

*AA Table 1. Summary of receipt of serum and plasma samples at Network Autoantibody and Storage Laboratories, by network and overall, TIDGC, February 10, 2011*

Network	ASP Serum Samples	ASP Plasma Samples	Total ASP Participants (Families)	Mean Participants per ASP Family	Trio Serum Samples	Trio Plasma Samples	Total Trio Participants (Families)	Case Serum Samples	Case Plasma Samples	Total Case Participants	Control Serum Samples	Control Plasma Samples	Total Control Participants
Asia-Pacific	6635	5319	1333 (326)	4.1	4362	3508	877 (292)	130	100	26	400	320	80
European	24030	19428	4871 (1238)	3.9	150	120	30 (10)	30	24	6	5	4	1
North American	23927	19499	4973 (1203)	4.1	2735	2242	581 (194)	4054	3264	835	4332	3498	886
United Kingdom	3281	2635	667 (163)	4.1	-	-	.	-	-	-	-	-	-
Overall	57873	46881	11844 (2930)	4.0	7247	5870	1488 (496)	4214	3388	867	4737	3822	967

Note: Values represent the total number of serum and plasma samples ever received and does not exclude samples subsequently destroyed.

**AA Table 2. Summary of serum and plasma samples shipped from clinics and received at Network Autoantibody and Storage Laboratories, by network and overall, TIDGC, February 10, 2011**

<b>Network</b>	<b>Samples Shipped (N)</b>	<b>Samples Received (N)</b>	<b>Absolute Difference (Shipped - Received)</b>	<b>Tubes Broken (N)</b>	<b>Samples Thawed (N)</b>	<b>Samples Missing (N)</b>	<b>Other (N)</b>
Asia-Pacific	21632	21632	0	0	30	0	8
European	46072	46072	0	0	0	0	79
North American	66600	66600	0	0	57	0	11
United Kingdom	6379	6379	0	0	5	0	2
Overall	140683	140683	0	0	92	0	100

**AA Table 3. Quality control split pair results for glutamic acid decarboxylase65 (GAD65) measures, by network and overall, T1DGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
GAD65 values in DK units/ml					
N	975	2480	3299	323	7077
Mean	164.30	179.53	139.21	162.08	157.84
Standard Deviation	307.46	296.06	277.74	289.72	289.53
Percent Positive	48.82	45.56	44.71	40.87	45.40
<b>QC PAIRS</b>					
GAD65 values in DK units/ml					
N	88	217	286	41	632
Mean Difference	-3.44	-1.16	-3.41	-22.46	-3.88
Standard Deviation	24.97	44.89	28.90	87.04	40.72
Percent Concordance with Original Positive/Negative Call	96.59	99.08	97.20	100.00	97.94
R	1.00	0.99	1.00	0.96	0.99
Technical Error	17.72	31.68	20.54	62.83	28.90
Internal CV	14.8, 9	19, 11	14.8, 9	19, 11	.
<p>R = Correlation between pairs                      Technical error as a percentage of the means                      Internal coefficient of variation for lower and upper QC pools for assay period</p> <p>Note: Samples from Asia-Pacific were assayed in the North American laboratory in Denver, Colorado, USA. Samples from Europe and the United Kingdom were assayed in the same laboratory in Bristol, UK.</p>					

