CODEBOOK FOR STCS_6.SAS7BDAT
(Induced-exposure crashes from 13 State files, with national weights)

Observations: 2,478,776
Variables: 49

Alphabetic List of Variables

ABS – Antilock brake system (4-wheel)       Type: Numeric8
   0   Not ABS-equipped
   .01-.99 proportion of vehicles with ABS (optional but cannot be identified for an individual vehicle from the 1st 12 digits of its VIN)
   1   ABS-equipped

AWD – All-wheel-drive or 4-wheel-drive       Type: Numeric8
   0   FWD or RWD – i.e., not equipped with AWD or 4-wheel-drive
   .01-.99 proportion of vehicles with AWD or 4-wheel-drive (optional but cannot be identified from 1st 12 digits of VIN)
   1   equipped with AWD or 4-wheel-drive

BLOCKER – Voluntary vehicle-to-vehicle compatibility certification      Type: Numeric8
   0   Not certified (or not a pickup truck or SUV)
   1   Certified, Option 1 (bumper height overlap with passenger cars)
   2   Certified, Option 2 (“blocker beam” or other secondary energy-absorbing structure)

BOD2 – Passenger car body type        Type: Numeric8
   0   Not a passenger car
   1   2-door convertible
   2   2-door coupe or sedan
   3   3-door hatchback
   4   4-door sedan
   5   5-door hatchback
   6   Station wagon

CG – Car group      Type: Numeric8
1303-64005 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes

CGP – Car group codes for merging with Polk data      Type: Numeric8
1303-64005 Download 10Formats2007.sas, CarGroup2007.docx, or LTVGroup2007.docx for valid codes
COMBO – Side air bag with torso/head protection (“combination” bag)  Type: Numeric8
0     Not equipped with combo bags
.01-.99 proportion of vehicles with combo bags (optional but cannot be identified from 1st 12 digits of VIN)
.75     Combo bag for driver only
1     Combo bags for driver and RF passenger (Note: a combo bag is a single bag that protects the head and torso; separate curtains and torso bags are coded CURTAIN=1, TORSO=1, COMBO=0)

CURBWT – Curb weight (pounds)  Type: Numeric8
1799 – 7520 Curb weight in pounds

CURTAIN – Head curtain air bags for front-seat occupants  Type: Numeric8
0     Not equipped with head curtain bags
.01-.99 proportion of vehicles with curtain bags (optional but cannot be identified from 1st 12 digits of VIN)
1     Head curtains for driver and RF passenger

CY – Calendar year  Type: Numeric8
2002 – 2008 Calendar year in which the crash occurred

DRVAGE – Driver age  Type: Numeric8
14 – 96 Age of the driver (unknown or out-of-range excluded)

DRVMALE – Male driver  Type: Numeric8
0     Female driver
1     Male driver (non-reported gender excluded)

DUMMY – “Dummy” induced-exposure case  Type: Numeric8
0     Original induced-exposure case, same MY and CY as the case vehicle
1     No original case available, used a case of the same make-model and MY, but different CY
2     No original case available, used a case of the same make-model, but different MY and CY

ESC – Electronic stability control  Type: Numeric8
0     Not ESC-equipped
.01-.99 proportion of vehicles with ESC (optional but cannot be identified for an individual vehicle from the 1st 12 digits of its VIN)
1     ESC-equipped

FOOTPRNT – Footprint (square feet)  Type: Numeric8
34.6 – 81.0 Footprint in square feet (TRAKWDTH X WB_MIN converted to square feet)
GE10 – GVWR ≥ 10,000 pounds  Type: Numeric8
0   GVWR (gross vehicle weight rating) < 10,000 pounds
1   GVWR ≥ 10,000 pounds

HIFAT_ST – High-fatality-rate State      Type: Numeric8
0   One of the 26 States with < 160 crash fatalities per million vehicle registration years in 2002-2008
1   One of the 24 States with > 160 crash fatalities per million vehicle registration years in 2002-2008

MAK2 – Vehicle Make                      Type: Numeric8
2   Jeep
3   Hummer
6   Chrysler
7   Dodge
9   Plymouth
11  Sprinter
12  Ford
13  Lincoln
14  Mercury
18  Buick
19  Cadillac
20  Chevrolet
21  Oldsmobile
22  Pontiac
23  GMC
24  Saturn
30  Volkswagen
32  Audi
33  Mini-Cooper
34  BMW
35  Nissan
37  Honda
38  Isuzu
39  Jaguar
41  Mazda
42  Mercedes-Benz
45  Porsche
47  Saab
48  Subaru
49  Toyota (including Scion)
51  Volvo
52  Mitsubishi
53  Suzuki
54  Acura
55  Hyundai
58  Infiniti
59  Lexus
62  Land-Rover
63  Kia
64  Daewoo

MM2 – Make-model               Type: Numeric8

MMP – Make-model codes for merging with Polk data       Type: Numeric8

MY – Model year                  Type: Numeric8
2000 – 2007  Model year of the case vehicle

NITE – Time of day when the crash occurred       Type: Numeric8
0  6:00 a.m. to 6:59 p.m.
   .01-.99  In 2002-2006 Alabama data, estimated probability that the crash occurred from 7:00 p.m. to 5:59 a.m., depending on light condition and month (as inferred from case number)
1  7:00 p.m. to 5:59 a.m.

