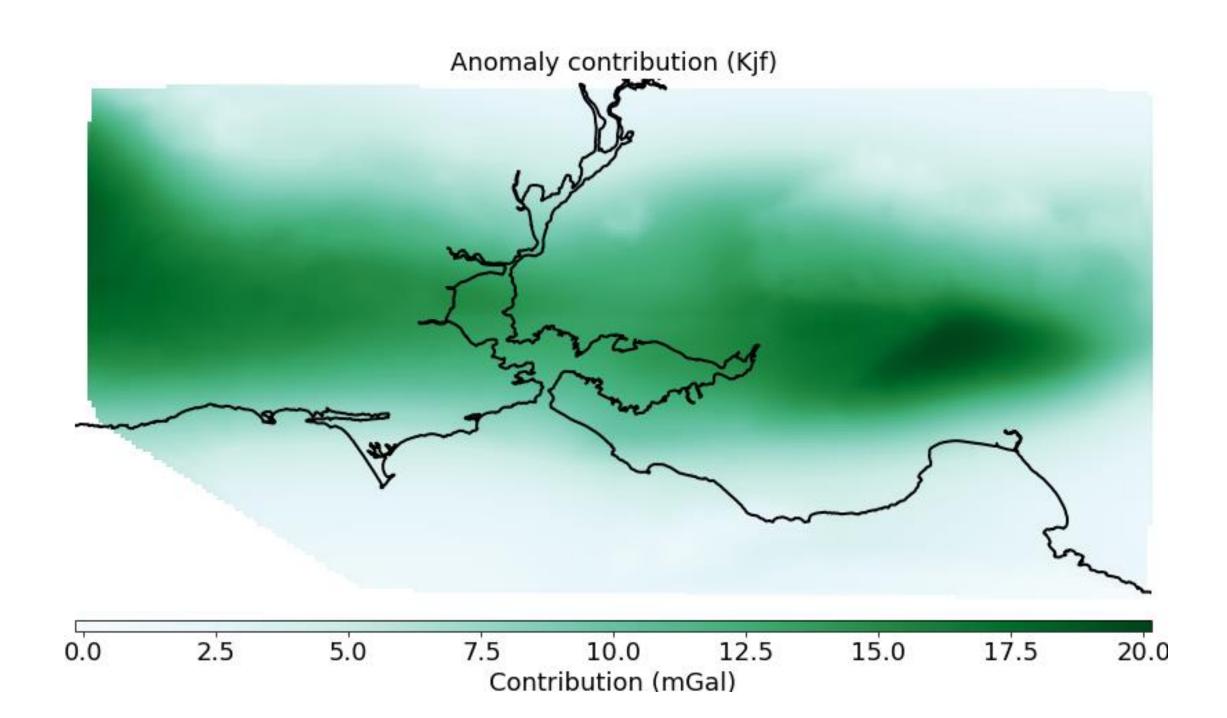
3. Which units are dominant in high misfit areas?



