

Obs	No	Name	Pos	DoBY	DoBM	DoBD	shintyou	taijyuu	tou	da	bikou
1	92	与田 剛	監督	1965	12	4	.	.			
2	11	小笠原 慎之介	投手	1997	10	8	180	95	左	左	
3	12	田島 慎二	投手	1989	12	21	181	84	右	右	
4	13	橋本 侑樹	投手	1998	1	8	180	71	左	左	
5	14	谷元 圭介	投手	1985	1	28	167	72	右	右	
6	16	又吉 克樹	投手	1990	11	4	181	74	右	右	
7	17	柳 裕也	投手	1994	4	22	180	85	右	右	
8	19	吉見 一起	投手	1984	9	19	182	90	右	右	
9	21	岡田 俊哉	投手	1991	12	5	178	67	左	左	
10	22	大野 雄大	投手	1988	9	26	183	83	左	左	

## The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
DoBY	77	1992.68	5.7547270	1965.00	2002.00
DoBM	77	6.4415584	3.5596182	1.0000000	12.0000000
DoBD	77	15.1948052	7.8957666	1.0000000	31.0000000
shintyou	76	181.1578947	4.9532552	167.0000000	193.0000000
taijyuu	76	84.7631579	8.3136329	65.0000000	108.0000000

## The FREQ Procedure

DoBY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1965	1	1.30	1	1.30
1978	1	1.30	2	2.60
1981	1	1.30	3	3.90
1984	1	1.30	4	5.19
1985	2	2.60	6	7.79
1987	2	2.60	8	10.39
1988	5	6.49	13	16.88
1989	6	7.79	19	24.68
1990	4	5.19	23	29.87
1991	6	7.79	29	37.66
1992	8	10.39	37	48.05
1993	3	3.90	40	51.95
1994	8	10.39	48	62.34
1995	4	5.19	52	67.53
1996	5	6.49	57	74.03
1997	6	7.79	63	81.82
1998	3	3.90	66	85.71
1999	3	3.90	69	89.61
2000	5	6.49	74	96.10
2001	2	2.60	76	98.70
2002	1	1.30	77	100.00

DoBM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	9	11.69	9	11.69
2	3	3.90	12	15.58
3	6	7.79	18	23.38
4	7	9.09	25	32.47
5	10	12.99	35	45.45

DoBM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
6	6	7.79	41	53.25
7	7	9.09	48	62.34
8	4	5.19	52	67.53
9	5	6.49	57	74.03
10	6	7.79	63	81.82
11	5	6.49	68	88.31
12	9	11.69	77	100.00

tou	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	61	80.26	61	80.26
左	15	19.74	76	100.00

