Get dataset

Variables

* Intent
* Perpetrator
* Body part: head, face (mouth- teeth/tongue, nose), eyeball, ear, neck, scalp
* Type of injury (p287):

Goals:

* Types of injury in proportion (e.g. most common?)
* Pattern across time: 2005 onward

# Variable selection

* LOC\_C & ~~LOCG\_C~~
  + Difference: LOC\_C has two more categories – “public” and “industry”

Graphical user interface, application, table

Description automatically generated Table

Description automatically generated

* AGE\_C & ~~AGEYR\_C & AGEG4\_C & AGEG6\_C~~
* What do Group 18 and 12 mean?

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Table

Description automatically generated with medium confidence

* BDYPT ~~& BDYPTG\_C~~

Table

Description automatically generatedTable

Description automatically generated with medium confidence Table

Description automatically generated

* ~~INJURY\_C~~: only 1 level, no useful info
* ~~RACE2\_C &~~ RACETH\_C: the latter is more comprehensive

Table

Description automatically generated

* ~~INTENT &~~ INTENT\_C: latter is slightly more detailed (assault vs sexual/other assault)

Table

Description automatically generatedTable

Description automatically generatedGraphical user interface, table

Description automatically generated

* PCAUSE\_C & ICAUSE\_C: differences mostly about “fall”, which isn’t very relevant to our study
  + Might delete both later
  + filter(d\_2012, PCAUSE\_C != ICAUSE\_C) %>% select(PCAUSE\_C, ICAUSE\_C) %>% View()
* ~~TRAF\_MVO~~: TRAFFIC-RELATED MOTOR VEH OCCUPANT
* INTCAU\_C - INTENT\_C/PCAUSE\_C COMPOSITE (?)
  + Not sure what additional value this provides compare to one of the “CAUSE” columns
  + Might delete later
* ~~INTCAU\_T~~:INTCAU\_C UN-TRANSPORTATION
* WEIGHT & WEIGHTA: read more about them
* hospital stratum (STRATUM), primary sampling unit (PSU) and sample weight (WEIGHT for the 6-month weight, WEIGHTA for the annualized weight)

[1] "NEK" "TRAFFIC" "PSU" "WEIGHT" "BDYPT" "DIAG" "DISP" "FMV"

[9] "INTENT" "OCCUPANT" "PERP" "REASON" "SEX" "STRATUM" "TRDATE" "AGE\_C"

[17] "LOC\_C" "HISP\_C" "TRMON\_C" "TRDAY\_C" "AGEYR\_C" "AGEG4\_C" "AGEG6\_C" "BDYPTG\_C"

[25] "INJURY\_C" "LOCG\_C" "RACE2\_C" "RACETH\_C" "VIOLEN\_C" "INTENT\_C" "PCAUSE\_C" "ICAUSE\_C"

[33] ~~"SPORTS" "SPORTS\_I" "SP\_AMUSE" "SP\_ATV" "SP\_BASEB" "SP\_BASKB" "SP\_BICYC" "SP\_BILLI"~~

~~[41] "SP\_BOWL" "SP\_CAMPG" "SP\_CMBAT" "SP\_EXERC" "SP\_FISHG" "SP\_FOOTB" "SP\_GCART" "SP\_GOLF"~~

~~[49] "SP\_GYMNA" "SP\_HOCKY" "SP\_HORSE" "SP\_MBALL" "SP\_MOPED" "SP\_NPGUN" "SP\_OTHER" "SP\_PLAYG"~~

~~[57] "SP\_PWATR" "SP\_RACQ" "SP\_SCOOT" "SP\_SKATB" "SP\_SKATI" "SP\_SKATL" "SP\_SKATO" "SP\_SNOWM"~~

~~[65] "SP\_SOCCR" "SP\_SOFTB" "SP\_SSKI" "SP\_SWIM" "SP\_TOBOG" "SP\_TRACK" "SP\_TRAMP" "SP\_VOLLY"~~

~~[73] "SP\_WSKI"~~ "TRAF\_MVO" "INTCAU\_C" "INTCAU\_T" "WEIGHTA"

# Level selection

(01) Spouse/partner ~~(02) Parent (03) Oth relative (04) Unrel caregiver (05) Friend/acquaint~~

~~(06) Off authorities (07) Mult perps (08) Stranger (88) Oth specified (99) UNK unspec~~

“Injuries due to domestic violence were identified by the NEISS AIP codes INTENT\_C = 1 (sexual assault) or 2 (other assault) and PERP = 1 (spouse/partner). Sexual assault was included as it clearly is a form of IPV and could result in a fracture.”

BODY PARTS selection: double check the highlighted ones

(00) ~~Internal~~ (30) ~~Shoulder~~ (31) ~~Upper trunk~~ (32) ~~Elbow~~

~~(33) Lower arm (34) Wrist (35) Knee (36) Lower leg~~

~~(37) Ankle (38) Pubic region~~ (75) Head (76) Face

(77) Eyeball ~~(79) Lower trunk (80) Upper arm (81) Upper leg~~

~~(82) Hand (83) Foot~~ (84) ~~25-50 percent body~~ (85) ~~All parts body~~

~~(87) UNK/NS~~ (88) Mouth (89) Neck ~~(92) Finger~~

~~(93) Toe~~ (94) Ear

REASON: include everything?

(1) Altercation (2) Robbery/burglary (3) Drug-related (4) Sexual assault

(5) Gang-related (8) Oth specified (9) UNK unspec