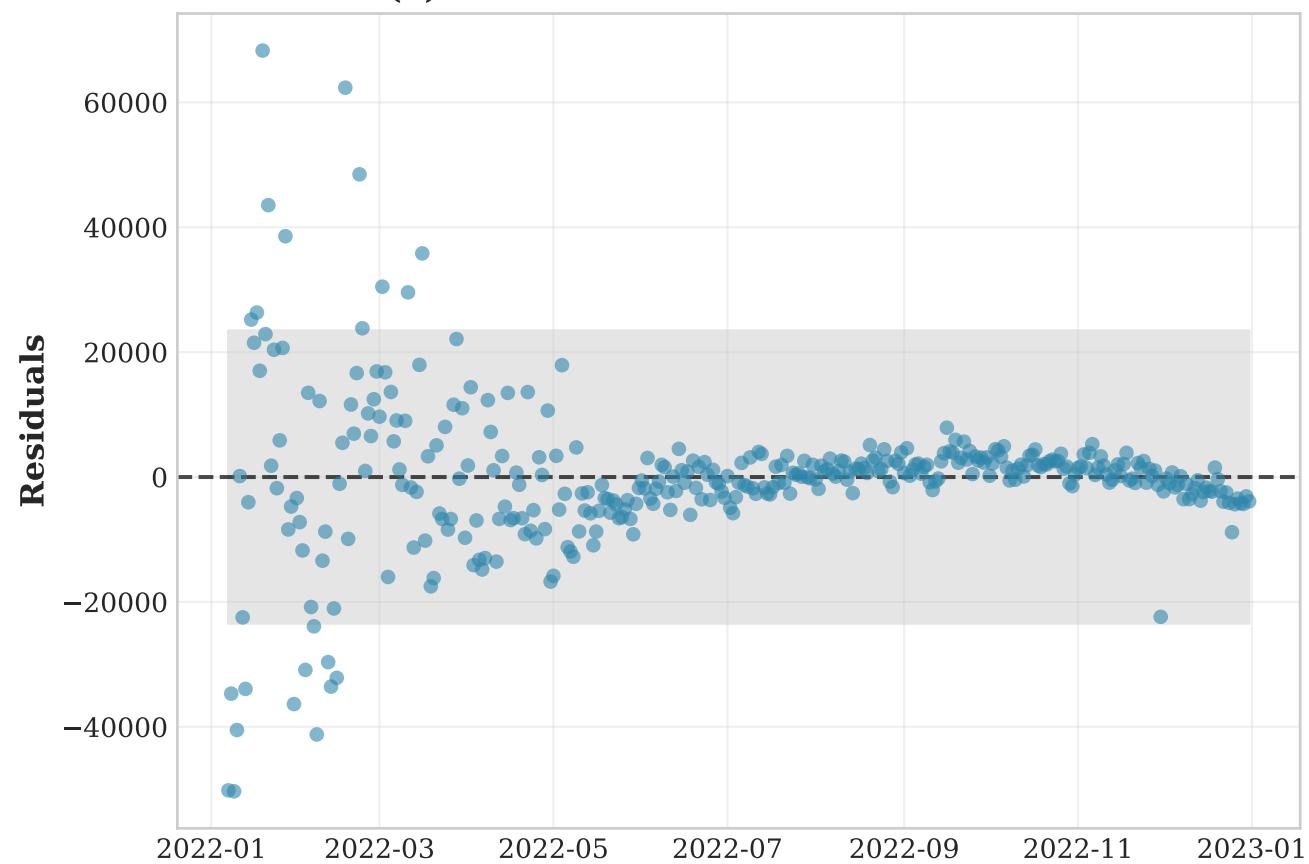
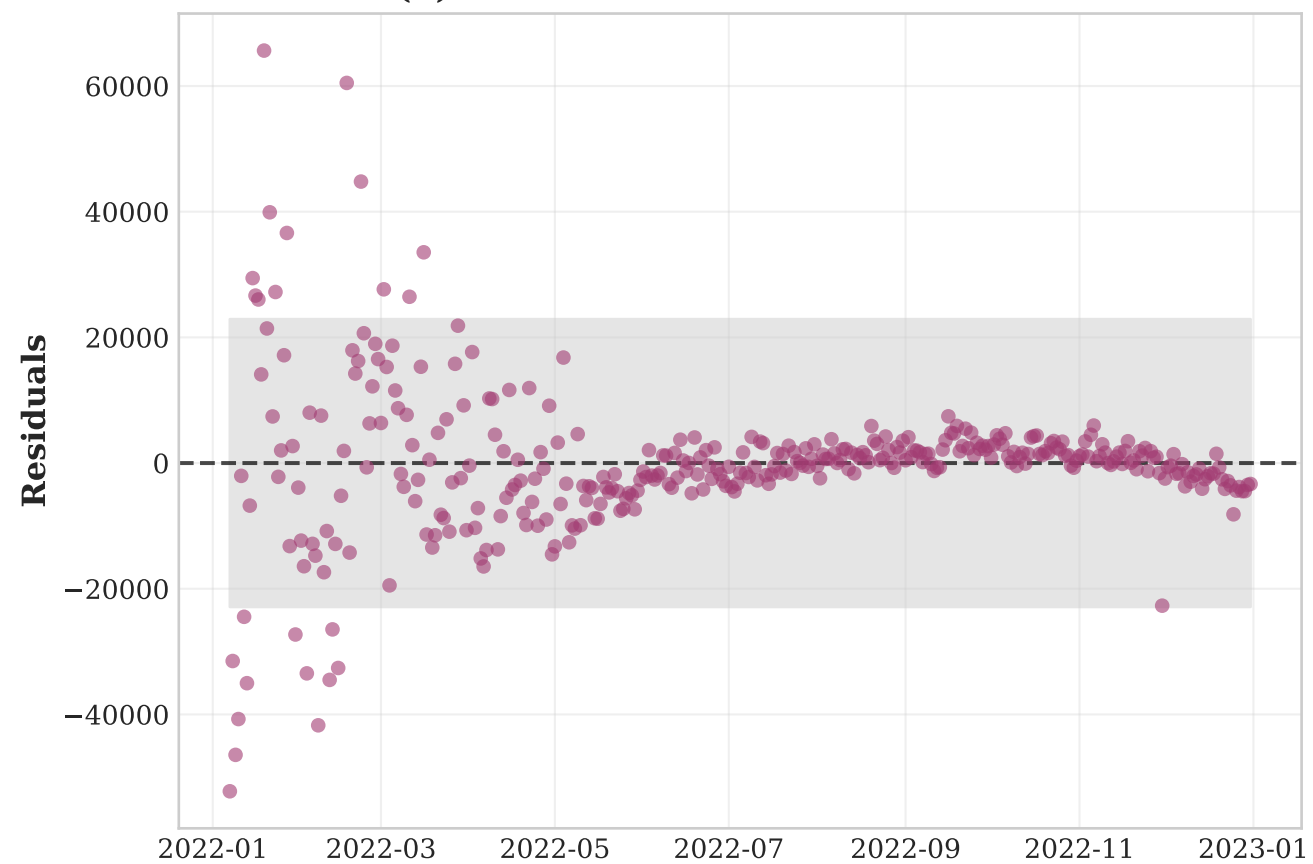


