SummaryTables

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train\_2010 <- read.csv("data/train.csv")  
test\_2013 = read.csv("data/test.csv")  
  
d.summary.extended = train\_2010 %>% select(-X) %>% psych::describe() %>% tibble::rownames\_to\_column() %>% tibble::as\_tibble()   
  
  
d.summary <- d.summary.extended %>%  
 select(var=rowname, mean, median, sd,min, max) %>% as.data.frame()  
print(d.summary)

## var mean median sd  
## 1 clust\_L12raincytot 9.945137e+02 993.92694000 190.4336578  
## 2 clust\_L12day1rain 4.551432e+01 43.00000000 11.2298403  
## 3 clust\_L12maxdays 2.117708e+01 20.00000000 6.5479792  
## 4 clust\_floodmax 5.203030e+00 0.00000000 32.9188903  
## 5 clust\_cells\_own 6.049991e-01 0.43750000 0.5996717  
## 6 clust\_price 3.492164e+00 3.49529480 0.2691100  
## 7 clust\_thinn 6.321841e-01 0.63281250 0.3156056  
## 8 clust\_roof 3.592332e-01 0.25000000 0.2906491  
## 9 clust\_hhsize 4.597321e+00 4.56250000 0.6908953  
## 10 clust\_hh\_age 4.216826e+01 42.06250000 4.6425737  
## 11 clust\_hh\_gender 1.239379e+00 1.25000000 0.1225880  
## 12 clust\_asset 4.972287e-05 0.01435553 0.3461842  
## 13 clust\_dist\_road 8.365699e+00 4.35812495 10.1542879  
## 14 clust\_dist\_admarc 8.057722e+00 6.55906250 5.7724743  
## 15 clust\_percent\_ag 3.631645e-01 0.48750001 0.2512422  
## 16 clust\_nutri\_reten\_constrained 2.986762e-01 0.00000000 0.4473899  
## 17 clust\_elevation 8.675152e+02 897.28125000 349.2368903  
## 18 clust\_logFCS 3.821598e+00 3.81069205 0.2117211  
## 19 clust\_RCSI 3.679364e+00 2.87500000 3.0450853  
## 20 clust\_HDDS 5.184797e+00 5.18750000 0.6989950  
## 21 ipc\_lag1 1.175272e+00 1.00000000 0.4276020  
## 22 ipc\_lag12 1.065858e+00 1.00000000 0.2482487  
## min max  
## 1 510.1726100 1580.300200  
## 2 1.0000000 80.000000  
## 3 8.0000000 48.000000  
## 4 0.0000000 341.290410  
## 5 0.0000000 4.125000  
## 6 2.8877294 5.192957  
## 7 0.0000000 1.000000  
## 8 0.0000000 1.000000  
## 9 2.3125000 7.187500  
## 10 30.8125000 56.375000  
## 11 1.0000000 1.687500  
## 12 -0.8282350 1.048822  
## 13 0.0700000 56.188126  
## 14 0.3769231 37.320000  
## 15 0.0000000 1.000000  
## 16 0.0000000 1.000000  
## 17 44.4000020 1727.066700  
## 18 3.1962385 4.521801  
## 19 0.0000000 17.250000  
## 20 3.0000000 6.750000  
## 21 1.0000000 3.000000  
## 22 1.0000000 2.000000

d.summary.extended2 = test\_2013 %>% select(-X) %>% psych::describe() %>% tibble::rownames\_to\_column() %>% tibble::as\_tibble()   
  
  
d.summary2 <- d.summary.extended2 %>%  
 select(var=rowname, mean, median, sd,min, max) %>% as.data.frame()  
print(d.summary2)

## var mean median sd  
## 1 clust\_L12raincytot 945.90076525 909.7621150 161.42989218  
## 2 clust\_L12day1rain 48.41666667 53.0000000 15.17510006  
## 3 clust\_L12maxdays 23.50000000 24.0000000 6.39696665  
## 4 clust\_floodmax 1.04472641 0.0000000 5.79468332  
## 5 clust\_cells\_own 0.93782299 0.7029412 0.71072366  
## 6 clust\_price 4.56827898 4.5548146 0.14060442  
## 7 clust\_thinn 0.42945983 0.3620111 0.33483318  
## 8 clust\_roof 0.45897514 0.4000000 0.27429000  
## 9 clust\_hhsize 4.99531935 4.8947368 0.71665531  
## 10 clust\_hh\_age 42.56675638 42.3684200 4.06074443  
## 11 clust\_hh\_gender 1.23112628 1.2222222 0.10375208  
## 12 clust\_asset -0.01539236 -0.3008158 0.54286062  
## 13 clust\_dist\_road 7.67074681 4.1825397 8.39582612  
## 14 clust\_dist\_admarc 7.80886525 6.2356980 5.04478251  
## 15 clust\_percent\_ag 0.04869249 0.0000000 0.08837718  
## 16 clust\_nutri\_reten\_constrained 0.27170850 0.0500000 0.38706105  
## 17 clust\_elevation 935.22679608 1019.5789500 286.46652860  
## 18 clust\_logFCS 3.86064960 3.8538536 0.18615182  
## 19 clust\_RCSI 4.26129077 3.7010870 2.65684055  
## 20 clust\_HDDS 5.55510941 5.5500002 0.57001740  
## 21 ipc\_lag1 1.07462687 1.0000000 0.28178535  
## 22 ipc\_lag12 1.03797468 1.0000000 0.19174279  
## min max  
## 1 594.99268000 1527.7244000  
## 2 6.00000000 79.0000000  
## 3 11.00000000 31.0000000  
## 4 0.00000000 53.2378540  
## 5 0.04545455 4.4000001  
## 6 4.20016430 4.9178119  
## 7 0.00000000 1.0000000  
## 8 0.00000000 1.0000000  
## 9 3.57894730 7.5263157  
## 10 33.62500000 56.1875000  
## 11 1.00000000 1.5000000  
## 12 -0.30081677 2.9419682  
## 13 0.05555556 44.6818200  
## 14 1.20000000 32.8888890  
## 15 0.00000000 0.5578948  
## 16 0.00000000 1.0000000  
## 17 117.05882000 1551.2500000  
## 18 3.42443420 4.4301381  
## 19 0.00000000 16.2777790  
## 20 4.09523820 6.8571429  
## 21 1.00000000 3.0000000  
## 22 1.00000000 2.0000000