Appendix 2 – Codebook

## Recidivism Forecasting Challenge Database - Fields Defined

3/29/2021

| Position | Variable | Definition | Format |
|---|---|---|---|
| 1 | ID | Unique Person ID | Scale (1-26,761) |

### Supervision Case Information

| Position | Variable | Definition | Format |
|---|---|---|---|
| 2 | Gender | Gender (M=Male/F=Female) | Alpha 1 |
| 3 | Race | Race (Black or White) | Alpha 5 |
| 4 | Age_at_Release | Age Group at Time of Prison Release (18-22, 23-27, 28-32, 33-37, 38-42, 43-47, 48+) | Scale (1-7) |
| 5 | Residence_PUMA* | Residence US Census Bureau PUMA Group* at Prison Release | Scale (1-25*) |
| 6 | Gang_Affiliated | Verified by Investigation as Gang Affiliated | Dichotomous (0=no/1=yes) |
| 7 | Supervision_Risk_Score_First | First Parole Supervision Risk Assessment Score (1-10, where 1=lowest risk) | Scale (1-10) |
| 8 | Supervision_Level_First | First Parole Supervision Level Assignment (Standard, High, Specialized) | Alpha 15 |

### Prison Case Information

*Captured at prison admission with the exception of prison days, which is calculated as (prison release date - prison admit date).*

| Position | Variable | Definition | Format |
|---|---|---|---|
| 9 | Education_Level | Education Grade Level at Prison Entry (<high school, High School diploma, at least some college) | Scale (1-3) |
| 10 | Dependenents | # Dependents at Prison Entry (0, 1, 2, 3+) | Scale (0-3, where 3=3+) |
| 11 | Prison_Offense | Primary Prison Conviction Offense Group (Violent/Sex, Violent/Non-Sex, Property, Drug, Other) | Alpha 15 |
| 12 | Prison_Years | Years in Prison Prior to Parole Release (<1, 1-2, 2-3, 3+) | Scale (0-3) |

### Prior Georgia Criminal History

*Georgia Crime Information Center (GCIC) fingerprintable arrest and conviction history prior to prison entry. Arrest and conviction episodes may contain multiple charges.*

| Position | Variable | Definition | Format |
|---|---|---|---|
| 13 | Prior_Arrest_Episodes_Felony | # Prior GCIC Arrests with Most Serious Charge=Felony | Scale (0-10, where 10=10+) |
| 14 | Prior_Arrest_Episodes_Misdemeanor | # Prior GCIC Arrests with Most Serious Charge=Misdemeanor | Scale (0-6, where 6=6+) |

| 15 | Prior_Arrest_Episodes_Violent | # Prior GCIC Arrests with Most Serious Charge=Violent | Scale (0-3, where 3=3+) |
|----|-------------------------------|-------------------------------------------------------|--------------------------|
| 16 | Prior_Arrest_Episodes_Property | # Prior GCIC Arrests with Most Serious Charge=Property | Scale (0-5, where 5=5+) |
| 17 | Prior_Arrest_Episodes_Drug | # Prior GCIC Arrests with Most Serious Charge=Drug | Scale (0-5, where 5=5+) |
| 18 | Prior_Arrest_Episodes_PPViolationCharges | # Prior GCIC Arrests with Probation/Parole Violation Charges | Scale (0-5, where 5=5+) |
| 19 | Prior_Arrest_Episodes_DomesticViolenceCharges | Any Prior GCIC Arrests with Domestic Violence Charges | Dichotomous (0=no/1=yes) |
| 20 | Prior_Arrest_Episodes_GunCharges | Any Prior GCIC Arrests with Gun Charges | Dichotomous (0=no/1=yes) |
| 21 | Prior_Conviction_Episodes_Felony | # Prior GCIC Felony Convictions with Most Serious Charge=Felony | Scale (0-3, where 3=3+) |
| 22 | Prior_Conviction_Episodes_Misdemeanor | # Prior GCIC Convictions with Most Serious Charge=Misdemeanor | Scale (0-4, where 4=4+) |
| 23 | Prior_Conviction_Episodes_Violent | Any Prior GCIC Convictions with Most Serious Charge=Violent | Dichotomous (0=no/1=yes) |
| 24 | Prior_Conviction_Episodes_Property | # Prior GCIC Convictions with Most Serious Charge=Property | Scale (0-3, where 3=3+) |
| 25 | Prior_Conviction_Episodes_Drug | # Prior GCIC Convictions with Most Serious Charge=Drug | Scale (0-2, where 2=2+) |
| 26 | Prior_Conviction_Episodes_PPViolationCharges | Any Prior GCIC Convictions with Probation/Parole Violation Charges | Dichotomous (0=no/1=yes) |
| 27 | Prior_Conviction_Episodes_DomesticViolenceCharges | Any Prior GCIC Convictions with Domestic Violence Charges | Dichotomous (0=no/1=yes) |
| 28 | Prior_Conviction_Episodes_GunCharges | Any Prior GCIC Convictions with Gun Charges | Dichotomous (0=no/1=yes) |

