

Windfire Analysis in U.S.

Data Science as a Field - CU Boulder

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0.8 Gb

Table 1: The related-variables in our data set.

Related-Variable	Description
FOD_ID	Global unique identifier
FPA_ID	Unique identifier that contains information necessary to track back to the original record in the source dataset.
SOURCE_SYSTEM_TYPE	Type of source database or system that the record was drawn from (federal, nonfederal, or interagency).
SOURCE_SYSTEM	Insignificance
NWCG_REPORTING_AGENCY	Insignificance
NWCG_REPORTING_UNIT_ID	Active National Wildlife Coordinating Group Unit Name for the unit preparing the fire report
NWCG_REPORTING_UNIT_NAME	Insignificance
SOURCE_REPORTING_UNIT	Insignificance
SOURCE_REPORTING_UNIT_NAME	Insignificance
LOCAL_FIRE_REPORT_ID	Insignificance
LOCAL_INCIDENT_ID	Insignificance
FIRE_CODE	Name of the incident from the fire report
FIRE_NAME	Insignificance
ICS_209_PLUS_INCIDENT_JOIN_ID	Insignificance
ICS_209_PLUS_COMPLEX_JOIN_ID	Insignificance
MTBS_ID	Insignificance

Table 1: The related-variables in our data set. (*continued*)

Related-Variable	Description
MTBS_FIRE_NAME	Insignificance
COMPLEX_NAME	Calendar year in which the fire was discovered or confirmed to exist.
FIRE_YEAR	Date on which the fire was discovered or confirmed to exist.
DISCOVERY_DATE	Day of year on which the fire was discovered or confirmed to exist.
DISCOVERY_DOY	Time of day that the fire was discovered or confirmed to exist.
DISCOVERY_TIME	Code for the (statistical) cause of the fire.
NWCG_CAUSE_CLASSIFICATION	Description of the (statistical) cause of the fire.
NWCG_GENERAL_CAUSE	Insignificance
NWCG_CAUSE_AGE_CATEGORY	Date on which the fire was declared contained or otherwise controlled (mm/dd/yyyy where mm=month, dd=day, and yyyy=year).
CONT_DATE	Day of year on which the fire was declared contained or otherwise controlled.
CONT_DOY	Time of day that the fire was declared contained or otherwise controlled (hhmm where hh=hour, mm=minutes).
CONT_TIME	Estimate of acres within the final perimeter of the fire.
FIRE_SIZE	Code for fire size based on the number of acres within the final fire perimeter expenditures (A=greater than 0 but less than or equal to 0.25 acres, B=0.26-9.9 acres, C=10.0-99.9 acres, D=100-299 acres, E=300 to 999 acres, F=1000 to 4999 acres, and G=5000+ acres).
FIRE_SIZE_CLASS	Latitude (NAD83) for point location of the fire (decimal degrees).
LATITUDE	Longitude (NAD83) for point location of the fire (decimal degrees).
LONGITUDE	Insignificance
OWNER_DESCR	Two-letter alphabetic code for the state in which the fire burned (or originated), based on the nominal designation in the fire report.
STATE	County, or equivalent, in which the fire burned (or originated), based on nominal designation in the fire report.

Table 1: The related-variables in our data set. (*continued*)

Related-Variable	Description
COUNTY	Insignificance
FIPS_CODE	Insignificance
FIPS_NAME	Global unique identifier

Contents

1	Introduction	5
1.1	Motivation	5
1.2	Related Applications	5
1.3	Observations and Questions	5
2	Design of Data and Methodology	6
2.1	Data Resource and Explanation of Variables	6
2.2	Preparing the Data	6
3	Exploration	7
3.1	Title 1	7
3.2	Title 2	8
3.3	Title 3	9
4	Result and Discussion	10
4.1	Title 1	10
4.2	Title 2	11
4.3	Title 3	12
4.4	Title 4	13
5	Problems Tackled and Conclusion	14
6	References	15

List of Figures

1 Introduction

1.1 Motivation

1.2 Related Applications

1.3 Observations and Questions

2 Design of Data and Methodology

2.1 Data Resource and Explanation of Variables

2.2 Preparing the Data

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3.1 Title 1

3.2 Title 2

3.3 Title 3

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4.1 Title 1

4.2 Title 2

4.3 Title 3

4.4 Title 4

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6 References