Supplementary Material for "Modeling competitive and complementary ecological relationships between online communities"
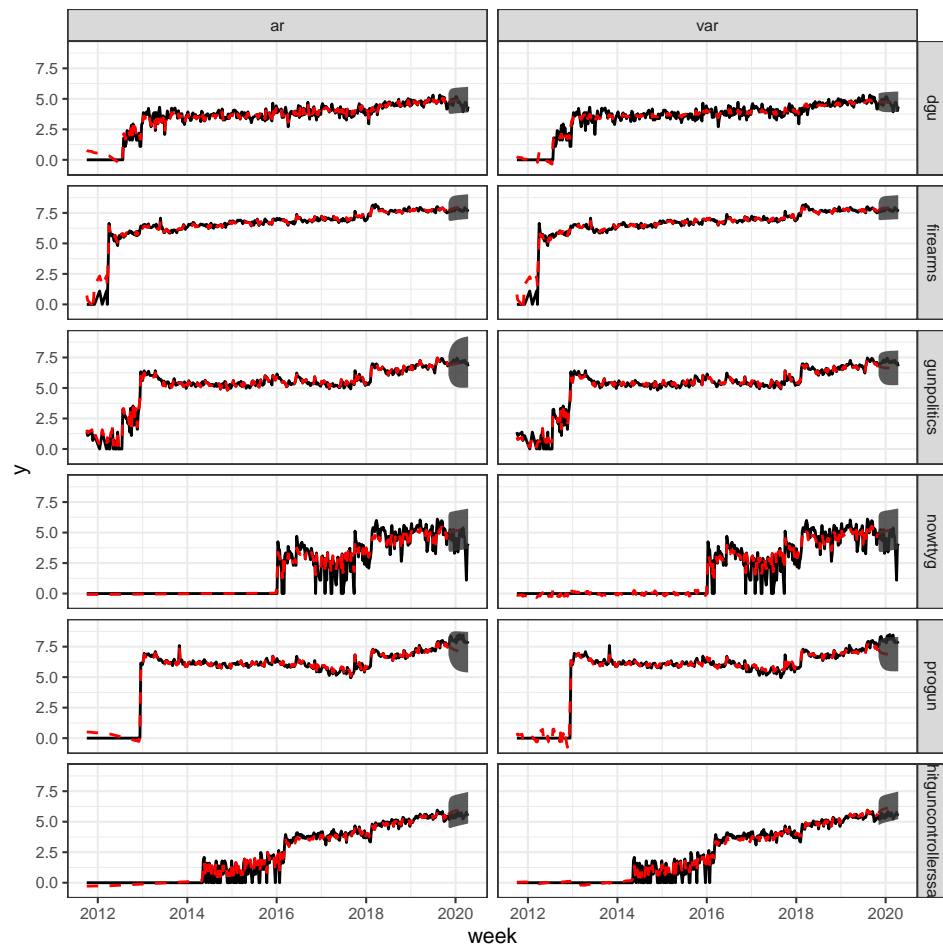
1 FORECAST PLOTS

Fig. 1. Model fit and forecast from VAR model estimated on cluster of pro-gun subreddits

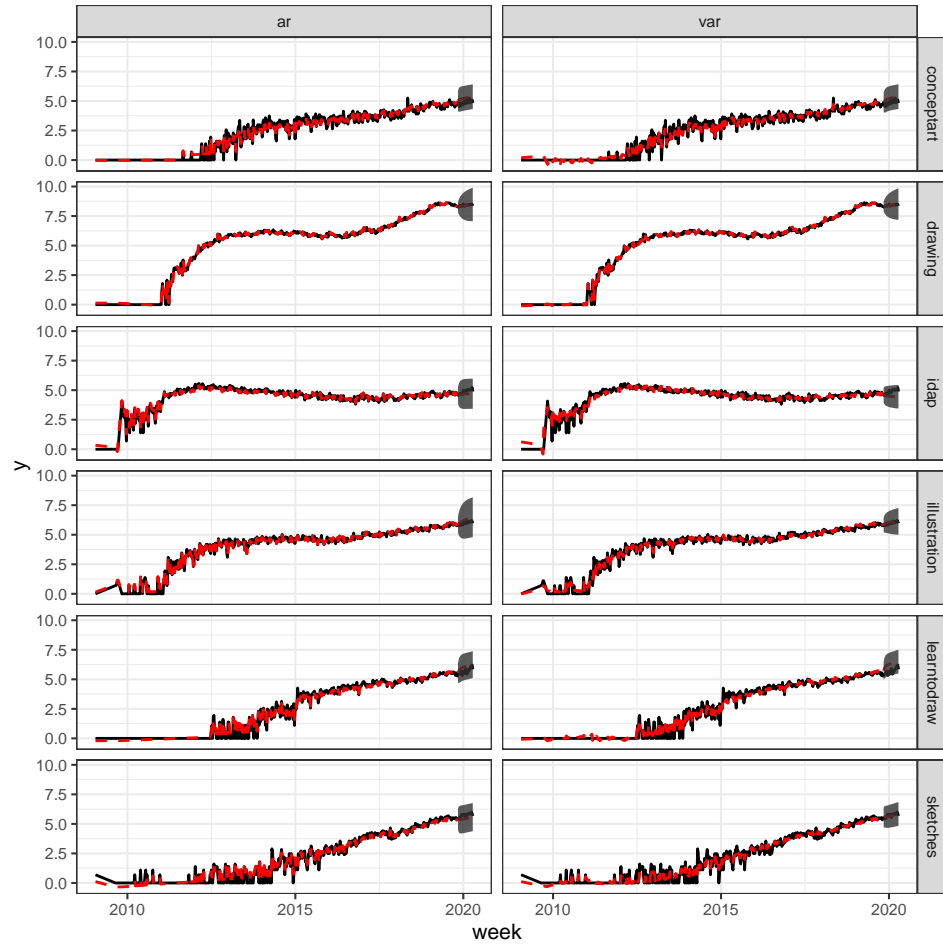Fig. 2. Model fit and forecast from VAR model estimated on cluster of military vehicle subreddits

