Sandbox

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The data

```r
library(tidyverse)
```

For starters

```r
df <- read.csv("data/all.csv", stringsAsFactors = FALSE)
df$Damage <- gsub(".*\\((\\d+)\\).*", "\\1", df$Damage)
df$Damage <- gsub("(\\d+)\\s*\\((\\d+)\\)", "pmax(\\1, \\2)", df$Damage)
df$Damage <- gsub("(\\d+)\\*(\\d+)", "\\1+\\2", df$Damage)
df$Damage <- gsub("(\\d+)x(\\d+)", "\\1*\\2", df$Damage)
df$Damage <- sapply(df$Damage, function(x) eval(parse(text = x)))
df$Damage <- as.numeric(df$Damage)
df$Stun <- gsub(".*\\((\\d+)\\).*", "\\1", df$Stun)
df$Stun <- gsub("(\\d+)\\s*\\((\\d+)\\)", "pmax(\\1, \\2)", df$Stun)
df$Stun <- gsub("(\\d+)\\*(\\d+)", "\\1+\\2", df$Stun)
df$Stun <- gsub("(\\d+)x(\\d+)", "\\1*\\2", df$Stun)
df$Stun <- sapply(df$Stun, function(x) eval(parse(text = x)))
df$Stun <- as.numeric(df$Stun)
na_rows <- df[!complete.cases(df), ]
na_rows
```

```
##  [1] Character  Move       onBlock    plnCmd     airmove    followUp
##  [7] projectile moveType   health     stun       vgauge1    vgauge2
## [13] fDash      bDash      fWalk      bWalk      throwHurt  throwRange
## [19] Damage     Stun
## <0 rows> (or 0-length row.names)
```

```r
# df$Damage %>%
#   tibble() %>%
#   print(n = Inf)
# df$Stun %>%
#   tibble() %>%
#   print(n = Inf)
# write.csv(data, "data/all.csv", row.names = FALSE)
```

KDE