

The FREQ Procedure

FRAX 10 year probability of hip fracture with BMD >3%

WOHIPW3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A:Missing	187	.	.	.
0: No	2274	61.08	2274	61.08
1: Yes	1449	38.92	3723	100.00
Frequency Missing = 187				

FRAX 10 year probability of hip fracture without BMD >3%

WOHIPWO3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A:Missing	8	.	.	.
0: No	991	25.40	991	25.40
1: Yes	2911	74.60	3902	100.00
Frequency Missing = 8				

MISSING ANY RISK FACTOR DATA (NOT INC BMD)

WOMISS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0: No	2981	76.24	2981	76.24
1: Yes	929	23.76	3910	100.00

*FRAX 10 year probability of major osteoporotic fracture with
BMD >=20%*

WOOSTW20	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A:Missing	187	.	.	.
0: No	3578	96.11	3578	96.11
1: Yes	145	3.89	3723	100.00
Frequency Missing = 187				

*FRAX 10 year probability of major osteoporotic fracture without
BMD >=20%*

WOOSTWO20	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A:Missing	8	.	.	.
0: No	3571	91.52	3571	91.52
1: Yes	331	8.48	3902	100.00
Frequency Missing = 8				

The UNIVARIATE Procedure

Variable: WOHIPW (10-YR PROB OF HIP FX, WITH BMD (MISSING=NO))

Moments			
<i>N</i>	3723	<i>Sum Weights</i>	3723
<i>Mean</i>	3.58229385	<i>Sum Observations</i>	13336.88
<i>Std Deviation</i>	4.10102201	<i>Variance</i>	16.8183815
<i>Skewness</i>	3.28490695	<i>Kurtosis</i>	14.3915648
<i>Uncorrected SS</i>	110374.639	<i>Corrected SS</i>	62598.016
<i>Coeff Variation</i>	114.480335	<i>Std Error Mean</i>	0.06721181

Basic Statistical Measures			
Location		Variability	
<i>Mean</i>	3.582294	<i>Std Deviation</i>	4.10102
<i>Median</i>	2.350000	<i>Variance</i>	16.81838
<i>Mode</i>	1.870000	<i>Range</i>	36.36000
		<i>Interquartile Range</i>	2.82000

Tests for Location: Mu0=0				
<i>Test</i>	<i>Statistic</i>		<i>p Value</i>	
<i>Student's t</i>	<i>t</i>	53.29858	<i>Pr > t </i>	<.0001
<i>Sign</i>	<i>M</i>	1861.5	<i>Pr >= M </i>	<.0001
<i>Signed Rank</i>	<i>S</i>	3466113	<i>Pr >= S </i>	<.0001

Quantiles (Definition 5)	
<i>Level</i>	<i>Quantile</i>
<i>100% Max</i>	36.37
<i>99%</i>	21.68
<i>95%</i>	11.68
<i>90%</i>	7.34
<i>75% Q3</i>	4.13
<i>50% Median</i>	2.35
<i>25% Q1</i>	1.31
<i>10%</i>	0.71
<i>5%</i>	0.45
<i>1%</i>	0.19
<i>0% Min</i>	0.01

The UNIVARIATE Procedure
Variable: WOHIPW (10-YR PROB OF HIP FX, WITH BMD (MISSING=NO))

Extreme Observations					
Lowest			Highest		
Value	ID	Obs	Value	ID	Obs
0.01	PI5117	2317	33.70	SD8155	3330
0.02	BI0167	123	33.74	MN2472	1286
0.03	SD8486	3544	34.83	PI5172	2356
0.03	PO7201	3016	34.92	PI5427	2528
0.03	PO6848	2785	36.37	MN1930	921

Missing Values			
Percent Of			
Missing Value	Count	All Obs	Missing Obs
A	187	4.78	100.00

The UNIVARIATE Procedure

Variable: WOHIPWO (10-YR PROB OF HIP FX, W/O BMD (MISSING=NO))

Moments			
N	3902	Sum Weights	3902
Mean	6.04828549	Sum Observations	23600.41
Std Deviation	5.09419154	Variance	25.9507874
Skewness	2.64258102	Kurtosis	9.75925501
Uncorrected SS	243976.039	Corrected SS	101234.022
Coeff Variation	84.2253815	Std Error Mean	0.08155144

Basic Statistical Measures			
Location		Variability	
Mean	6.048285	Std Deviation	5.09419
Median	4.620000	Variance	25.95079
Mode	5.180000	Range	44.23000
		Interquartile Range	4.24000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	74.16528	Pr > t	<.0001
Sign	M	1951	Pr >= M	<.0001
Signed Rank	S	3807377	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	44.67
99%	26.30
95%	16.12
90%	11.71
75% Q3	7.19
50% Median	4.62
25% Q1	2.95
10%	1.88
5%	1.54
1%	0.91
0% Min	0.44

