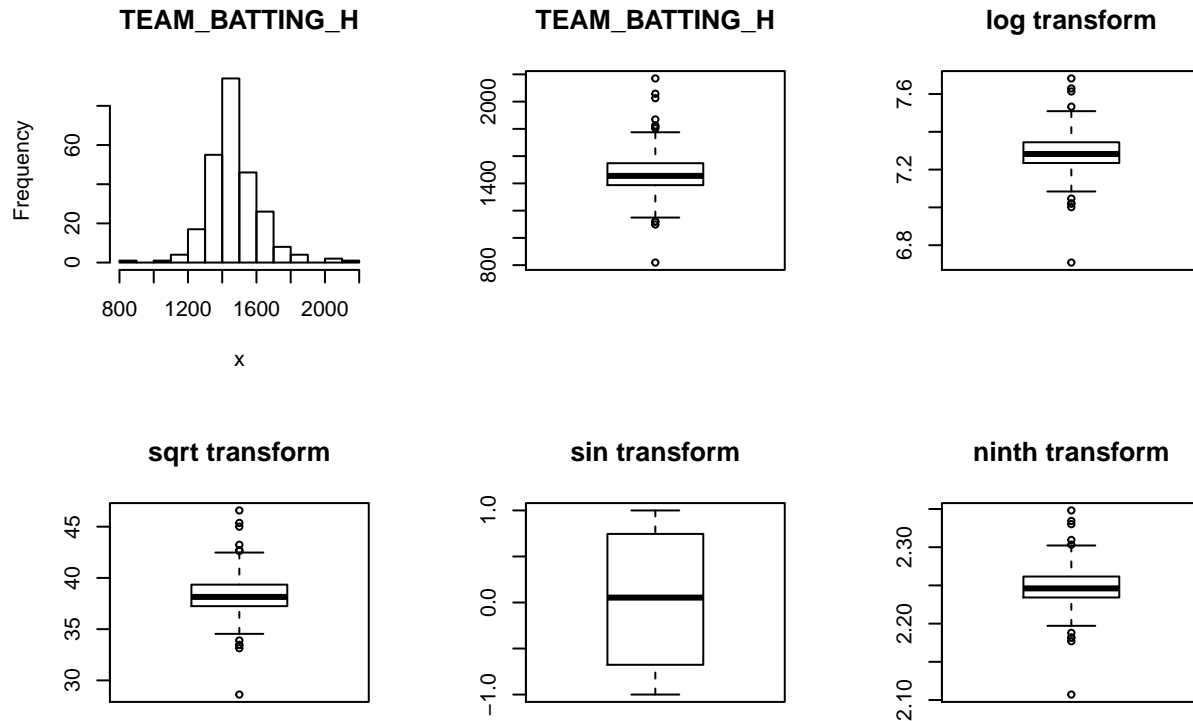


Home Work Assignment - 01 - Test/ Evaluation Data

Critical Thinking Group 5

Contents



##	TEAM_BATTING_H	TEAM_BATTING_2B	TEAM_BATTING_3B	TEAM_BATTING_HR
## 1	1209	170	33	83
## 2	1221	151	29	88
## 3	1395	183	29	93
## 4	1539	309	29	159
## 5	1445	203	68	5
## 6	1431	236	53	10
##	TEAM_BATTING_BB	TEAM_BATTING_SO	TEAM_BASERUN_SB	TEAM_BASERUN_CS
## 1	447	1080	62	50
## 2	516	929	54	39
## 3	509	816	59	47
## 4	486	914	148	57
## 5	95	416	NA	NA
## 6	215	377	NA	NA
##	TEAM_BATTING_HBP	TEAM_PITCHING_H	TEAM_PITCHING_HR	TEAM_PITCHING_BB
## 1	NA	1209	83	447
## 2	NA	1221	88	516
## 3	NA	1395	93	509

