

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	14	谷元 圭介	投手	1985	1	28	167	72	右	右	
5	16	又吉 克樹	投手	1990	11	4	181	74	右	右	
6	17	柳 裕也	投手	1994	4	22	180	85	右	右	
7	18	松坂 大輔	投手	1980	9	13	183	93	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	1991.58	5.6483594	1965.00	2000.00
DoBM	77	6.6363636	3.4447103	1.0000000	12.0000000
DoBD	77	14.5714286	7.8378780	1.0000000	31.0000000
shintyou	76	181.0921053	5.5908917	167.0000000	201.0000000
taijyuu	76	84.7894737	8.5421555	65.0000000	117.0000000

The FREQ Procedure

DoBY	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1965	1	1.30	1	1.30
1978	1	1.30	2	2.60
1980	1	1.30	3	3.90
1981	1	1.30	4	5.19
1984	2	2.60	6	7.79
1985	2	2.60	8	10.39
1987	4	5.19	12	15.58
1988	5	6.49	17	22.08
1989	6	7.79	23	29.87
1990	4	5.19	27	35.06
1991	10	12.99	37	48.05
1992	7	9.09	44	57.14
1993	4	5.19	48	62.34
1994	7	9.09	55	71.43
1995	4	5.19	59	76.62
1996	5	6.49	64	83.12
1997	3	3.90	67	87.01
1998	2	2.60	69	89.61
1999	3	3.90	72	93.51
2000	5	6.49	77	100.00

DoBM	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	7	9.09	7	9.09
2	4	5.19	11	14.29
3	5	6.49	16	20.78
4	7	9.09	23	29.87
5	9	11.69	32	41.56
6	6	7.79	38	49.35
7	8	10.39	46	59.74
8	5	6.49	51	66.23
9	5	6.49	56	72.73
10	7	9.09	63	81.82
11	7	9.09	70	90.91
12	7	9.09	77	100.00

tou	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	63	82.89	63	82.89
左	13	17.11	76	100.00
Frequency Missing = 1				

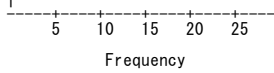
The FREQ Procedure

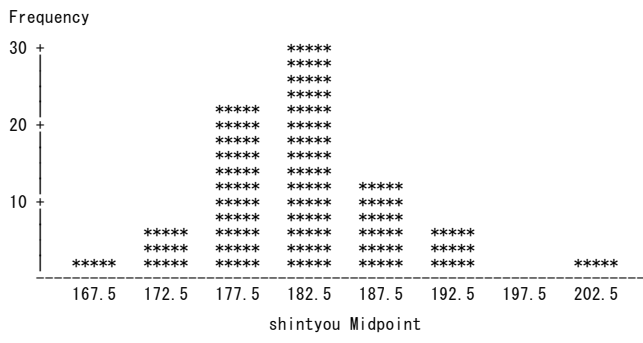
da	Frequency	Percent	Cumulative Frequency	Cumulative Percent
右	44	57.89	44	57.89
左	29	38.16	73	96.05
左右	3	3.95	76	100.00
Frequency Missing = 1				

Frequency
Percent
Row Pct
Col Pct

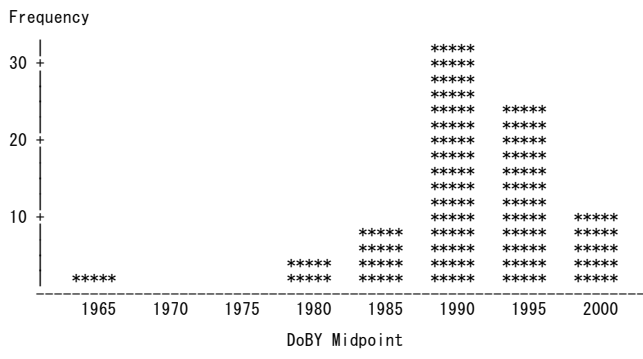
tou	da			
	右	左	左右	Total
右	43	17	3	63
	56.58	22.37	3.95	82.89
	68.25	26.98	4.76	
	97.73	58.62	100.00	
左	1	12	0	13
	1.32	15.79	0.00	17.11
	7.69	92.31	0.00	
	2.27	41.38	0.00	
Total	44	29	3	76
	57.89	38.16	3.95	100.00
Frequency Missing = 1				

shintyou Midpoint		Freq	Cum. Freq	Percent	Cum. Percent
167.5	**	2	2	2.63	2.63
172.5	*****	6	8	7.89	10.53
177.5	*****	21	29	27.63	38.16
182.5	*****	29	58	38.16	76.32
187.5	*****	12	70	15.79	92.11
192.5	*****	5	75	6.58	98.68
197.5		0	75	0.00	98.68
202.5	*	1	76	1.32	100.00