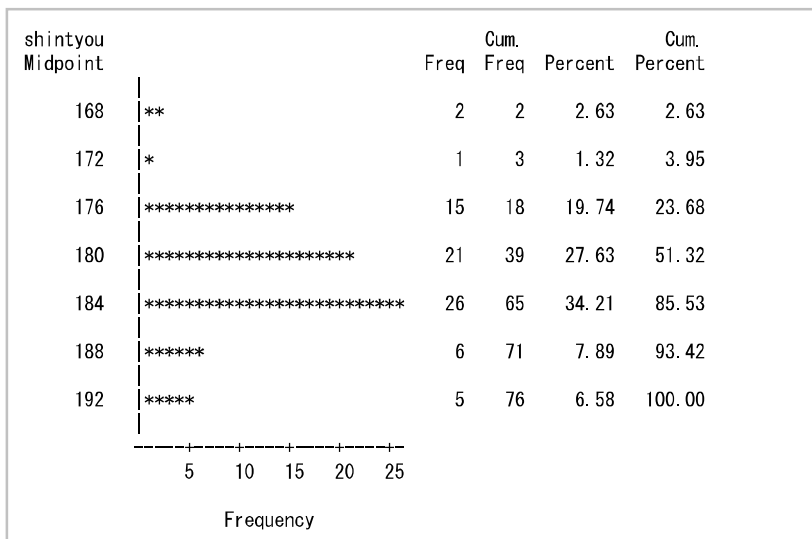
Frequency Missing = 1

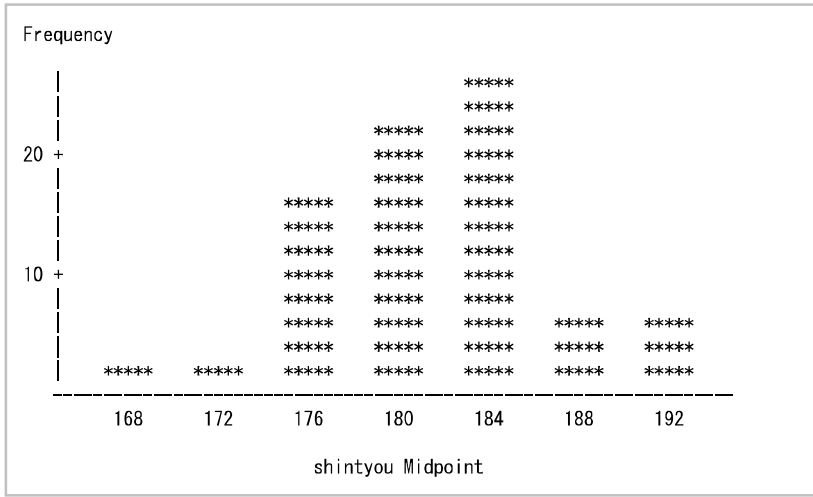
da	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	46	60.53	46	60.53
左	28	36.84	74	97.37
左右	2	2.63	76	100.00

Frequency Missing = 1

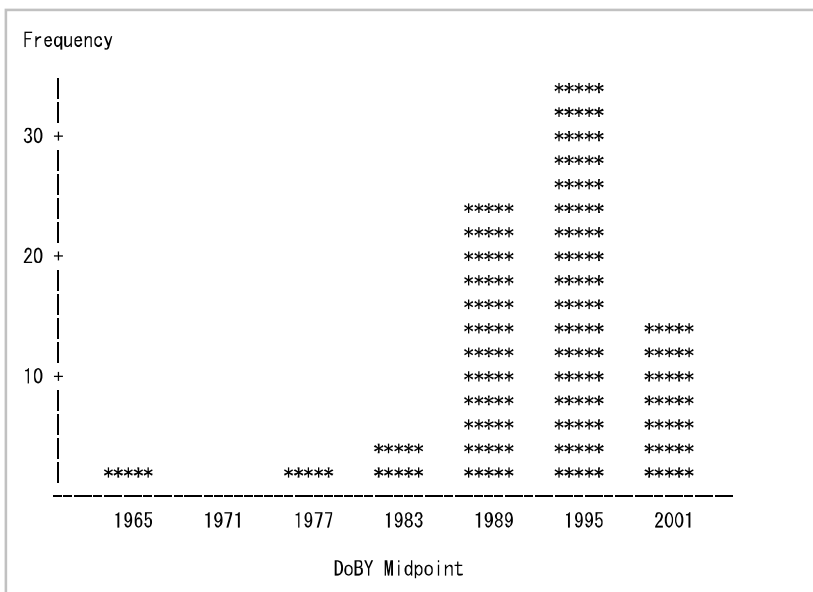
Frequency Percent Row Pct Col Pct	Table of tou by da			
	da			Total
tou	右	左	左右	
右	44 57.89 72.13 95.65	15 19.74 24.59 53.57	2 2.63 3.28 100.00	61 80.26
左	2 2.63 13.33 4.35	13 17.11 86.67 46.43	0 0.00 0.00 0.00	15 19.74
Total	46 60.53	28 36.84	2 2.63	76 100.00

Frequency Missing = 1





DoBY Midpoint	Frequency	Cum. Freq	Percent	Cum. Percent
1965	1	1	1.30	1.30
1971	0	1	0.00	1.30
1977	1	2	1.30	2.60
1983	4	6	5.19	7.79
1989	23	29	29.87	37.66
1995	34	63	44.16	81.82
2001	14	77	18.18	100.00