**Prior Georgia Community Supervision History**

*Georgia community supervision revocations prior to prison entry. A revocation is an unsuccessful termination of supervision. A parole revocation reflects a return to prison to serve the remaining sentence.*

| 29 | Prior_Revocations_Parole | Any Prior Parole Revocations | Dichotomous (0=no/1=yes) |
|----|--------------------------|------------------------------|--------------------------|
| 30 | Prior_Revocations_Probation | Any Prior Probation Revocations | Dichotomous (0=no/1=yes) |

**Georgia Board of Pardons and Paroles Conditions of Supervision**

*Discretionary parole release requires people to abide by conditions set by the Board; those affecting programming or notification are included here.*

| 31 | Condition_MH_SA | Parole Release Condition = Mental Health or Substance Abuse Programming | Dichotomous (0=no/1=yes) |
|----|-----------------|------------------------------------------------------------------------|--------------------------|
| 32 | Condition_Cog_Ed | Parole Release Condition = Cognitive Skills or Education Programming | Dichotomous (0=no/1=yes) |
| 33 | Condition_Other | Parole Release Condition = No Victim Contact or Electronic Monitoring or Restitution or Sex Offender Registration/Program | Dichotomous (0=no/1=yes) |

**Supervision Activities**

*Includes violations, drug tests, delinquency reports for violating conditions, program attendances, residence changes, and employment during the parole supervision episode.*

| 34 | Violations_ElectronicMonitoring | Any Violation for Electronic Monitoring | Dichotomous (0=no/1=yes) |
|----|----|----|----|
| 35 | Violations_InstructionsNotFollowed | Any Violation for Not Following Instructions | Dichotomous (0=no/1=yes) |
| 36 | Violations_FailToReport | Any Violation for Failure to Report | Dichotomous (0=no/1=yes) |
| 37 | Violations_MoveWithoutPermission | Any Violation for Moving Without Permission | Dichotomous (0=no/1=yes) |
| 38 | Delinquency_Reports | # Parole Delinquency Reports | Scale (0-4, where 4=4+) |
| 39 | Program_Attendances | # Program Attendances | Scale (0-10, where 10=10+) |
| 40 | Program_UnexcusedAbsences | # Program Unexcused Absences | Scale (0-3, where 3=3+) |
| 41 | Residence_Changes | # Residence Changes/Moves (new zip codes) During Parole | Scale (0-3, where 3=3+) |
| 42 | Avg_Days_per_DrugTest | Average Days on Parole Between Drug Tests | Scale (.5 - 1,089) |
| 43 | DrugTests_THC_Positive | % Drug Tests Positive for THC/Marijuana | Scale (0-1, where 1=100%) |
| 44 | DrugTests_Cocaine_Positive | % Drug Tests Positive for Cocaine | Scale (0-1, where 1=100%) |
| 45 | DrugTests_Meth_Positive | % Drug Tests Positive for Methamphetamine | Scale (0-1, where 1=100%) |
| 46 | DrugTests_Other_Positive | % Drug Tests Positive for Other Drug | Scale (0-1, where 1=100%) |
| 47 | Percent_Days_Employed | % Days Employed While on Parole | Scale (0-1, where 1=100%) |
| 48 | Jobs_Per_Year | Jobs Per Year While on Parole | Scale (0-8) |
| 49 | Employment_Exempt | Employment is Not Required (Exempted) | Dichotomous (0=no/1=yes) |

**Recidivism Measures**

*Recidivism is measured as a Georgia fingerprintable arrest recorded in GCIC for a new felony or misdemeanor crime within 3 years of parole supervision start date.*

| 50 | Recidivism_Within_3years | New Felony/Mis Crime Arrest within 3 Years of Supervision Start | Dichotomous (0=no/1=yes) |
|----|----|----|----|
| 51 | Recidivism_Arrest_Year1 | Recidivism Arrest Occurred in Year 1 | Dichotomous (0=no/1=yes) |
| 52 | Recidivism_Arrest_Year2 | Recidivism Arrest Occurred in Year 2 | Dichotomous (0=no/1=yes) |
| 53 | Recidivism_Arrest_Year3 | Recidivism Arrest Occurred in Year 3 | Dichotomous (0=no/1=yes) |