**AA Table 4. Quality control split pair results for islet cell antigen ( IA-2ic) measures, by network and overall, T1DGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
IA-2ic values in DK units/ml					
N	975	2480	3299	323	7077
Mean	59.09	65.90	93.53	89.91	78.94
Standard Deviation	150.52	141.50	158.68	185.56	153.80
Percent Positive	35.08	47.14	50.05	52.01	47.05
<b>QC PAIRS</b>					
IA-2ic values in DK units/ml					
N	88	217	286	41	632
Mean Difference	1.03	-1.32	-0.51	4.92	-0.22
Standard Deviation	12.31	16.97	10.26	29.17	14.95
Percent Concordance with Original Positive/Negative Call	97.73	100.00	98.95	100.00	99.21
R	1.00	0.99	1.00	0.96	0.99
Technical Error	8.69	12.01	7.25	20.67	10.56
Internal CV	9.1, 7.7	22, 20	9.1, 7.7	22, 20	.
<p>R = Correlation between pairs                      Technical error as a percentage of the means                      Internal coefficient of variation for lower and upper QC pools for assay period</p> <p>Note: Samples from Asia-Pacific were assayed in the North American laboratory in Denver, Colorado, USA. Samples from Europe and the United Kingdom were assayed in the same laboratory in Bristol, UK.</p>					

**AA Table 5. Quality control split pair results for thyroid peroxidase (TPO) measures, by network and overall, T1DGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
TPO values in WHO units/ml					
N	975	2479	3296	323	7073
Mean	23.89	28.96	26.98	30.96	27.43
Standard Deviation	52.39	56.81	55.71	61.14	55.93
Percent Positive	23.65	27.86	26.11	26.80	26.42
<b>QC PAIRS</b>					
TPO values in WHO units/ml					
N	88	217	286	41	632
Mean Difference	1.05	1.48	0.37	-0.05	0.82
Standard Deviation	9.47	13.88	9.26	5.40	10.92
Percent Concordance with Original Positive/Indeterminate/Negative Call	87.50	95.39	98.25	100.00	95.89
R	0.98	0.98	0.98	1.00	0.98
Technical Error	6.70	9.85	6.54	3.77	7.74
Internal CV	6.1, 8.7	6.1, 8.7	6.1, 8.7	6.1, 8.7	.
R = Correlation between pairs Technical error as a percentage of the means Internal coefficient of variation for lower and upper QC pools for assay period Note: All samples were assayed in the North American laboratory in Denver, Colorado, USA.					

*AA Table 6. Quality control split pair results for transglutaminase (TG) measures, by network and overall, T1DGC, February 10, 2011*

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
TG (expressed as index)					
N	975	2479	3296	323	7073
Mean	0.05	0.03	0.03	0.04	0.03
Standard Deviation	0.16	0.13	0.15	0.18	0.14
Percent Positive	17.36	10.60	13.35	12.65	12.98
<b>QC PAIRS</b>					
TG (expressed as index)					
N	88	217	286	41	632
Mean Difference	0.00	0.00	0.00	0.00	0.00
Standard Deviation	0.03	0.01	0.01	0.01	0.02
Percent Concordance with Original Positive/Negative Call	95.45	98.62	100.00	97.56	98.73
R	0.97	0.99	0.99	0.98	0.98
Technical Error	0.02	0.01	0.01	0.01	0.01
Internal CV	5.9	5.9	5.9	5.9	.
R = Correlation between pairs Technical error as a percentage of the means Internal coefficient of variation for upper QC pools for assay period $\text{Index} = \frac{[\text{sample CPM} - \text{negative control CPM}]}{[\text{positive control CPM} - \text{negative control CPM}]}$ Note: All samples were assayed in the North American laboratory in Denver, Colorado, USA.					

*AA Table 7. Quality control split pair results for 21-hydroxylase ( 21-OH) measures, by network and overall, T1DGC, February 10, 2011*

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
21-OH (expressed as index)					
N	975	2479	3296	323	7073
Mean	0.01	0.01	0.00	0.01	0.01
Standard Deviation	0.14	0.10	0.11	0.10	0.11
Percent Positive	3.92	2.98	6.55	4.20	4.27
<b>QC PAIRS</b>					
21-OH (expressed as index)					
N	88	217	286	41	632
Mean Difference	0.00	0.00	0.00	0.00	0.00
Standard Deviation	0.02	0.02	0.02	0.03	0.02
Percent Concordance with Original Positive/Negative Call	100.00	100.00	100.00	100.00	100.00
R	0.86	0.98	0.99	0.52	0.98
Technical Error	0.01	0.01	0.01	0.02	0.01
Internal CV	6.1, 8.7	6.1, 8.7	6.1, 8.7	6.1, 8.7	.
<p>R = Correlation between pairs                      Technical error as a percentage of the means                      Internal coefficient of variation for upper QC pools for assay period                      Index = [sample CPM – negative control CPM] / [positive control CPM – negative control CPM]                      Note: All samples were assayed in the North American laboratory in Denver, Colorado, USA.</p>					