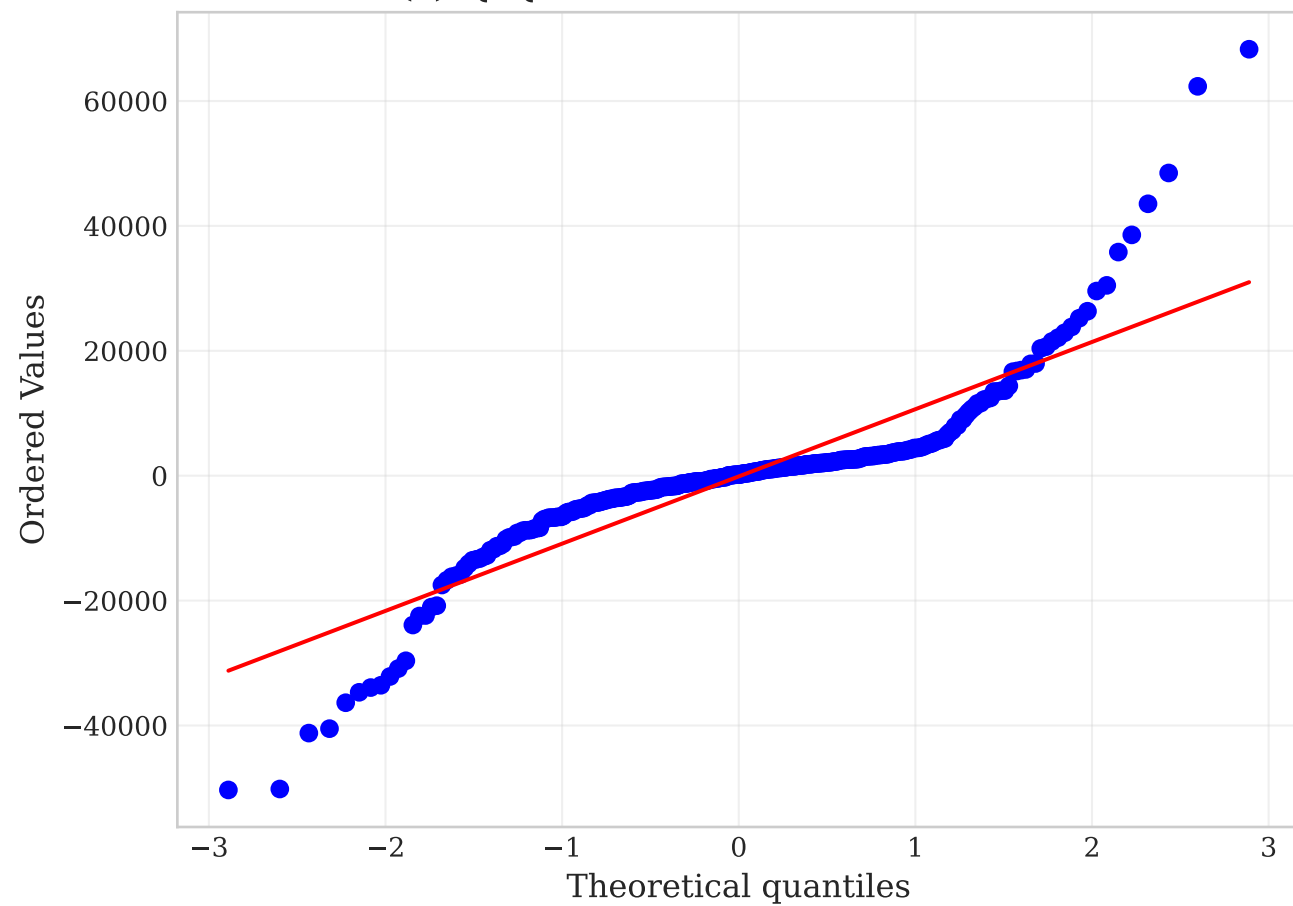
**(a) Base Model Residuals Over Time**



**(b) Full Model Residuals Over Time**



**(c) Q-Q Plot: Base Model Residuals**



**(d) Q-Q Plot: Full Model Residuals**