## 4	42	1539	159	486
## 5	NA	3902	14	257
## 6	NA	2793	20	420
##	TEAM_PITCHING_SO	TEAM_FIELDING_E	TEAM_FIELDING_DP	TEAM_BATTING_H_NEW
## 1	1080	140	156	1209
## 2	929	135	164	1221
## 3	816	156	153	1395
## 4	914	124	154	1539
## 5	1123	616	130	1445
## 6	736	572	105	1431
##	TEAM_BATTING_2B_NEW	TEAM_BATTING_3B_NEW	TEAM_BATTING_BB_NEW	
## 1	170	33	447.0	
## 2	151	29	516.0	
## 3	183	29	509.0	
## 4	309	29	486.0	
## 5	203	68	299.9	
## 6	236	53	299.9	
##	TEAM_BASERUN_SB_NEW	TEAM_FIELDING_E_NEW	TEAM_FIELDING_DP_NEW	
## 1	62.0000	140.0	156	
## 2	54.0000	135.0	164	
## 3	59.0000	156.0	153	
## 4	148.0000	124.0	154	
## 5	120.2398	660.2	130	
## 6	120.2398	660.2	105	
##	TEAM_PITCHING_BB_NEW	TEAM_PITCHING_H_NEW	TEAM_PITCHING_HR_NEW	
## 1	447.0	1209.0	83	
## 2	516.0	1221.0	88	
## 3	509.0	1395.0	93	
## 4	486.0	1539.0	159	
## 5	384.4	2384.8	14	
## 6	420.0	2384.8	20	
##	TEAM_PITCHING_SO_NEW	TEAM_BATTING_H_SIN	TEAM_BATTING_2B_SIN	
## 1	1080	0.4909428	0.3466495	
## 2	929	0.8817420	0.2021499	
## 3	816	0.1324713	0.7086804	
## 4	914	-0.3712921	0.9018014	
## 5	1123	-0.1322322	0.9333097	
## 6	736	-0.9999897	-0.3714321	
##	TEAM_BATTING_3B_SIN	TEAM_BATTING_BB_SIN	TEAM_BASERUN_SB_SIN	
## 1	0.9999119	0.77948495	-0.7391807	
## 2	-0.6636339	0.70242924	-0.5587890	
## 3	-0.6636339	0.06195042	0.6367380	
## 4	-0.6636339	0.81158578	-0.3383334	
## 5	-0.8979277	0.68326171	NA	
## 6	0.3959252	0.98024562	NA	
##	TEAM_FIELDING_E_SIN	TEAM_FIELDING_DP_SIN	TEAM_PITCHING_BB_SIN	
## 1	0.98023966	-0.88178462	0.77948495	
## 2	0.08836869	0.59493278	0.70242924	
## 3	-0.88178462	0.80640058	0.06195042	
## 4	-0.99568699	-0.06192034	0.81158578	
## 5	0.24531043	-0.93010595	-0.57335717	
## 6	0.22811096	-0.97053528	-0.82681172	
##	TEAM_PITCHING_H_SIN	TEAM_PITCHING_HR_SIN	TEAM_PITCHING_SO_SIN	
## 1	0.4909428	0.9683645	-0.6502191	

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## 2      0.8817420      0.0353983      -0.7903778
## 3      0.1324713      -0.9482821      -0.7271011
## 4     -0.3712921      0.9395197      0.2020613
## 5      0.1414483      0.9906074      -0.9928834
## 6     -0.1238124      0.9129453      0.7625975
## TEAM_BATTING_SO_NEW TEAM_BATTING_HBP_Missing TEAM_BASERUN_CS_Missing
## 1      1080      0      1
## 2      929      0      1
## 3      816      0      1
## 4      914      1      1
## 5      416      0      0
## 6      377      0      0
## Hits_R Walks_R HomeRuns_R Strikeout_R TEAM_BATTING_EB
## 1 1.0000000 1.0000000 1.0000000 1.0000000 286
## 2 1.0000000 1.0000000 1.0000000 1.0000000 268
## 3 1.0000000 1.0000000 1.0000000 1.0000000 305
## 4 1.0000000 1.0000000 1.0000000 1.0000000 497
## 5 0.3703229 0.3696498 0.3571429 0.3704363 276
## 6 0.5123523 0.5119048 0.5000000 0.5122283 299
## TEAM_BATTING_1B
## 1      923
## 2      953
## 3     1090
## 4     1042
## 5     1169
## 6     1132