**AA Table 8. Quality control split pair results for hydrogen potassium ATPase (H+/K+ ATPase) measures, by network and overall, T1DGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
<b>T1DGC SAMPLES</b>					
HK-ATPase					
N	975	2478	3296	323	7072
Mean	0.09	0.16	0.10	0.08	0.12
Standard Deviation	0.25	0.33	0.27	0.24	0.29
Percent Positive	25.77	40.86	30.85	28.98	33.63
<b>QC PAIRS</b>					
HK-ATPase					
N	88	217	286	41	632
Mean Difference	0.00	0.00	0.00	0.00	0.00
Standard Deviation	0.03	0.04	0.02	0.01	0.03
Percent Concordance with Original Positive/Indeterminate/Negative Call	94.32	97.70	98.95	100.00	97.94
R	0.99	0.99	1.00	1.00	1.00
Technical Error	0.03	0.03	0.01	0.01	0.02
Intra-assay CV					2.6% (max) 11.1% (control) 4.5% (mid)
<p>R = Correlation between pairs                      Technical error as a percentage of the means</p> <p>All samples were assayed over a total of 12 runs, with each run comprised of from between 4 to 22 96-well plates of samples and standards; each sample was duplicated on a separate plate. Every plate had one well derived from a pool of samples that historically had the very high titers and was used to represent the maximum immunoprecipitability of the probe (MAX). A series of 5 historically low titer samples were run on each plate as negative controls; the mean of those was the background (CONTROL). There was no low range sample. The mid-range sample (MID) which was from a higher titer sample diluted 1:40 in pooled negative control serum which gave about 40% binding of the probe.</p> <p>From MAX, CONTROL and MID values (expressed as cpm), the CV for each of the 12 batches was derived to represent an intra-assay CV. The mean of these intra-assay CVs were used to to represent the typical CV: 2.6% (MAX), 11.1% (CONTROL) and 4.5% (MID)</p> <p>Note: All samples were assayed in the North American laboratory in Denver, Colorado, USA.</p>					



**AA Table 9a. Summary Statistics for Zinc Transporter 8 (ZnT8)\_CWCR\* , by network and overall, TIDGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
N	210	388	845	61	1504
Mean	0.10	0.15	0.15	0.12	0.14
Standard Deviation	0.18	0.23	0.22	0.19	0.21
Percent Positive	43.69	59.67	64.15	58.62	59.86

\*ZnT8\_CWCR: A tandem heterodimer containing the two polymorphic variants (C-Arg/C-Trp) separated by a flexible linker.

Note 1: No blind duplicates were measured.

Note 2: All samples were assayed in the North American laboratory in Denver, Colorado, USA.

**AA Table 9b. Summary Statistics for Zinc Transporter 8 (ZnT8)\_CRCR\* , by network and overall, TIDGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
N	179	333	756	45	1313
Mean	0.11	0.16	0.16	0.16	0.15
Standard Deviation	0.20	0.25	0.23	0.23	0.23
Percent Positive	50.30	60.82	67.77	68.18	63.59

\*ZnT8\_CRCR: Homodimer of the C-Arg polymorphic variant (C-Arg/C-Arg).

Note 1: No blind duplicates were measured.

Note 2: All samples were assayed in the North American laboratory in Denver, Colorado, USA.

Note 3: Assays were performed only on samples that were clearly or marginally CWCR positive.