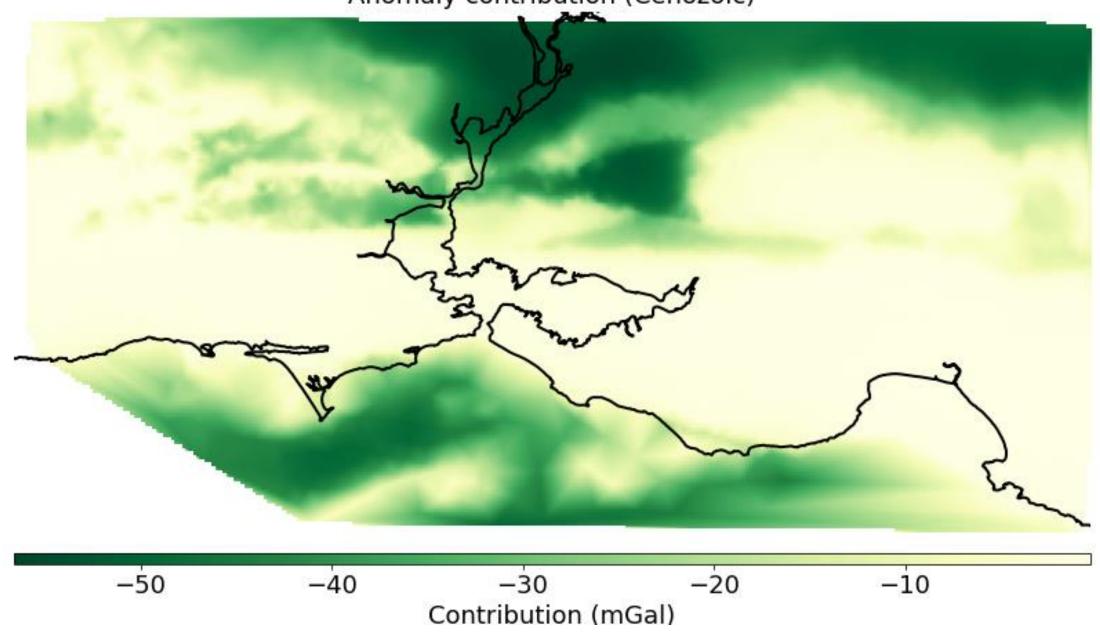


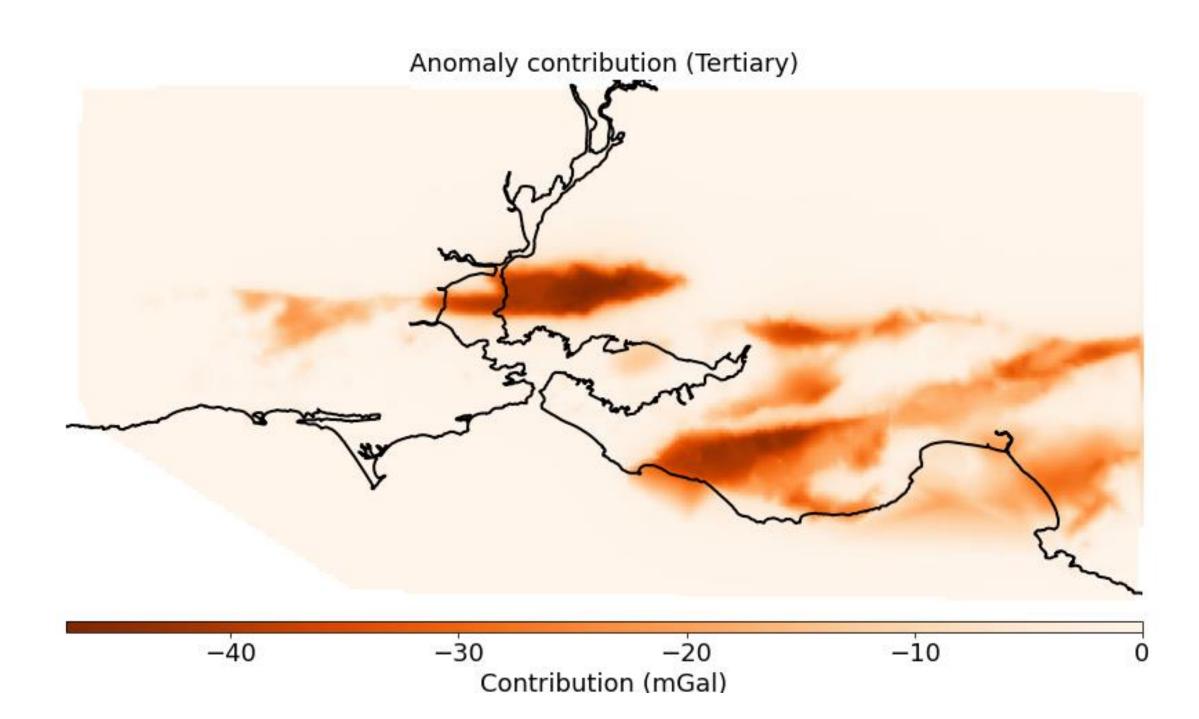


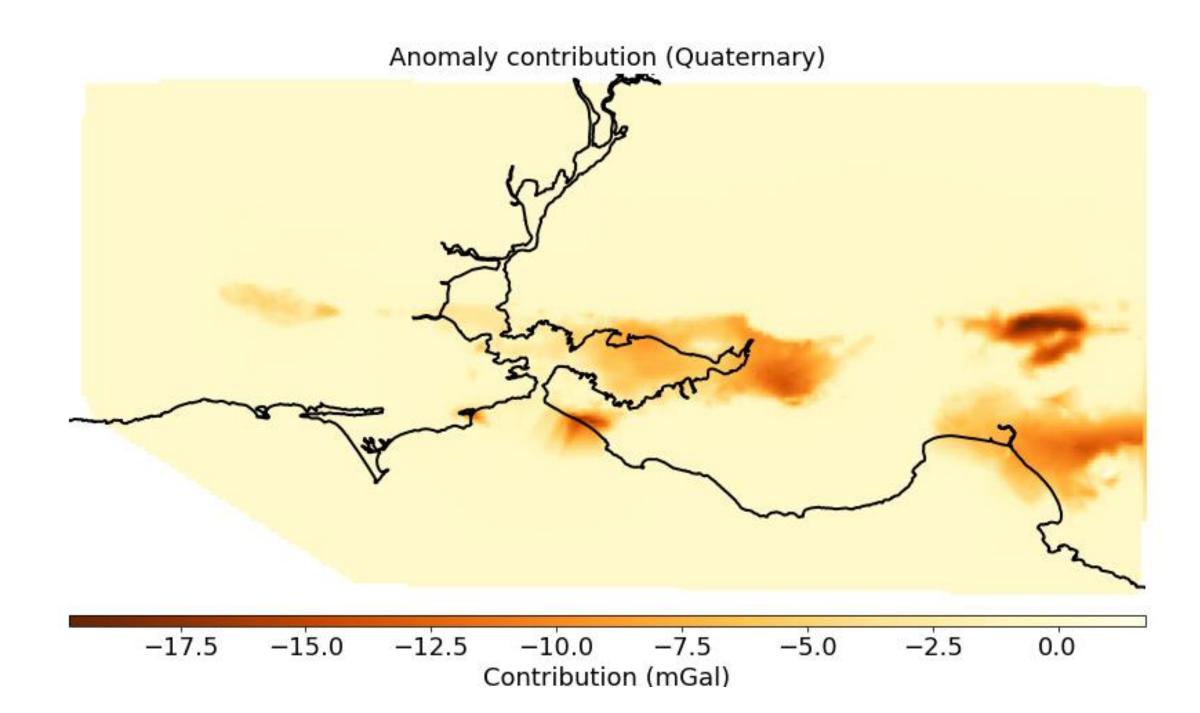




Anomaly contribution (Cenozoic)







## Overrepresented units in high misfit areas

