| variable | fatalBNm\_randomForestNode | fatalBNm\_randomForestAcc | fatalBNm\_xgboost |
| --- | --- | --- | --- |
| SubjectAge.U | 1 | 2 | 1 |
| fixedNrOfficers | 4 | 7 | 2 |
| departmentFixed.New.York.Police.Department | 5 | 1 | 3 |
| departmentFixed.Chicago.Police.Department | 2 | 9 | 4 |
| departmentFixed.Albuquerque.Police.Department | 13 | 3 | 5 |
| SubjectArmed.U | 3 | 6 | 6 |
| departmentFixed.Houston.Police.Department | 21 | 112 | 7 |
| SubjectRace.B | 6 | 10 | 8 |
| SubjectAge.50.59 | 14 | 4 | 9 |
| officerRaceW | 12 | 16 | 10 |
| departmentFixed.Baltimore.Police.Department | 39 | 119 | 11 |
| officerGenderM | 9 | 13 | 12 |
| SubjectAge.60. | 19 | 15 | 13 |
| officerRaceU | 8 | 5 | 14 |
| departmentFixed.Denver.Police.Department | 41 | 98 | 15 |
| officerRaceB | 16 | 21 | 16 |
| SubjectGender.M | 10 | 8 | 17 |
| SubjectRace.W | 7 | 11 | 18 |
| departmentFixed.St..Louis.Metro.Police.Department | 23 | 14 | 19 |
| officerGenderF | 51 | 39 | 20 |
| SubjectAge.30.39 | 18 | 17 | 21 |
| day.13 | 60 | 29 | 22 |
| day.4 | 27 | 31 | 23 |
| day.19 | 61 | 105 | 24 |
| month.8 | 52 | 118 | 25 |
| SubjectGender.U | 11 | 12 | 26 |
| day.15 | 54 | 121 | 27 |
| year.2012 | 43 | 27 | 28 |
| departmentFixed.Austin.Police.Department | 26 | 18 | 29 |
| day.6 | 112 | 111 | 30 |
| day.25 | 65 | 117 | 31 |
| situation.suspicious | 28 | 48 | 32 |
| departmentFixed.San.Antonio.Police.Department | 47 | 28 | 33 |
| day.18 | 75 | 55 | 34 |
| month.9 | 40 | 125 | 35 |
| officerGenderU | 17 | 19 | 36 |
| SubjectArmed.N | 22 | 23 | 37 |
| departmentFixed.Dallas.Police.Department | 102 | 71 | 38 |
| day.14 | 62 | 83 | 39 |
| day.3 | 103 | 88 | 40 |
| departmentFixed.Los.Angeles.Police.Department | 71 | 40 | 41 |
| month.3 | 56 | 61 | 42 |
| year.2016 | 29 | 32 | 43 |
| departmentFixed.Las.Vegas.Metropolitan.Police.Department | 124 | 110 | 44 |
| day.26 | 93 | 120 | 45 |
| year.2014 | 89 | 115 | 46 |
| day.24 | 45 | 76 | 47 |
| situation.domesticViolence | 109 | 64 | 48 |
| departmentFixed.City.of.Miami.Police.Department | 107 | 104 | 49 |
| day.10 | 30 | 96 | 50 |
| departmentFixed.Miami.Dade.Police.Department | 48 | 33 | 51 |
| year.2010 | 44 | 70 | 52 |
| departmentFixed.Indianapolis.Metro.Police.Department | 68 | 86 | 53 |
| day.27 | 57 | 79 | 54 |
| month.10 | 55 | 63 | 55 |
| situation.drugs | 98 | 52 | 56 |
| month.5 | 33 | 82 | 57 |
| day.8 | 32 | 106 | 58 |
| month.11 | 50 | 59 | 59 |
| day.29 | 76 | 54 | 60 |
| departmentFixed.Memphis.Police.Department | 49 | 43 | 61 |
| officerRaceL | 24 | 30 | 62 |
| departmentFixed.Jacksonville.Police.Department | 72 | 46 | 63 |
| day.28 | 66 | 60 | 64 |
| year.2011 | 37 | 41 | 65 |
