

Obs	No	Name	Pos	DoBY	DoBM	DoBD	shintyou	taijyuu	tou	da	bikou
1	80	森 繁和	監督	1954	11	18	181	81			
2	11	小笠原 慎之	投手	1997	10	8	180	83	左	左	
3	12	田島 慎二	投手	1989	12	21	181	84	右	右	
4	13	岩瀬 仁紀	投手	1974	11	10	181	85	左	左	
5	14	佐藤 優	投手	1993	6	29	187	85	右	左	
6	16	又吉 克樹	投手	1990	11	4	180	74	右	右	
7	17	柳 裕也	投手	1994	4	22	180	83	右	右	
8	18	鈴木 翔太	投手	1995	6	16	183	74	右	右	
9	19	吉見 一起	投手	1984	9	19	182	91	右	右	
10	20	野村 亮介	投手	1993	7	9	187	85	右	右	
11	21	岡田 俊哉	投手	1991	12	5	179	65	左	左	
12	22	大野 雄大	投手	1988	9	26	183	78	左	左	
13	24	福谷 浩司	投手	1991	1	9	183	90	右	右	
14	25	武藤 祐太	投手	1989	6	14	178	85	右	右	
15	28	丸山 泰資	投手	1995	2	5	176	79	右	右	
16	29	山井 大介	投手	1978	5	10	179	82	右	右	
17	30	阿知羅 拓馬	投手	1992	11	20	190	95	右	右	
18	33	祖父江 大輔	投手	1987	8	11	175	78	右	左	
19	34	福 敬登	投手	1992	6	16	178	87	左	左	
20	41	浅尾 拓也	投手	1984	10	22	182	75	右	右	

**The MEANS Procedure**

Variable	N	Mean	Std Dev	Minimum	Maximum
DoBY	81	1989.11	6.4226163	1954.00	1998.00
DoBM	81	6.9629630	3.5122800	1.0000000	12.0000000
DoBD	81	14.5308642	8.1257098	1.0000000	30.0000000
shintyou	81	180.5061728	5.0599493	167.0000000	200.0000000
taijyuu	81	82.7407407	8.7045646	65.0000000	125.0000000

**The FREQ Procedure**

DoBY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1954	1	1.23	1	1.23
1974	1	1.23	2	2.47
1977	2	2.47	4	4.94
1978	2	2.47	6	7.41
1981	2	2.47	8	9.88
1983	1	1.23	9	11.11
1984	5	6.17	14	17.28
1985	3	3.70	17	20.99
1986	2	2.47	19	23.46
1987	3	3.70	22	27.16
1988	7	8.64	29	35.80
1989	7	8.64	36	44.44
1990	4	4.94	40	49.38
1991	9	11.11	49	60.49
1992	7	8.64	56	69.14
1993	8	9.88	64	79.01
1994	6	7.41	70	86.42
1995	4	4.94	74	91.36
1996	4	4.94	78	96.30
1997	1	1.23	79	97.53
1998	2	2.47	81	100.00

DoBM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	6	7.41	6	7.41
2	7	8.64	13	16.05
3	5	6.17	18	22.22
4	4	4.94	22	27.16
5	7	8.64	29	35.80
6	5	6.17	34	41.98
7	10	12.35	44	54.32
8	5	6.17	49	60.49
9	7	8.64	56	69.14
10	7	8.64	63	77.78
11	11	13.58	74	91.36
12	7	8.64	81	100.00

The FREQ Procedure

tou	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	63	78.75	63	78.75
左	17	21.25	80	100.00
Frequency Missing = 1				

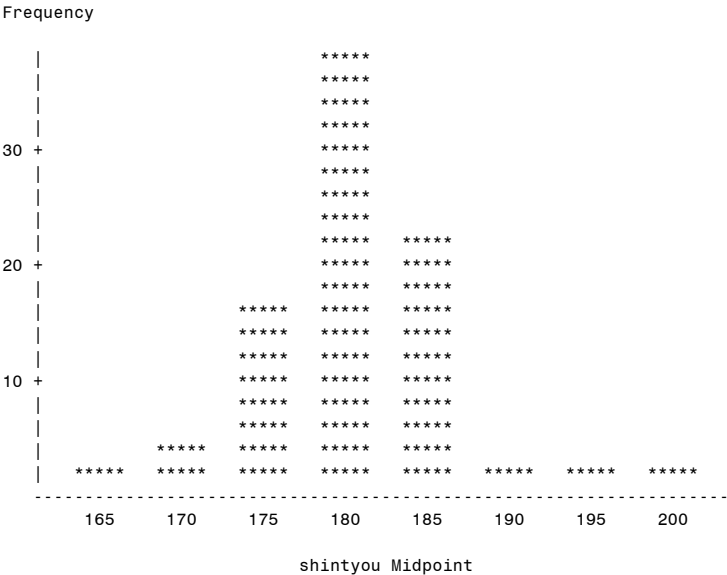
da	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	44	55.00	44	55.00
左	35	43.75	79	98.75
左右	1	1.25	80	100.00
Frequency Missing = 1				