Fig. 3. Model fit and forecast from VAR model estimated on cluster of art and drawing subreddits
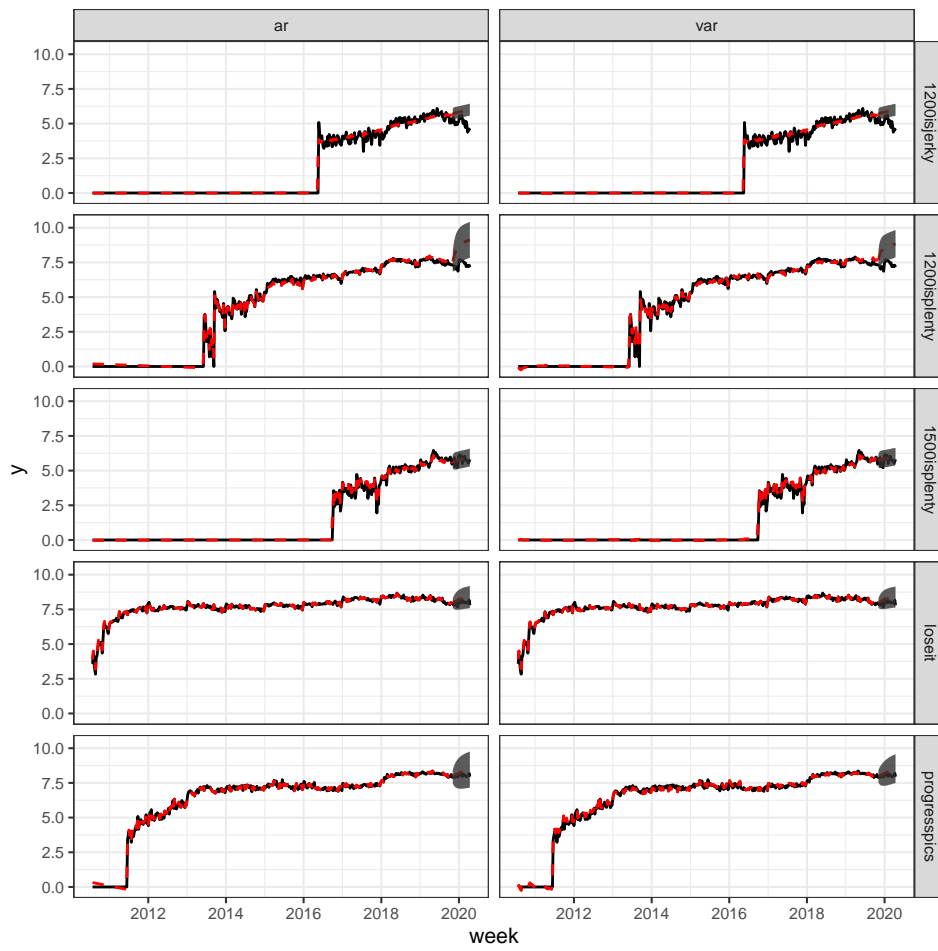
Fig. 4. Model fit and forecast from VAR model estimated on cluster of weight-loss subreddits
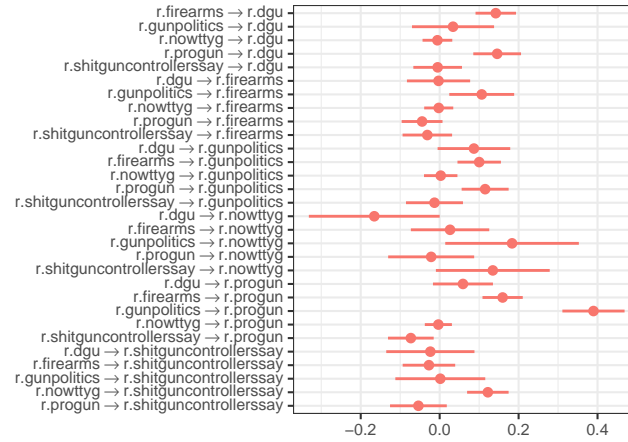
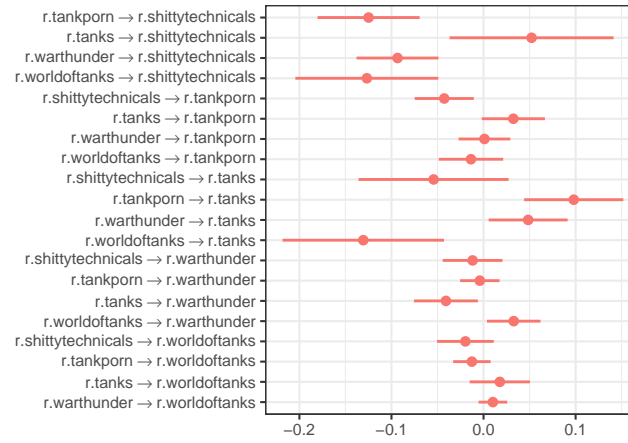Fig. 5. Commensal coefficients from VAR model estimated on cluster of pro-gun subreddits.