DoBY Midpoint	Freq	Cum. Freq	Percent	Cum. Percent
1965 *	1	1	1.30	1.30
1970	0	1	0.00	1.30
1975	0	1	0.00	1.30
1980 ***	3	4	3.90	5.19
1985 *****	8	12	10.39	15.58
1990 *****	32	44	41.56	57.14
1995 *****	23	67	29.87	87.01
2000 *****	10	77	12.99	100.00



The UNIVARIATE Procedure
Variable: shintyou

Moments			
N	76	Sum Weights	76
Mean	181.092105	Sum Observations	13763
Std Deviation	5.59089172	Variance	31.2580702
Skewness	0.2473852	Kurtosis	1.74383959
Uncorrected SS	2494715	Corrected SS	2344.35526
Coeff Variation	3.08731941	Std Error Mean	0.64131926

Basic Statistical Measures			
Location		Variability	
Mean	181.0921	Std Deviation	5.59089
Median	181.0000	Variance	31.25807
Mode	183.0000	Range	34.00000
		Interquartile Range	6.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	282.3743	Pr > t	<.0001
Sign	M	38	Pr >= M	<.0001
Signed Rank	S	1463	Pr >= S	<.0001

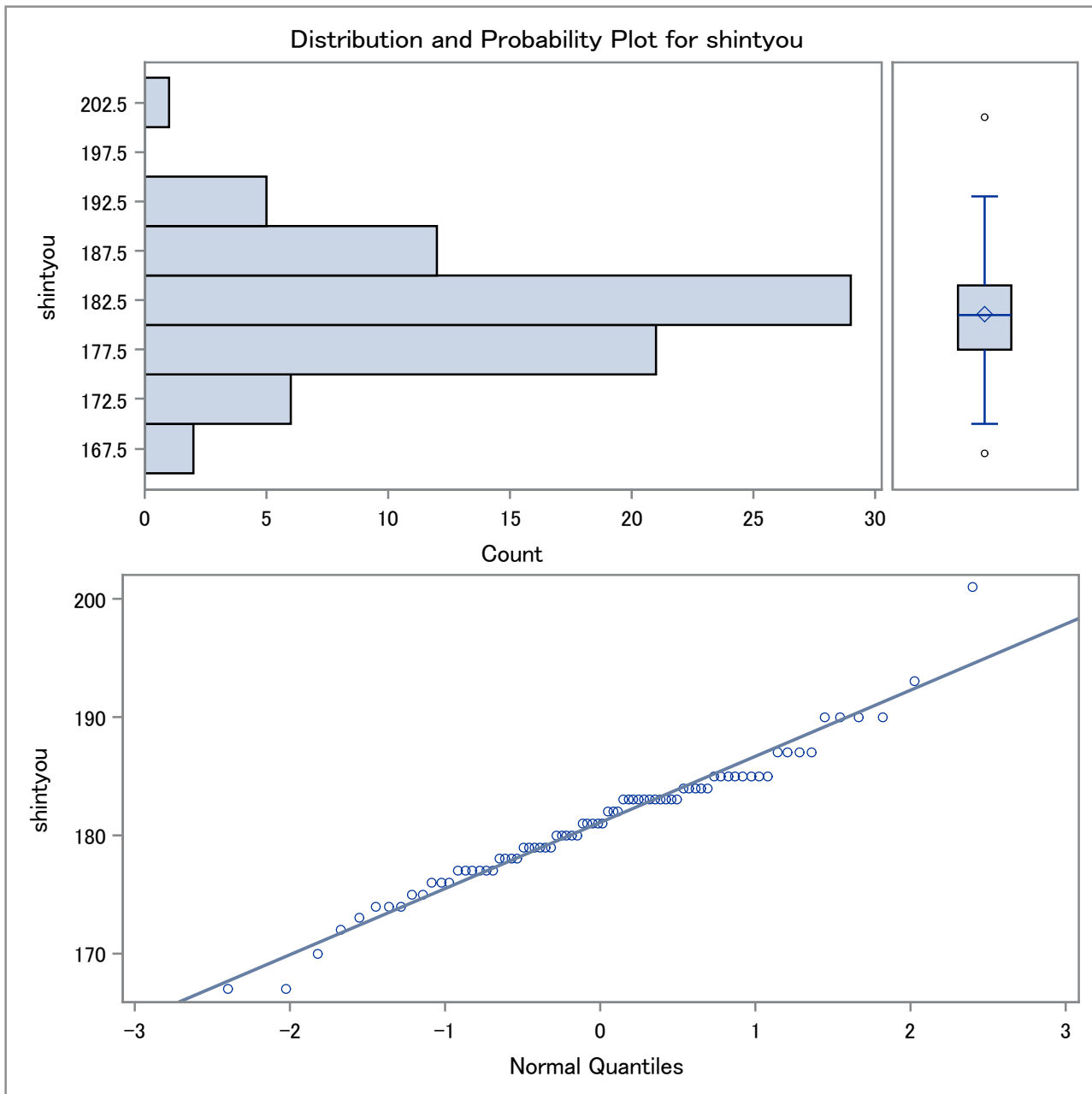
Quantiles (Definition 5)	
Level	Quantile
100% Max	201.0
99%	201.0
95%	190.0
90%	187.0
75% Q3	184.0
50% Median	181.0
25% Q1	177.5
10%	174.0
5%	172.0
1%	167.0
0% Min	167.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
167	27	190	32
167	4	190	75
170	70	190	77