**AA Table 9c. Summary Statistics for Zinc Transporter 8 (ZnT8)\_CWCW\* , by network and overall, TIDGC, February 10, 2011**

	Asia-Pacific	European	North American	United Kingdom	Overall
N	179	333	756	45	1313
Mean	0.08	0.13	0.12	0.09	0.12
Standard Deviation	0.17	0.24	0.20	0.17	0.21
Percent Positive	42.68	57.46	58.76	53.49	56.04

\*ZnT8\_CWCW: Homodimer of the C-Trp polymorphic variant (C-Trp/C-Trp).

Note 1: No blind duplicates were measured.

Note 2: All samples were assayed in the North American laboratory in Denver, Colorado, USA.

Note 3: Assays were performed only on samples that were clearly or marginally CWCR positive.

**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	164.30359	<b>Sum Observations</b>	160196
<b>Std Deviation</b>	307.457107	<b>Variance</b>	94529.8728
<b>Skewness</b>	2.05672218	<b>Kurtosis</b>	2.98179221
<b>Uncorrected SS</b>	118392874	<b>Corrected SS</b>	92072096.1
<b>Coeff Variation</b>	187.127444	<b>Std Error Mean</b>	9.84650779

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	164.3036	<b>Std Deviation</b>	307.45711
<b>Median</b>	14.0000	<b>Variance</b>	94530
<b>Mode</b>	0.0000	<b>Range</b>	1312
		<b>Interquartile Range</b>	130.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	16.68648	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	350.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	123025.5	<b>Pr &gt;=  S </b>	<.0001

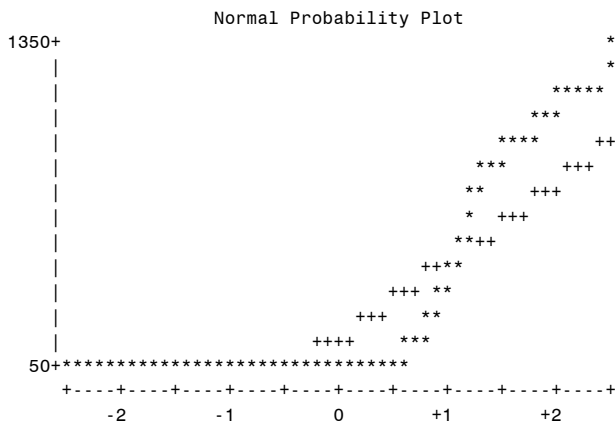
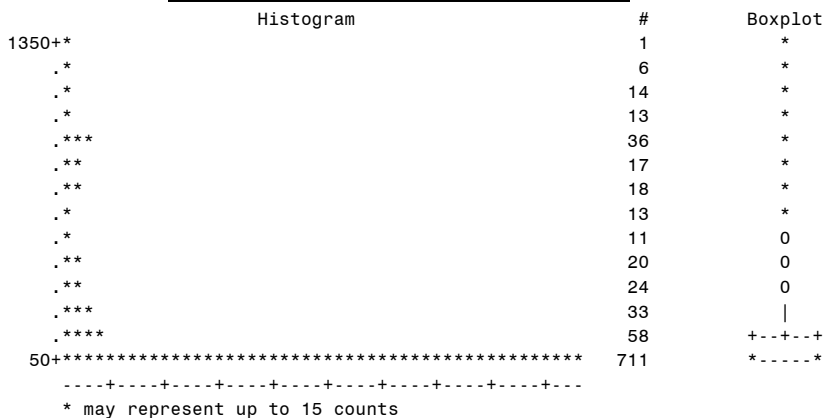
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1312
<b>99%</b>	1178
<b>95%</b>	953
<b>90%</b>	761
<b>75% Q3</b>	130
<b>50% Median</b>	14
<b>25% Q1</b>	0
<b>10%</b>	0
<b>5%</b>	0
<b>1%</b>	0
<b>0% Min</b>	0