Fig. 6. Commensal coefficients from VAR model estimated on cluster of military vehicle subreddits.
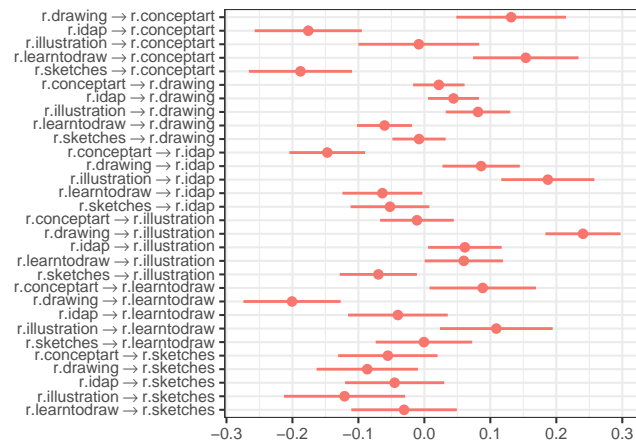
2 VAR MODEL COEFFICIENTS

Fig. 7. Commensal coefficients from VAR model estimated on cluster of art and drawing subreddits.
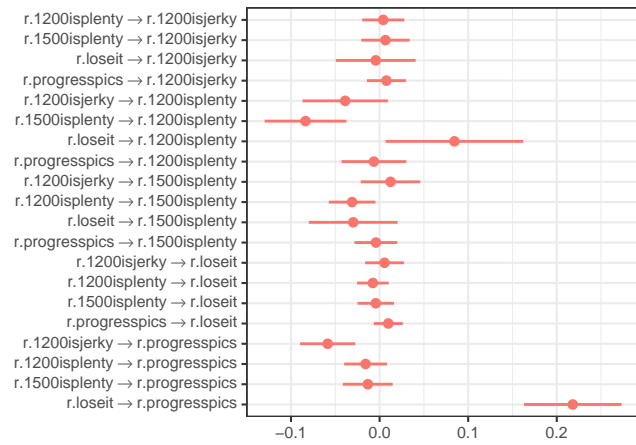

Fig. 8. Commensal coefficients from VAR model estimated on cluster of art weight loss subreddits.