The UNIVARIATE Procedure
Variable: shintyou

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
172	63	193	33
173	40	201	65

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	1991.58442	Sum Observations	153352
Std Deviation	5.64835945	Variance	31.9039645
Skewness	-1.5223156	Kurtosis	5.55338437
Uncorrected SS	305415878	Corrected SS	2424.7013
Coeff Variation	0.28361135	Std Error Mean	0.6436903

Basic Statistical Measures			
Location		Variability	
Mean	1991.584	Std Deviation	5.64836
Median	1992.000	Variance	31.90396
Mode	1991.000	Range	35.00000
		Interquartile Range	6.00000

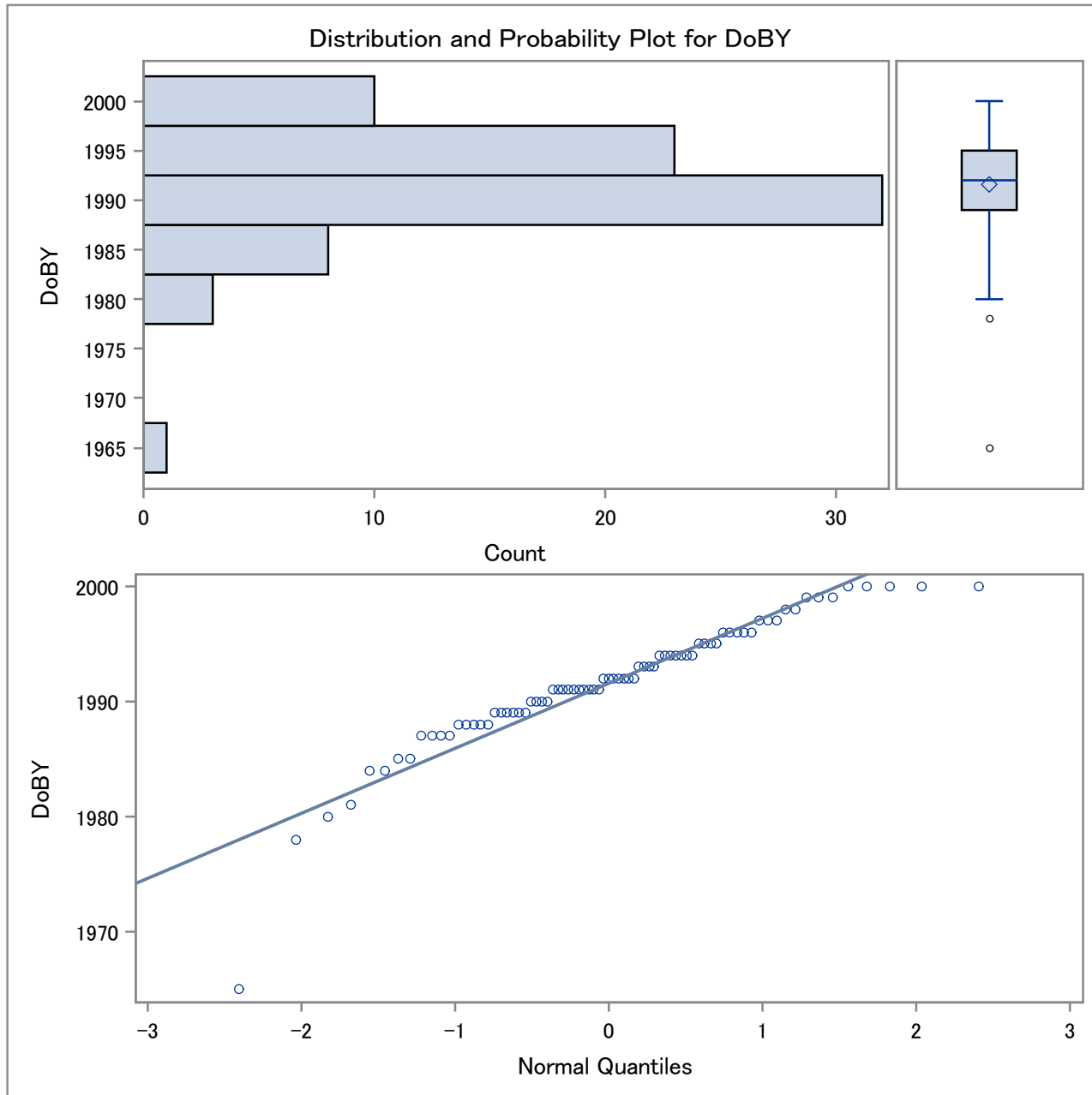
Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3094.01	Pr > t	<.0001
Sign	M	38.5	Pr >= M	<.0001
Signed Rank	S	1501.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2000
99%	2000
95%	2000
90%	1999
75% Q3	1995
50% Median	1992
25% Q1	1989
10%	1985
5%	1981
1%	1965
0% Min	1965

