

**DRAFT – Main Title Here – DRAFT**

A Machine Learning Approach to Correlating Physiological Parameters with  
Rheological Features

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**Abstract**

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# 1 Introduction

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## 2 Methods

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### 3 Results and Discussion

Results and discussion section here.

## 4 Future Directions

Future directions section here.

## 5 Conclusion

Conclusion section here.

## 6 Acknowledgments

- Sean Farrington - Norman J. Wagner



## 7 Resources

Resources section here.

## 8 Acronyms

- GPR: Gaussian Process Regression
- PC: Principal Component
- ML: Machine Learning
- PCA: Principal Component Analysis
- CV: Cross-Validation
- KFCV: K-Fold Cross-Validation
- MSE: Mean Squared Error
- RMSE: Root Mean Squared Error
- MAE: Mean Absolute Error
- $R^2$ : Coefficient of Determination
- CI: Confidence Interval
- PCs: Principal Components

## A Supplementary Data

[Include supplementary figures, tables, or data here]