

Project Theta Progress Report

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Background

The Paper

- ▶ Neural Basis of Loss Aversion in Decision-Making Under Risk
- ▶ Decisions influenced more by potential loss than by potential gain?

Paper Purpose

- ▶ Investigate whether potential loss/gain coded the same neurally
- ▶ Brain activation results in different regions points towards yes

The Data

Data Preprocessing

Data Preprocessing

Models

Behavioral Analysis

Checking Model Assumptions

Normality

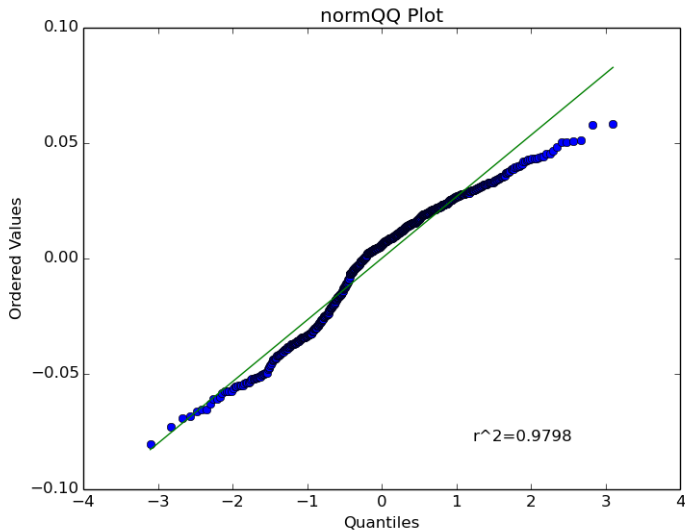


Figure : Normal QQ plot of the residuals for 40000 th voxel.

Linearity

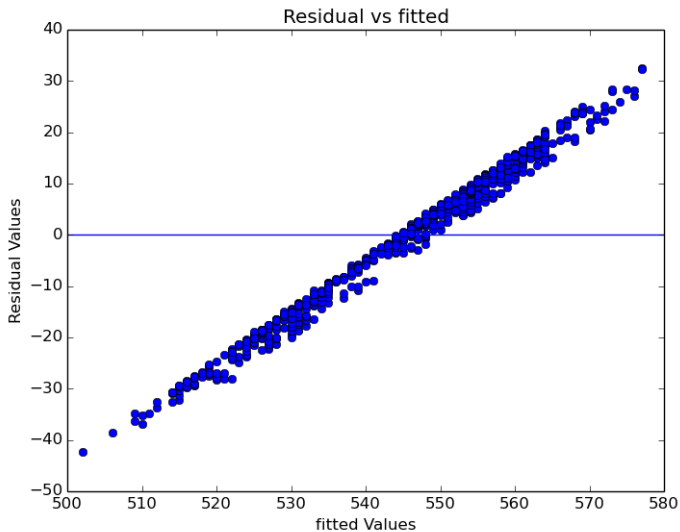


Figure : Residual vs Fitted Values for voxel 40000 across time

Results