The UNIVARIATE Procedure
Variable: WOHIPWO (10-YR PROB OF HIP FX, W/O BMD (MISSING=NO))

Extreme Observations					
Lowest			Highest		
Value	ID	Obs	Value	ID	Obs
0.44	BI0974	622	39.58	MN1781	819
0.47	BI0375	281	41.11	MN1659	734
0.53	MN2022	981	42.01	SD8052	3254
0.54	BI0411	306	42.74	PI5427	2528
0.60	MN2278	1141	44.67	PO7363	3116

Missing Values			
Percent Of			
Missing Value	Count	All Obs	Missing Obs
A	8	0.20	100.00

The UNIVARIATE Procedure

Variable: WOOSTW (10-YR PROB OF OSTEOPOROTIC FX, WITH BMD (MISSING=NO))

Moments			
<i>N</i>	3723	<i>Sum Weights</i>	3723
<i>Mean</i>	8.72121139	<i>Sum Observations</i>	32469.07
<i>Std Deviation</i>	5.14793131	<i>Variance</i>	26.5011968
<i>Skewness</i>	2.15116862	<i>Kurtosis</i>	6.95928789
<i>Uncorrected SS</i>	381807.078	<i>Corrected SS</i>	98637.4544
<i>Coeff Variation</i>	59.0277094	<i>Std Error Mean</i>	0.08436965

Basic Statistical Measures			
Location		Variability	
<i>Mean</i>	8.721211	<i>Std Deviation</i>	5.14793
<i>Median</i>	7.340000	<i>Variance</i>	26.50120
<i>Mode</i>	5.140000	<i>Range</i>	41.91000
		<i>Interquartile Range</i>	4.97000

Tests for Location: Mu0=0				
<i>Test</i>		<i>Statistic</i>		<i>p Value</i>
<i>Student's t</i>	<i>t</i>	103.3691	<i>Pr > t </i>	<.0001
<i>Sign</i>	<i>M</i>	1861.5	<i>Pr >= M </i>	<.0001
<i>Signed Rank</i>	<i>S</i>	3466113	<i>Pr >= S </i>	<.0001

Quantiles (Definition 5)	
<i>Level</i>	<i>Quantile</i>
100% Max	42.94
99%	28.49
95%	18.69
90%	14.84
75% Q3	10.41
50% Median	7.34
25% Q1	5.44
10%	4.17
5%	3.42
1%	1.94
0% Min	1.03

The UNIVARIATE Procedure
Variable: WOOSTW (10-YR PROB OF OSTEOPOROTIC FX, WITH BMD (MISSING=NO))

Extreme Observations					
Lowest			Highest		
Value	ID	Obs	Value	ID	Obs
1.03	SD8486	3544	39.91	PI5172	2356
1.03	BI0167	123	40.52	SD8155	3330
1.05	BI0196	143	41.99	MN2472	1286
1.14	PO7201	3016	42.63	PI5427	2528
1.16	MN2227	1108	42.94	MN1930	921

Missing Values			
Percent Of			
Missing Value	Count	All Obs	Missing Obs
A	187	4.78	100.00

The UNIVARIATE Procedure

Variable: WOOSTWO (10-YR PROB OF OSTEOPOROTIC FX, W/O BMD (MISSING=NO))

Moments			
N	3902	Sum Weights	3902
Mean	11.6019528	Sum Observations	45270.82
Std Deviation	5.86312516	Variance	34.3762366
Skewness	1.78108947	Kurtosis	4.87453968
Uncorrected SS	659331.618	Corrected SS	134101.699
Coeff Variation	50.5356748	Std Error Mean	0.09386108

Basic Statistical Measures			
Location		Variability	
Mean	11.60195	Std Deviation	5.86313
Median	10.05000	Variance	34.37624
Mode	9.32000	Range	47.09000
		Interquartile Range	6.59000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	123.6077	Pr > t	<.0001
Sign	M	1951	Pr >= M	<.0001
Signed Rank	S	3807377	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	49.03
99%	32.46
95%	22.91
90%	18.68
75% Q3	14.20
50% Median	10.05
25% Q1	7.61
10%	6.18
5%	5.27
1%	3.07
0% Min	1.94

The UNIVARIATE Procedure
Variable: WOOSTWO (10-YR PROB OF OSTEOPOROTIC FX, W/O BMD (MISSING=NO))

Extreme Observations					
Lowest			Highest		
Value	ID	Obs	Value	ID	Obs
1.94	BI0974	622	45.77	PI5157	2347
2.07	MN2022	981	46.08	MN1659	734
2.08	MN2278	1141	47.80	PO7363	3116
2.10	BI0375	281	48.64	PI5427	2528
2.28	BI0571	392	49.03	SD8052	3254

Missing Values			
Percent Of			
Missing Value	Count	All Obs	Missing Obs
A	8	0.20	100.00