The UNIVARIATE Procedure  
Variable: shintyou

Moments			
N	76	Sum Weights	76

Moments			
Mean	181.157895	Sum Observations	13768
Std Deviation	4.95325518	Variance	24.5347368
Skewness	-0.3118913	Kurtosis	0.61603278
Uncorrected SS	2496022	Corrected SS	1840.10526
Coeff Variation	2.73421988	Std Error Mean	0.56817734

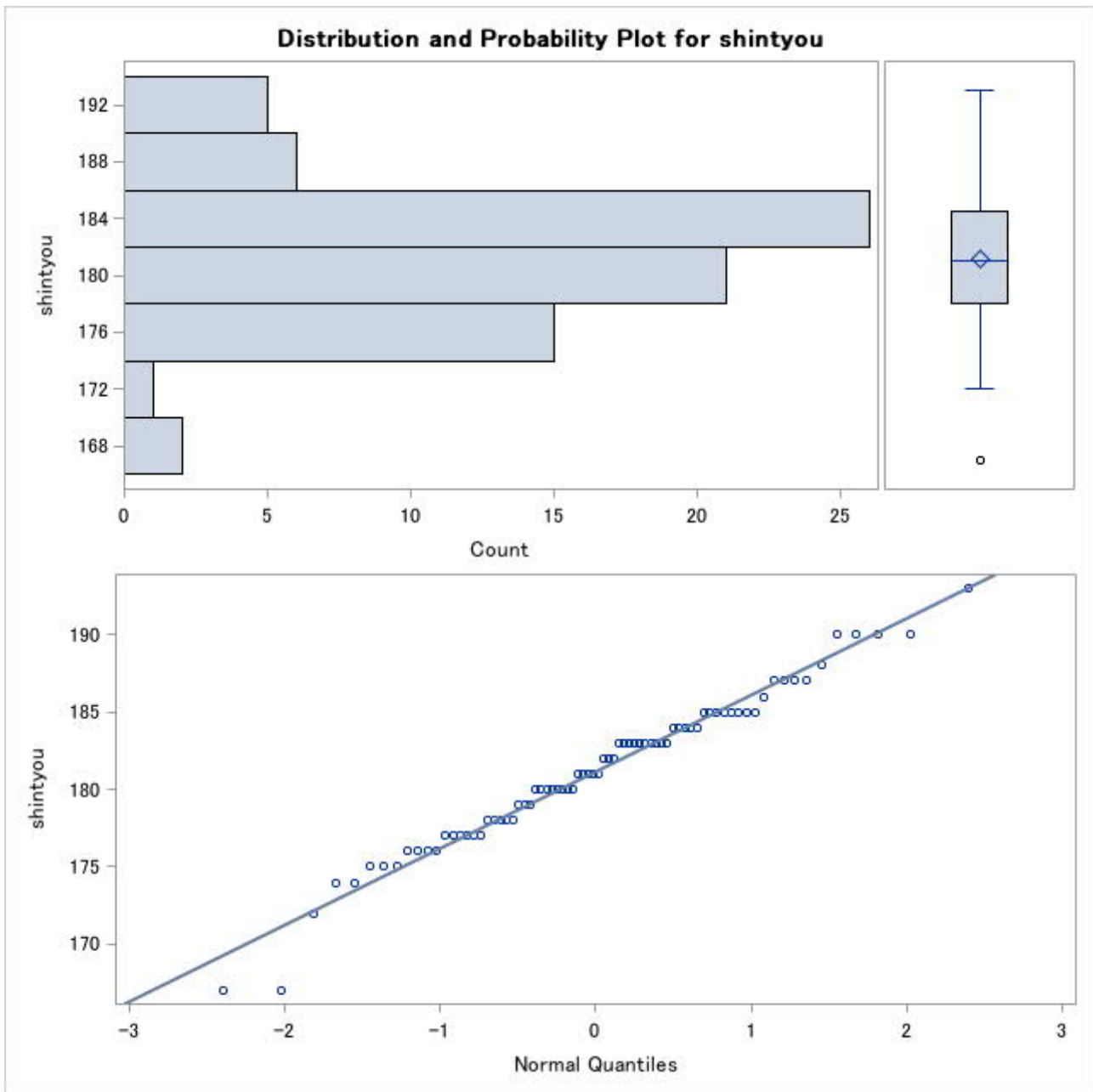
Basic Statistical Measures			
Location		Variability	
Mean	181.1579	Std Deviation	4.95326
Median	181.0000	Variance	24.53474
Mode	183.0000	Range	26.00000
		Interquartile Range	6.50000