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1965	1	2000	27
1978	14	2000	28
1980	7	2000	42

The UNIVARIATE Procedure
Variable: DoBY

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1981	58	2000	48
1984	39	2000	66



The UNIVARIATE Procedure
Variable: shintyou

Moments			
N	76	Sum Weights	76
Mean	181.092105	Sum Observations	13763
Std Deviation	5.59089172	Variance	31.2580702
Skewness	0.2473852	Kurtosis	1.74383959
Uncorrected SS	2494715	Corrected SS	2344.35526
Coeff Variation	3.08731941	Std Error Mean	0.64131926

Basic Statistical Measures			
Location		Variability	
Mean	181.0921	Std Deviation	5.59089
Median	181.0000	Variance	31.25807
Mode	183.0000	Range	34.00000
		Interquartile Range	6.50000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	282.3743	Pr > t	<.0001
Sign	M	38	Pr >= M	<.0001
Signed Rank	S	1463	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	201.0
99%	201.0
95%	190.0
90%	187.0
75% Q3	184.0
50% Median	181.0
25% Q1	177.5
10%	174.0
5%	172.0
1%	167.0
0% Min	167.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
167	27	190	32
167	4	190	75
170	70	190	77

The UNIVARIATE Procedure
Variable: shintyou

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
172	63	193	33
173	40	201	65

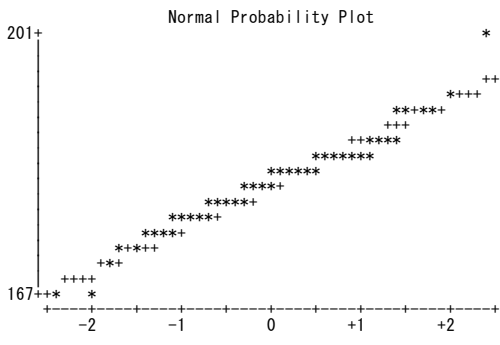
Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	1.30	100.00

The UNIVARIATE Procedure
 Variable: shintyou

Stem	Leaf	#	Boxplot
200	0	1	0
198			
196			
194			
192	0	1	
190	0000	4	
188			
186	0000	4	
184	0000000000000000	13	+-----+
182	0000000000000000	14	+-----+
180	0000000000	10	*+-----*
178	0000000000	10	+-----+
176	0000000000	9	+-----+
174	00000	5	
172	00	2	
170	0	1	
168			
166	00	2	0

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The UNIVARIATE Procedure
Variable: shintyou



The FREQ Procedure

shintyou	Frequency	Percent	Cumulative Frequency	Cumulative Percent
167	2	2.63	2	2.63
170	1	1.32	3	3.95
172	1	1.32	4	5.26
173	1	1.32	5	6.58
174	3	3.95	8	10.53
175	2	2.63	10	13.16
176	3	3.95	13	17.11
177	6	7.89	19	25.00
178	4	5.26	23	30.26
179	6	7.89	29	38.16
180	5	6.58	34	44.74
181	5	6.58	39	51.32
182	3	3.95	42	55.26
183	11	14.47	53	69.74
184	5	6.58	58	76.32
185	8	10.53	66	86.84
187	4	5.26	70	92.11
190	4	5.26	74	97.37
193	1	1.32	75	98.68
201	1	1.32	76	100.00
Frequency Missing = 1				