The UNIVARIATE Procedure  
 Variable: gad65 (glutamic acid decarboxylase65)

region=Asia-Pacific

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	2410	1219	2299
0	2409	1220	683
0	2408	1260	1103
0	2407	1295	1760
0	2406	1312	122

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

region=European

Moments			
<b>N</b>	2480	<b>Sum Weights</b>	2480
<b>Mean</b>	179.527419	<b>Sum Observations</b>	445228
<b>Std Deviation</b>	296.063427	<b>Variance</b>	87653.5531
<b>Skewness</b>	1.85559952	<b>Kurtosis</b>	2.6333956
<b>Uncorrected SS</b>	297223792	<b>Corrected SS</b>	217293158
<b>Coeff Variation</b>	164.912652	<b>Std Error Mean</b>	5.94509669

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	179.5274	<b>Std Deviation</b>	296.06343
<b>Median</b>	22.0000	<b>Variance</b>	87654
<b>Mode</b>	0.0000	<b>Range</b>	1623
		<b>Interquartile Range</b>	212.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	30.19756	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	1136.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	1292201	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1623.0
<b>99%</b>	1210.0
<b>95%</b>	842.5
<b>90%</b>	692.0
<b>75% Q3</b>	215.0
<b>50% Median</b>	22.0
<b>25% Q1</b>	3.0
<b>10%</b>	1.0
<b>5%</b>	0.0
<b>1%</b>	0.0
<b>0% Min</b>	0.0

**The UNIVARIATE Procedure**

**Variable: gad65 (glutamic acid decarboxylase65)**

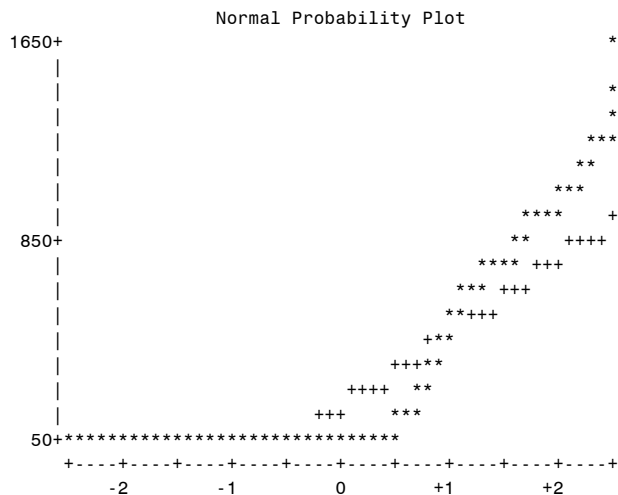
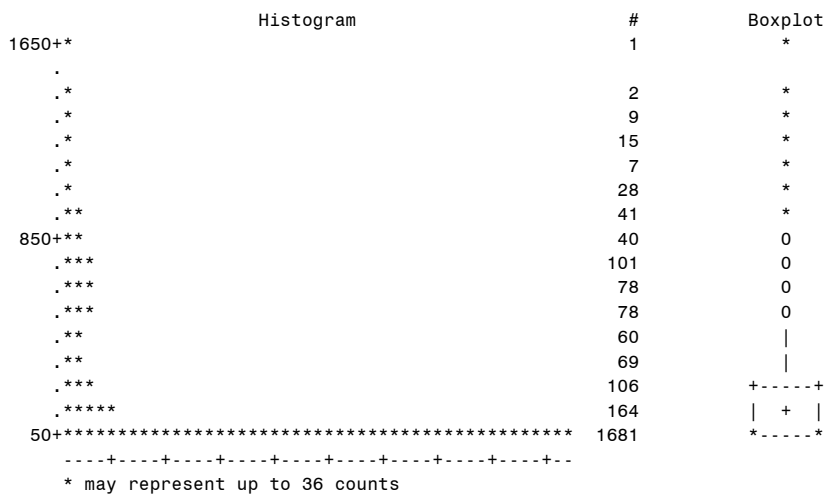
**region=European**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	7876	1364	4972
0	7865	1394	7466
0	7834	1461	7683
0	7820	1462	7938
0	7799	1623	7786