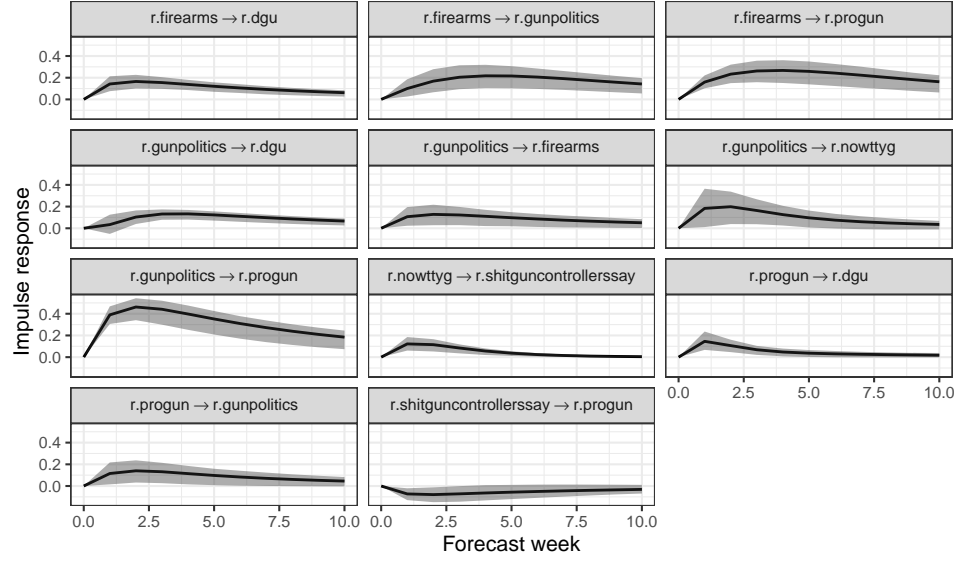
Fig. 9. Impulse response functions from VAR model estimated on cluster of pro-gun subreddits. Only impulses where the 95% confidence interval of the impulse response function does not include 0 are shown.
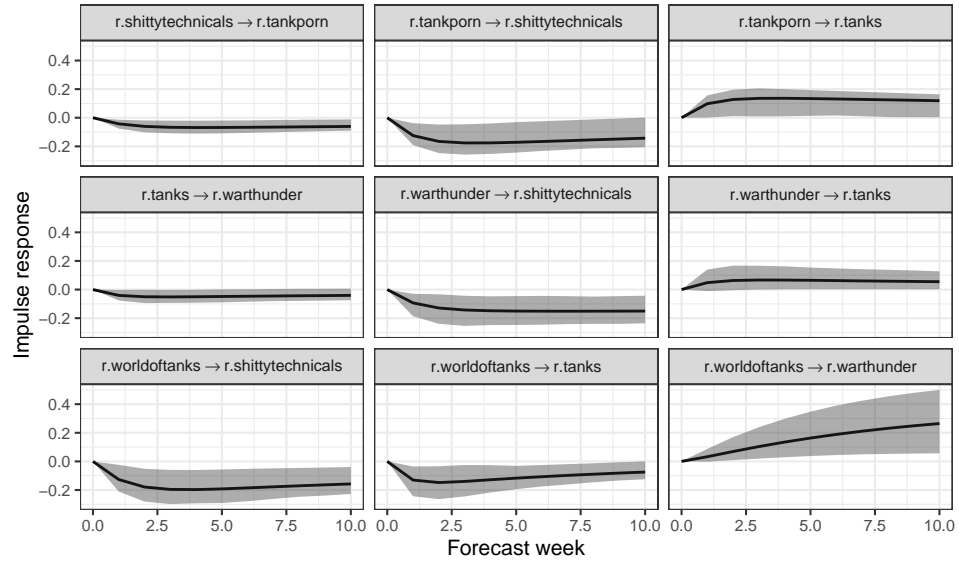

Fig. 10. Impulse response functions from VAR model estimated on cluster of military vehicle subreddits. Only impulses where the 95% confidence interval of the impulse response function does not include 0 are shown.