PASSIVE – Frontal air bags               Type: Numeric8
0  Not equipped with frontal air bags
2  Dual frontal air bags
3  Dual frontal air bags with a manual on-off switch for the RF passenger
9  Unknown if equipped and/or what type

RDSUR – Road surface condition            Type: Numeric8
0  Dry
1  Wet, muddy, or oily
2  Snow, ice, or slush
9  Unknown

REGWTFA – Registration-year weight factor      Type: Numeric8
0 – 18437  Weight factor; share of the nation’s vehicle registration years allocated to this induced-exposure case

ROLLCURT – Head curtain air bags designed to deploy in rollovers       Type: Numeric8
0  Not equipped with rollover curtain bags
   .01-.99  proportion of vehicles with rollover curtain bags (optional but cannot be identified from 1st 12 digits of VIN)
1  Rollover curtains for driver and RF passenger (Note: CURTAIN should also be coded 1)
RURAL – County population density
0 Crash occurred in a county with ≥ 250 inhabitants per square mile in the 2000 census
1 Crash occurred in a county with < 250 inhabitants per square mile

SPDLIM55 – Speed limit 55+
0 Speed limit < 55 mph or not reported, for all roadways involved in the crash
1 Speed limit ≥ 55 mph for at least one roadway involved in the crash

SQUADCAR – Police model
0 Not a Ford Crown Victoria or Chevrolet Impala “police” model and not a 2004-2005 Chevrolet Impala SS
1 Ford Crown Victoria or Chevrolet Impala “police” model or 2004-2005 Chevrolet Impala SS

STATE – State where the crash occurred
1 Alabama
12 Florida
20 Kansas
21 Kentucky
24 Maryland
26 Michigan
29 Missouri
34 New Jersey
42 Pennsylvania
53 Washington State
55 Wisconsin
56 Wyoming

TORSO – Side air bag with torso protection
0 Not equipped with torso bags
.01-.99 proportion of vehicles with torso bags (optional but cannot be identified from 1st 12 digits of VIN)
.25 Torso bag for RF passenger only
1 Torso bags for driver and RF passenger

TRAKWDTH – Track width (inches, average of front and rear wheels)
54 – 72.65 Average of front and rear track width, in inches

TW_F – Track width, front wheels (inches)
54.5 – 71.6 Front track width, in inches

TW_R – Track width, rear wheels (inches)
52.2 – 75.8 Rear track width, in inches

V1 – 1st character of the VIN
Type: Character1
<table>
<thead>
<tr>
<th>Character</th>
<th>Description</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2</td>
<td>2nd character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V3</td>
<td>3rd character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V4</td>
<td>4th character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V5</td>
<td>5th character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V6</td>
<td>6th character of the VIN</td>
<td>Character1</td>
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<tr>
<td>V7</td>
<td>7th character of the VIN</td>
<td>Character1</td>
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<tr>
<td>V8</td>
<td>8th character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V11</td>
<td>11th character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>V12</td>
<td>12th character of the VIN</td>
<td>Character1</td>
</tr>
<tr>
<td>VEHAGE</td>
<td>Vehicle age in years (CY – MY)</td>
<td>Numeric8</td>
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<tr>
<td></td>
<td>0 – 8 Age of the case vehicle (years)</td>
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<tr>
<td>VMTWTFA</td>
<td>VMT weight factor</td>
<td>Numeric8</td>
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<tr>
<td></td>
<td>0 – 223,502,857 Weight factor; share of the nation’s VMT allocated to this induced-exposure case</td>
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<tr>
<td>VTYP</td>
<td>Case vehicle type</td>
<td>Numeric8</td>
</tr>
<tr>
<td>1</td>
<td>Passenger car, 2 doors</td>
<td></td>
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<tr>
<td>2</td>
<td>Passenger car, 4 doors</td>
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</tr>
<tr>
<td>3</td>
<td>Pickup truck, light duty (compact or 150-series)</td>
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</tr>
<tr>
<td>4</td>
<td>Pickup truck, heavy duty (250- or 350-series)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>SUV, truck-based</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CUV (crossover SUV)</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Minivan, except Chevrolet Astro or GMC Safari</td>
<td></td>
</tr>
<tr>
<td>7.1</td>
<td>Chevrolet Astro or GMC Safari</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Full-sized van</td>
<td></td>
</tr>
<tr>
<td>WB_MAX</td>
<td>Maximum wheelbase (inches, for selected pickup trucks)</td>
<td>Numeric8</td>
</tr>
<tr>
<td></td>
<td>117.5 – 172.4 Maximum wheelbase for pickup trucks that can have 2 or more bed lengths for the same 12-character VIN (left blank for all other vehicles and not used in computing footprint)</td>
<td></td>
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<tr>
<td>WB_MIN</td>
<td>Wheelbase (inches)</td>
<td>Numeric8</td>
</tr>
<tr>
<td></td>
<td>86.6 – 170.3 Wheelbase (and if this is a pickup truck, wheelbase for the shortest bed available for this 12-character VIN)</td>
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</table>