| day.31 | 90 | 95 | 66 |
| SubjectGender.F | 86 | 67 | 67 |
| situation.call | 108 | 127 | 68 |
| day.11 | 31 | 51 | 69 |
| day.23 | 59 | 69 | 70 |
| departmentFixed.Metro.Nashville.Police.Department | 91 | 77 | 71 |
| officerRaceA | 70 | 94 | 72 |
| officerRaceO | 96 | 123 | 73 |
| SubjectArmed.Y | 15 | 20 | 74 |
| SubjectAge.0.19 | 34 | 22 | 75 |
| SubjectAge.20.29 | 25 | 26 | 76 |
| SubjectAge.40.49 | 74 | 80 | 77 |
| year.2013 | 58 | 75 | 78 |
| year.2015 | 42 | 116 | 79 |
| month.1 | 88 | 62 | 80 |
| month.2 | 69 | 47 | 81 |
| month.4 | 63 | 91 | 82 |
| month.6 | 79 | 93 | 83 |
| month.7 | 53 | 97 | 84 |
| month.12 | 85 | 109 | 85 |
| day.1 | 104 | 99 | 86 |
| day.2 | 78 | 50 | 87 |
| day.5 | 106 | 108 | 88 |
| day.7 | 84 | 84 | 89 |
| day.9 | 77 | 89 | 90 |
| day.12 | 94 | 113 | 91 |
| day.16 | 80 | 37 | 92 |
| day.17 | 82 | 90 | 93 |
| day.20 | 101 | 68 | 94 |
| day.21 | 105 | 103 | 95 |
| day.22 | 87 | 107 | 96 |
| day.30 | 38 | 38 | 97 |
| departmentFixed.Boston.Police.Department | 126 | 72 | 98 |
| departmentFixed.Columbus.Police.Department | 46 | 124 | 99 |
| departmentFixed.DeKalb.County.Police.Department | 100 | 102 | 100 |
| departmentFixed.El.Paso.Police.Department | 116 | 81 | 101 |
| departmentFixed.Fairfax.County.Police.Department | 127 | 73 | 102 |
| departmentFixed.Fort.Worth.Police.Department | 119 | 44 | 103 |
| departmentFixed.Kansas.City.Police.Department | 118 | 65 | 104 |
| departmentFixed.Louisville.Metro.Police.Department | 99 | 92 | 105 |
| departmentFixed.Milwaukee.Police.Department | 120 | 49 | 106 |
| departmentFixed.New.Orleans.Police.Department | 113 | 114 | 107 |
| departmentFixed.Phoenix.Police.Department | 35 | 58 | 108 |
| departmentFixed.Portland.Police.Bureau | 92 | 66 | 109 |
| departmentFixed.Prince.George.s.County.Police.Department | 73 | 57 | 110 |
| departmentFixed.San.Diego.Police.Department | 83 | 122 | 111 |
| departmentFixed.San.Francisco.Police.Department | 125 | 74 | 112 |
| departmentFixed.San.Jose.Police.Department | 121 | 126 | 113 |
| departmentFixed.Seattle.Police.Department | 111 | 35 | 114 |
| departmentFixed.Tampa.Police.Department | 123 | 85 | 115 |
| departmentFixed.Tucson.Police.Department | 36 | 34 | 116 |
| situation.crime | 122 | 100 | 117 |
| situation.mentalhealth | 64 | 42 | 118 |
| situation.misc. | 20 | 24 | 119 |
| situation.offduty | 117 | 36 | 120 |
| situation.robbery | 97 | 53 | 121 |
| situation.shooting | 114 | 87 | 122 |
| situation.stolenvehicle | 81 | 25 | 123 |
| situation.suicide | 95 | 56 | 124 |
| situation.suspect | 115 | 101 | 125 |
| situation.traffic | 110 | 78 | 126 |
| situation.weapon | 67 | 45 | 127 |