Frequency  
Percent  
Row Pct  
Col Pct

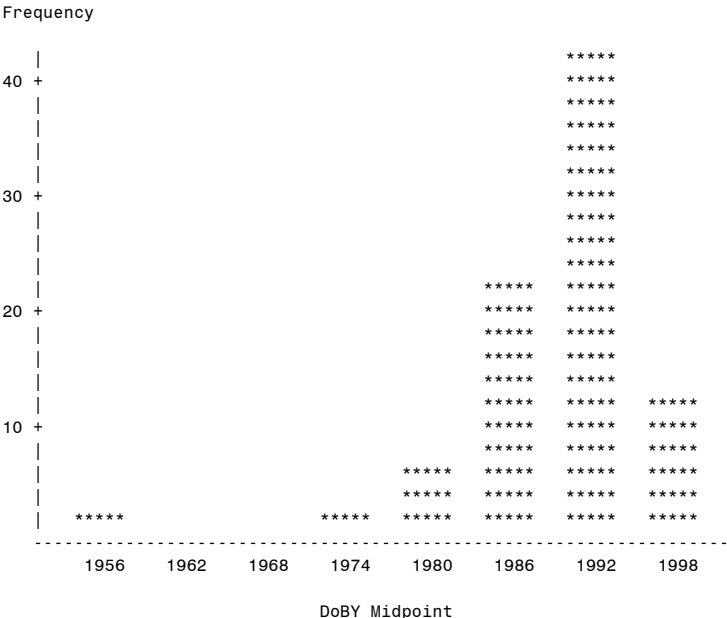
Table of tou by da				
tou	da			Total
	右	左	左右	
右	44 55.00 69.84 100.00	18 22.50 28.57 51.43	1 1.25 1.59 100.00	63 78.75
左	0 0.00 0.00 0.00	17 21.25 100.00 48.57	0 0.00 0.00 0.00	17 21.25
<b>Total</b>	44 55.00	35 43.75	1 1.25	80 100.00
Frequency Missing = 1				

shintyou Midpoint		Freq	Cum. Freq	Percent	Cum. Percent
165	*	1	1	1.23	1.23
170	**	3	4	3.70	4.94
175	*****	15	19	18.52	23.46
180	*****	37	56	45.68	69.14
185	*****	21	77	25.93	95.06
190	*	2	79	2.47	97.53
195	*	1	80	1.23	98.77
200	*	1	81	1.23	100.00

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10 20 30  
Frequency









**The UNIVARIATE Procedure**  
**Variable: shintyou**

Moments			
<b>N</b>	81	<b>Sum Weights</b>	81
<b>Mean</b>	180.506173	<b>Sum Observations</b>	14621
<b>Std Deviation</b>	5.05994925	<b>Variance</b>	25.6030864
<b>Skewness</b>	0.48774577	<b>Kurtosis</b>	2.40338502
<b>Uncorrected SS</b>	2641229	<b>Corrected SS</b>	2048.24691
<b>Coeff Variation</b>	2.80320012	<b>Std Error Mean</b>	0.56221658

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	180.5062	<b>Std Deviation</b>	5.05995
<b>Median</b>	180.0000	<b>Variance</b>	25.60309
<b>Mode</b>	180.0000	<b>Range</b>	33.00000
		<b>Interquartile Range</b>	5.00000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	321.0616	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	40.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	1660.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Level	Quantile
<b>100% Max</b>	200
<b>99%</b>	200
<b>95%</b>	187
<b>90%</b>	186
<b>75% Q3</b>	183
<b>50% Median</b>	180
<b>25% Q1</b>	178
<b>10%</b>	174
<b>5%</b>	173
<b>1%</b>	167
<b>0% Min</b>	167

**The UNIVARIATE Procedure**  
**Variable: shintyou**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
167	30	187	51
170	60	189	25
171	68	190	17
172	81	193	78
173	75	200	24