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	318.8404	Pr >  t	<.0001
Sign	M	38	Pr >=  M	<.0001
Signed Rank	S	1463	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	193.0
99%	193.0
95%	190.0
90%	187.0
75% Q3	184.5
50% Median	181.0
25% Q1	178.0
10%	175.0
5%	174.0
1%	167.0
0% Min	167.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
167	28	190	15
167	5	190	35
172	65	190	44
174	68	190	75
174	64	193	37

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	1.30	100.00



The UNIVARIATE Procedure  
Variable: DoBY

Moments			
N	77	Sum Weights	77
Mean	1992.67532	Sum Observations	153436
Std Deviation	5.75472702	Variance	33.1168831
Skewness	-1.6238469	Kurtosis	6.11716818
Uncorrected SS	305750648	Corrected SS	2516.88312
Coeff Variation	0.28879401	Std Error Mean	0.65581201

Basic Statistical Measures			
Location		Variability	
Mean	1992.675	Std Deviation	5.75473
Median	1993.000	Variance	33.11688
Mode	1992.000	Range	37.00000
		Interquartile Range	7.00000

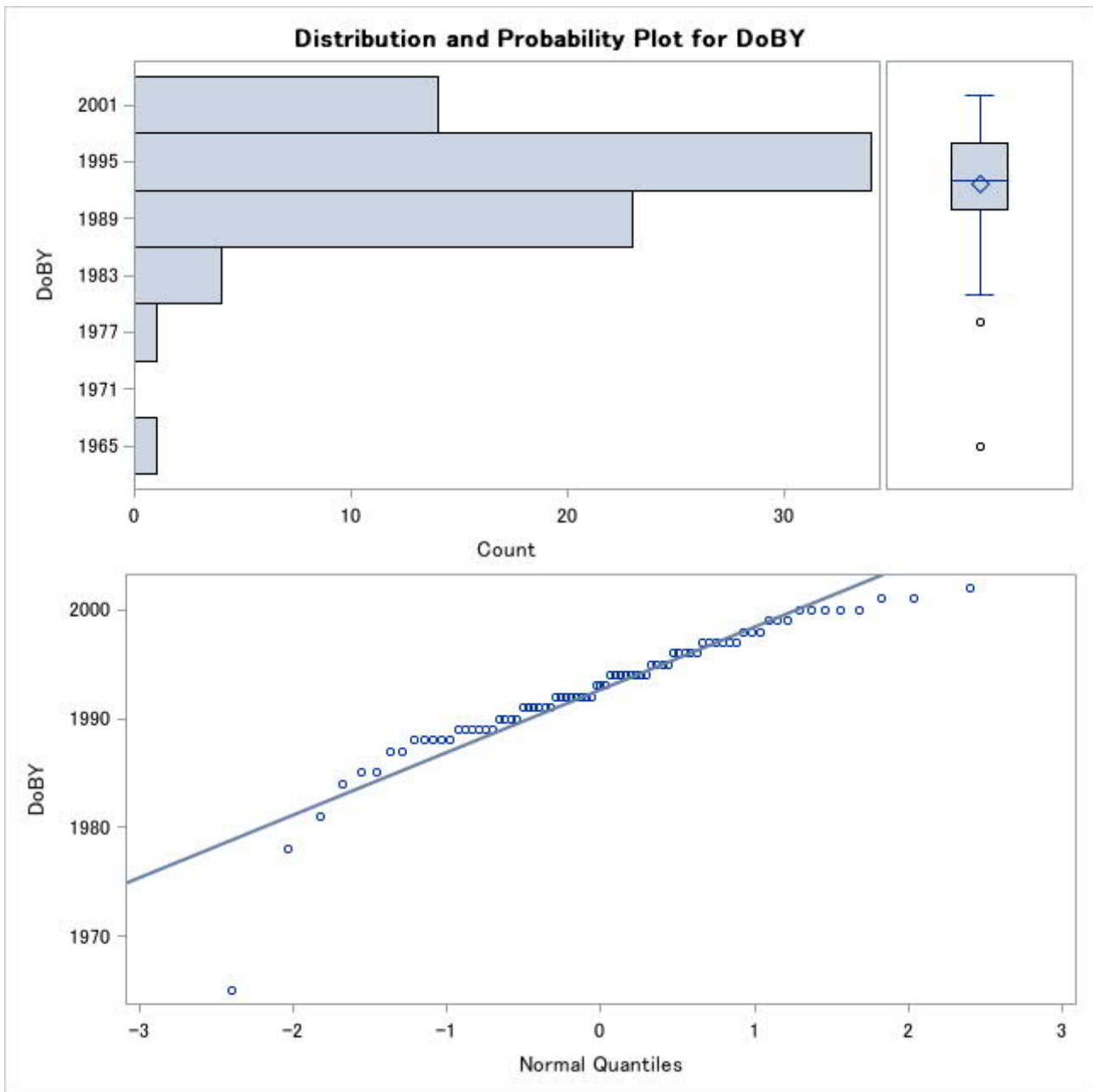
Note: The mode displayed is the smallest of 2 modes with a count of 8.