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4062	62.09	100.00

The UNIVARIATE Procedure  
 Variable: gad65 (glutamic acid decarboxylase65)

region=European





**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

region=North American

Moments			
<b>N</b>	3299	<b>Sum Weights</b>	3299
<b>Mean</b>	139.208851	<b>Sum Observations</b>	459250
<b>Std Deviation</b>	277.741402	<b>Variance</b>	77140.2866
<b>Skewness</b>	2.39510918	<b>Kurtosis</b>	5.22447958
<b>Uncorrected SS</b>	318340330	<b>Corrected SS</b>	254408665
<b>Coeff Variation</b>	199.514183	<b>Std Error Mean</b>	4.83558995

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	139.2089	<b>Std Deviation</b>	277.74140
<b>Median</b>	6.0000	<b>Variance</b>	77140
<b>Mode</b>	0.0000	<b>Range</b>	1724
		<b>Interquartile Range</b>	104.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	28.78839	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	960	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	922080	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1724
<b>99%</b>	1141
<b>95%</b>	830
<b>90%</b>	617
<b>75% Q3</b>	104
<b>50% Median</b>	6
<b>25% Q1</b>	0
<b>10%</b>	0
<b>5%</b>	0
<b>1%</b>	0
<b>0% Min</b>	0

**The UNIVARIATE Procedure**

**Variable: gad65 (glutamic acid decarboxylase65)**

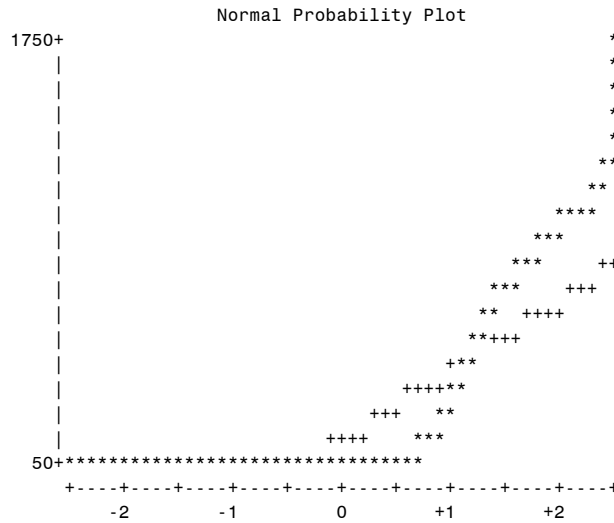
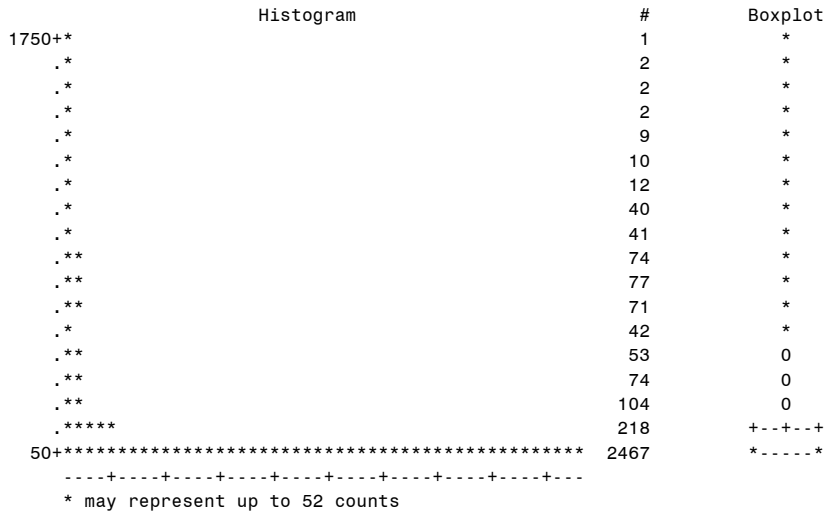
**region=North American**