## TEAM_BATTING_H TEAM_BATTING_2B TEAM_BATTING_3B TEAM_BATTING_HR
## Min. : 819 Min. : 44.0 Min. : 14.00 Min. : 0.00
## 1st Qu.:1387 1st Qu.:210.0 1st Qu.: 35.00 1st Qu.: 44.50
## Median :1455 Median :239.0 Median : 52.00 Median :101.00
## Mean :1469 Mean :241.3 Mean : 55.91 Mean : 95.63
## 3rd Qu.:1548 3rd Qu.:278.5 3rd Qu.: 72.00 3rd Qu.:135.50
## Max. :2170 Max. :376.0 Max. :155.00 Max. :242.00
##
## TEAM_BATTING_BB TEAM_BATTING_SO TEAM_BASERUN_SB TEAM_BASERUN_CS
## Min. : 15.0 Min. : 0.0 Min. : 0.0 Min. : 0.00
## 1st Qu.:436.5 1st Qu.: 545.0 1st Qu.: 59.0 1st Qu.: 38.00
## Median :509.0 Median : 686.0 Median : 92.0 Median : 49.50
## Mean :499.0 Mean : 709.3 Mean :123.7 Mean : 52.32
## 3rd Qu.:565.5 3rd Qu.: 912.0 3rd Qu.:151.8 3rd Qu.: 63.00
## Max. :792.0 Max. :1268.0 Max. :580.0 Max. :154.00
## NA's :18 NA's :13 NA's :87
## TEAM_BATTING_HBP TEAM_PITCHING_H TEAM_PITCHING_HR TEAM_PITCHING_BB
## Min. :42.00 Min. : 1155 Min. : 0.0 Min. : 136.0
## 1st Qu.:53.50 1st Qu.: 1426 1st Qu.: 52.0 1st Qu.: 471.0
## Median :62.00 Median : 1515 Median :104.0 Median : 526.0
## Mean :62.37 Mean : 1813 Mean :102.1 Mean : 552.4
## 3rd Qu.:67.50 3rd Qu.: 1681 3rd Qu.:142.5 3rd Qu.: 606.5
## Max. :96.00 Max. :22768 Max. :336.0 Max. :2008.0
## NA's :240
## TEAM_PITCHING_SO TEAM_FIELDING_E TEAM_FIELDING_DP TEAM_BATTING_H_NEW
## Min. : 0.0 Min. : 73.0 Min. : 69.0 Min. :1149
## 1st Qu.: 613.0 1st Qu.: 131.0 1st Qu.:131.0 1st Qu.:1387

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## Median : 745.0    Median : 163.0    Median :148.0    Median :1455
## Mean   : 799.7    Mean   : 249.7    Mean   :146.1    Mean   :1467
## 3rd Qu.: 938.0    3rd Qu.: 252.0    3rd Qu.:164.0    3rd Qu.:1548
## Max.   :9963.0    Max.   :1568.0    Max.   :204.0    Max.   :1775
## NA's   :18                      NA's   :31
## TEAM_BATTING_2B_NEW TEAM_BATTING_3B_NEW TEAM_BATTING_BB_NEW
## Min.    :116.0      Min.    : 14.00    Min.    :259.0
## 1st Qu.:210.0      1st Qu.: 35.00    1st Qu.:436.5
## Median :239.0      Median : 52.00    Median :509.0
## Mean    :242.1      Mean    : 55.26    Mean    :503.8
## 3rd Qu.:278.5      3rd Qu.: 72.00    3rd Qu.:565.5
## Max.    :376.0      Max.    :126.00    Max.    :746.0
##
## TEAM_BASERUN_SB_NEW TEAM_FIELDING_E_NEW TEAM_FIELDING_DP_NEW
## Min.    : 0.0       Min.    : 73.0     Min.    : 83.0
## 1st Qu.: 60.5      1st Qu.:131.0     1st Qu.:134.5
## Median : 96.0      Median :163.0     Median :146.4
## Mean    :120.2      Mean    :238.8     Mean    :146.4
## 3rd Qu.:149.0      3rd Qu.:252.0     3rd Qu.:160.5
## Max.    :319.0      Max.    :660.2     Max.    :204.0
##
## TEAM_PITCHING_BB_NEW TEAM_PITCHING_H_NEW TEAM_PITCHING_HR_NEW
## Min.    :286.0      Min.    :1155      Min.    : 0.0
## 1st Qu.:471.0      1st Qu.:1426      1st Qu.: 52.0
## Median :526.0      Median :1515      Median :104.0
## Mean    :542.3      Mean    :1606      Mean    :101.6
## 3rd Qu.:606.5      3rd Qu.:1681      3rd Qu.:142.5
## Max.    :805.0      Max.    :2385      Max.    :244.0
##
## TEAM_PITCHING_SO_NEW TEAM_BATTING_H_SIN TEAM_BATTING_2B_SIN
## Min.    : 315.0      Min.    : -0.99999   Min.    : -0.99976
## 1st Qu.: 622.5      1st Qu.: -0.67675   1st Qu.: -0.80113
## Median : 764.8      Median : 0.05320    Median : 0.01770
## Mean    : 764.8      Mean    : 0.02619    Mean    : -0.01888
## 3rd Qu.: 927.5      3rd Qu.: 0.74501    3rd Qu.: 0.70868
## Max.    :1295.0      Max.    : 0.99991    Max.    : 0.99991
##
## TEAM_BATTING_3B_SIN TEAM_BATTING_BB_SIN TEAM_BASERUN_SB_SIN
## Min.    : -0.9998     Min.    : -0.99999   Min.    : -0.99975
## 1st Qu.: -0.7271     1st Qu.: -0.59492   1st Qu.: -0.68318
## Median : 0.1499      Median : 0.07961     Median : 0.14546
## Mean    : 0.0324      Mean    : 0.06589     Mean    : 0.06904
## 3rd Qu.: 0.7626      3rd Qu.: 0.73317     3rd Qu.: 0.81676
## Max.    : 0.9999      Max.    : 0.99976     Max.    : 0.99952
##
## NA's :13
## TEAM_FIELDING_E_SIN TEAM_FIELDING_DP_SIN TEAM_PITCHING_BB_SIN
## Min.    : -0.99999    Min.    : -0.999207   Min.    : -0.999522
## 1st Qu.: -0.81160     1st Qu.: -0.727143   1st Qu.: -0.670218
## Median : -0.08834     Median : -0.061920    Median : -0.053114
## Mean    : -0.05169     Mean    : -0.008299    Mean    : -0.003834
## 3rd Qu.: 0.69608      3rd Qu.: 0.699225     3rd Qu.: 0.708642
## Max.    : 0.99991      Max.    : 0.997799     Max.    : 0.999757
##
## NA's :31
## TEAM_PITCHING_H_SIN TEAM_PITCHING_HR_SIN TEAM_PITCHING_SO_SIN