Tests for Location: $\mu_0=0$
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Test	Test Statistic	Statistic	Pr >  T	p Value
Student's t	t	3038.486	Pr >  t	<.0001
Sign	M	38.5	Pr >=  M	<.0001
Signed Rank	S	1501.5	Pr >=  S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2002
99%	2002
95%	2000
90%	2000
75% Q3	1997
50% Median	1993
25% Q1	1990
10%	1987
5%	1984
1%	1965
0% Min	1965

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1965	1	2000	52
1978	14	2000	68
1981	60	2001	30
1984	8	2001	49
1985	62	2002	71



The UNIVARIATE Procedure  
Variable: shintyou

Moments			
N	76	Sum Weights	76
Mean	181.157895	Sum Observations	13768
Std Deviation	4.95325518	Variance	24.5347368
Skewness	-0.3118913	Kurtosis	0.61603278
Uncorrected SS	2496022	Corrected SS	1840.10526
Coeff Variation	2.73421988	Std Error Mean	0.56817734

Basic Statistical Measures			
Location		Variability	
Mean	181.1579	Std Deviation	4.95326
Median	181.0000	Variance	24.53474
Mode	183.0000	Range	26.00000
		Interquartile Range	6.50000

Tests for Location:  $\mu_0=0$

Test	Tests Statistic	Value	Pr >  t	p Value
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Test	Statistic	p Value		
Student's t	t 318.8404	Pr >  t	<.0001	
Sign	M 38	Pr >=  M	<.0001	
Signed Rank	S 1463	Pr >=  S	<.0001	

Level	Quantile
100% Max	193.0
99%	193.0
95%	190.0
90%	187.0
75% Q3	184.5
50% Median	181.0
25% Q1	178.0
10%	175.0
5%	174.0
1%	167.0
0% Min	167.0

Lowest		Highest	
Value	Obs	Value	Obs
167	28	190	15
167	5	190	35
172	65	190	44
174	68	190	75
174	64	193	37

Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	1.30	100.00

The UNIVARIATE Procedure  
Variable: shintyou

Stem Leaf	#	Boxplot
192 0	1	
190 0000	4	
188 0	1	
186 00000	5	
184 0000000000000000	13	+-----+
182 0000000000000000	13	
180 0000000000000000	13	*-+---*
178 00000000	8	+-----+
176 00000000000	10	
174 00000	5	
172 0	1	
170		
168		
166 00	2	0
-----+-----+		

The UNIVARIATE Procedure  
Variable: shintyou

Normal Probability Plot
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