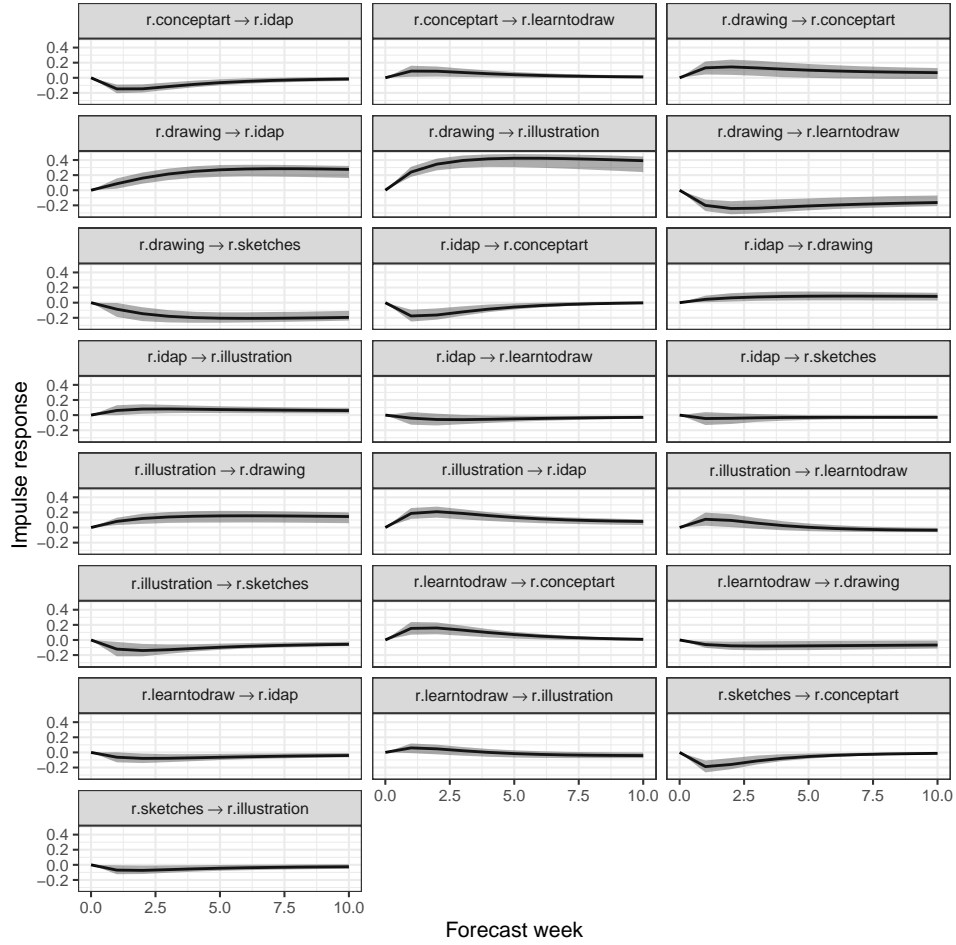
3 IMPULSE RESPONSE FUNCTIONS

Fig. 11. Impulse response functions from VAR model estimated on cluster of art and drawing subreddits. Only impulses where the 95% confidence interval of the impulse response function does not include 0 are shown.
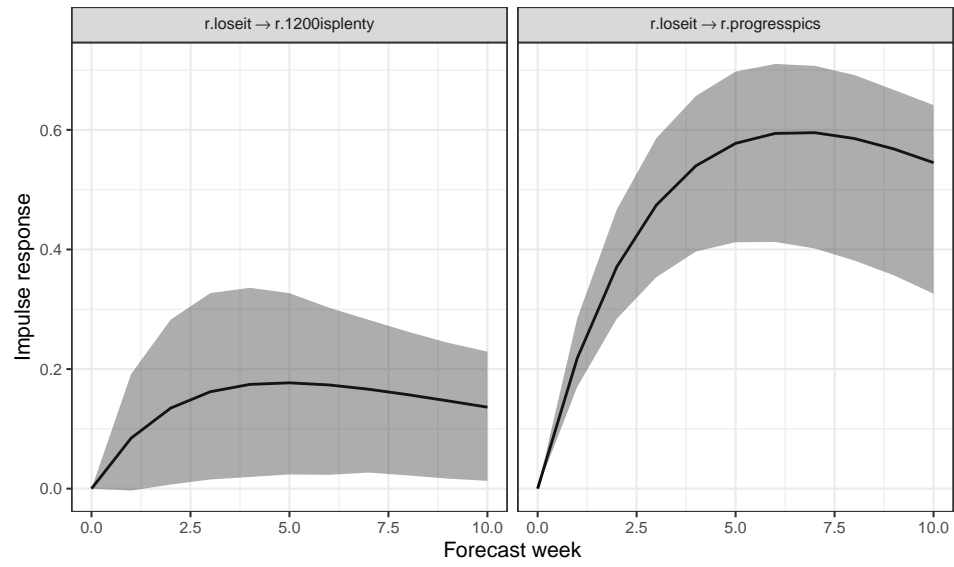
Fig. 12. Impulse response functions from VAR model estimated on cluster of weight loss subreddits. Only impulses where the 95% confidence interval of the impulse response function does not include 0 are shown.