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## Min.      :-0.99999      Min.      :-0.99999      Min.      :-0.99999
## 1st Qu.: -0.65017      1st Qu.: -0.75099      1st Qu.: -0.71483
## Median :  0.07940      Median : -0.04424      Median :  0.01761
## Mean    :  0.01651      Mean     :-0.03292      Mean     :-0.01170
## 3rd Qu.:  0.68966      3rd Qu.:  0.66361      3rd Qu.:  0.68320
## Max.    :  0.99991      Max.     :  0.99991      Max.     :  0.99991
##                                     NA's      :18
## TEAM_BATTING_SO_NEW TEAM_BATTING_HBP_Missing TEAM_BASERUN_CS_Missing
## Min.      :  0.0      Min.      :0.00000      Min.      :0.0000
## 1st Qu.: 565.0      1st Qu.:0.00000      1st Qu.:0.0000
## Median : 709.3      Median :0.00000      Median :1.0000
## Mean     : 709.3      Mean     :0.07336      Mean     :0.6641
## 3rd Qu.: 904.5      3rd Qu.:0.00000      3rd Qu.:1.0000
## Max.     :1268.0      Max.     :1.00000      Max.     :1.0000
##
## Hits_R      Walks_R      HomeRuns_R      Strikeout_R
## Min.      :0.0679      Min.      :0.06787      Min.      :0.1111      Min.      :0.0679
## 1st Qu.:0.9382      1st Qu.:0.93871      1st Qu.:0.9358      1st Qu.:0.9388
## Median :0.9506      Median :0.95067      Median :0.9516      Median :0.9508
## Mean     :0.9168      Mean     :0.91681      Mean     :0.9199      Mean     :0.9204
## 3rd Qu.:1.0000      3rd Qu.:1.00000      3rd Qu.:1.0000      3rd Qu.:1.0000
## Max.     :1.0187      Max.     :1.01786      Max.     :1.0204      Max.     :1.0189
##                                     NA's      :1      NA's      :20
## TEAM_BATTING_EB TEAM_BATTING_1B
## Min.      : 73.0      Min.      : 657.0
## 1st Qu.:339.5      1st Qu.: 990.5
## Median :397.0      Median :1059.0
## Mean     :392.9      Mean     :1076.5
## 3rd Qu.:450.0      3rd Qu.:1134.0
## Max.     :615.0      Max.     :1846.0
##

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