**Is Romantic Desire Predictable? Machine Learning Applied to Initial Romantic Attraction.**

The following files have been archived:

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|  | **File name** | **Description** |
| **Codebooks** | Database S1- Sample A Background Measures.xls | Database containing a list of all Sample A background measures used in analyses. |
| Database S2- Sample B Background Measures.xls | Database containing a list of all Sample B background measures used in analyses. |
| Database S3 - Sample A Interaction Record Questionnaire Measures.xls | Database containing a list of all Sample A post-interaction measures used in analyses. |
| Database S4 - Sample B Interaction Record Questionnaire Measures.xls | Database containing a list of all Sample B post-interaction measures used in analyses. |
| **Background-Level Analyses** | Background Measures Predicting Actor Desire.R | R Syntax for conducting background-level actor analyses. |
| Level 2 predicting ActorGM, Sample A.csv | CSV file containing data required to conduct actor Sample A analyses. |
| Level 2 predicting ActorGM, Sample B.csv | CSV file containing data required to conduct actor Sample B analyses. |
| Background Measures Predicting Partner Desire.R | R Syntax for conducting background-level partner analyses. |
| Level 2 predicting PartnerGM, Sample A.csv | CSV file containing data required to conduct partner Sample A analyses. |
| Level 2 predicting PartnerGM, Sample B.csv | CSV file containing data required to conduct partner Sample B analyses. |
| Background Measures Predicting Dyadic Desire.R | R Syntax for conducting background-level dyadic analyses. |
| Level 1 predicting Female Dyadic Desire, Sample A.csv | CSV file containing data required to conduct female dyadic Sample A analyses. |
| Level 1 predicting Female Dyadic Desire, Sample B.csv | CSV file containing data required to conduct female dyadic Sample B analyses. |
| Level 1 predicting Male Dyadic Desire, Sample A.csv | CSV file containing data required to conduct male dyadic Sample A analyses. |
| Level 1 predicting Male Dyadic Desire, Sample B.csv | CSV file containing data required to conduct male dyadic Sample B analyses. |
| **Post-Interaction Analyses** | Post-Interaction Measures Predicting Actor, Partner, and Dyadic Desire.R | R Syntax for conducting all post-interaction analyses. |
| Level 1 Post-Interaction predicting Female Dyadic Desire, Sample A.csv | CSV file containing data required to conduct post-interaction female dyadic Sample A analyses. |
| Level 1 Post-Interaction predicting Female Dyadic Desire, Sample B.csv | CSV file containing data required to conduct post-interaction female dyadic Sample B analyses. |
| Level 1 Post-Interaction predicting Male Dyadic Desire, Sample A.csv | CSV file containing data required to conduct post-interaction male dyadic Sample A analyses. |
| Level 1 Post-Interaction predicting Male Dyadic Desire, Sample B.csv | CSV file containing data required to conduct post-interaction male dyadic Sample B analyses. |
| Level 2 Post-Interaction predicting Actor, Sample A.csv | CSV file containing data required to conduct post-interaction actor Sample A analyses. |
| Level 2 Post-Interaction predicting Actor, Sample B.csv | CSV file containing data required to conduct post-interaction actor Sample B analyses. |
| Level 2 Post-Interaction predicting Partner, Sample A.csv | CSV file containing data required to conduct post-interaction partner Sample A analyses. |
| Level 2 Post-Interaction predicting Partner, Sample B.csv | CSV file containing data required to conduct post-interaction partner Sample B analyses. |
| **Training/**  **Testing Analyses** | Training Testing Analyses.R | R Syntax for conducting all testing/training analyses. |
| Training actor.csv | CSV file containing data required to conduct actor training analyses. |
| Testing actor.csv | CSV file containing data required to conduct actor testing analyses. |
| Training partner.csv | CSV file containing data required to conduct partner training analyses. |
| Testing partner.csv | CSV file containing data required to conduct partner testing analyses. |
| Training couples, female DV.csv | CSV file containing data required to conduct female dyadic training analyses. |
| Testing couples, female DV.csv | CSV file containing data required to conduct female dyadic testing analyses. |
| Training couples, female DV.csv | CSV file containing data required to conduct male dyadic training analyses. |
| Testing couples, female DV.csv | CSV file containing data required to conduct male dyadic testing analyses. |
| **Simulation Analyses** | Speed dating simulations with only relevant variables.R | R Syntax for conducting simulation analyses with only relevant variables. |
| speed dating simulations including irrelevant variables.R | R Syntax for conducting simulation analyses that include irrelevant variables |