<b>Extreme Observations</b>			
<b>Lowest</b>		<b>Highest</b>	
<b>Value</b>	<b>Obs</b>	<b>Value</b>	<b>Obs</b>
0	18285	1530	18242
0	18284	1593	14207
0	18276	1636	9912
0	18275	1692	14961
0	18274	1724	9396

<b>Missing Values</b>			
<b>Missing Value</b>	<b>Count</b>	<b>Percent Of</b>	
		<b>All Obs</b>	<b>Missing Obs</b>
.	6847	67.48	100.00

The UNIVARIATE Procedure  
 Variable: gad65 (glutamic acid decarboxylase65)

region=North American



**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

region=United Kingdom

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	162.083591	<b>Sum Observations</b>	52353
<b>Std Deviation</b>	289.723818	<b>Variance</b>	83939.8905
<b>Skewness</b>	2.04461084	<b>Kurtosis</b>	3.28694863
<b>Uncorrected SS</b>	35514207	<b>Corrected SS</b>	27028644.7
<b>Coeff Variation</b>	178.749629	<b>Std Error Mean</b>	16.1206644

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	162.0836	<b>Std Deviation</b>	289.72382
<b>Median</b>	13.0000	<b>Variance</b>	83940
<b>Mode</b>	0.0000	<b>Range</b>	1280
		<b>Interquartile Range</b>	137.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	10.0544	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	148	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	21978	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1280
<b>99%</b>	1183
<b>95%</b>	829
<b>90%</b>	663
<b>75% Q3</b>	140
<b>50% Median</b>	13
<b>25% Q1</b>	3
<b>10%</b>	1
<b>5%</b>	0
<b>1%</b>	0
<b>0% Min</b>	0

**The UNIVARIATE Procedure**

**Variable: gad65 (glutamic acid decarboxylase65)**

**region=United Kingdom**

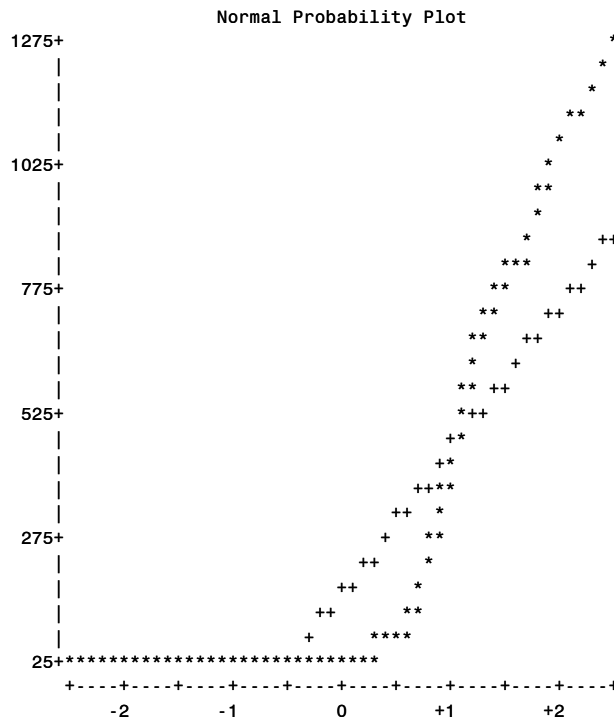
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	19884	1136	19863
0	19859	1183	19864
0	19842	1211	19623
0	19831	1276	19680
0	19776	1280	19410

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6998	95.59	100.00



**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

**region=United Kingdom**



The UNIVARIATE Procedure  
 Variable: gad65 (glutamic acid decarboxylase65)

region=Overall

Moments			
<b>N</b>	7077	<b>Sum Weights</b>	7077
<b>Mean</b>	157.839056	<b>Sum Observations</b>	1117027
<b>Std Deviation</b>	289.529139	<b>Variance</b>	83827.1221
<b>Skewness</b>	2.12292475	<b>Kurtosis</b>	3.7386705
<b>Uncorrected SS</b>	769471203	<b>Corrected SS</b>	593160716
<b>Coeff Variation</b>	183.433141	<b>Std Error Mean</b>	3.44165775

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	157.8391	<b>Std Deviation</b>	289.52914
<b>Median</b>	14.0000	<b>Variance</b>	83827
<b>Mode</b>	0.0000	<b>Range</b>	1724
		<b>Interquartile Range</b>	138.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	45.86135	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	2595	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	6735323	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1724
<b>99%</b>	1178
<b>95%</b>	870
<b>90%</b>	663
<b>75% Q3</b>	138
<b>50% Median</b>	14
<b>25% Q1</b>	0
<b>10%</b>	0
<b>5%</b>	0
<b>1%</b>	0
<b>0% Min</b>	0



**The UNIVARIATE Procedure**

**Variable: gad65 (glutamic acid decarboxylase65)**

**region=Overall**

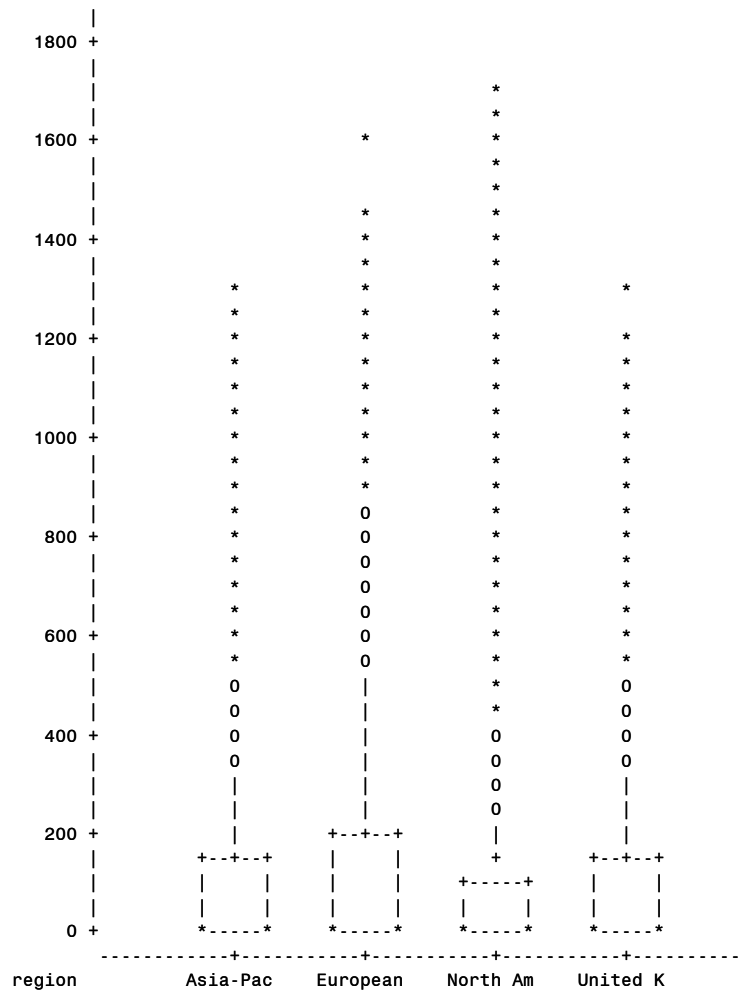
<b>Extreme Observations</b>			
<b>Lowest</b>		<b>Highest</b>	
<b>Value</b>	<b>Obs</b>	<b>Value</b>	<b>Obs</b>
0	46380	1593	40703
0	46355	1623	34282
0	46338	1636	36408
0	46327	1692	41457
0	46272	1724	35892

<b>Missing Values</b>			
<b>Missing Value</b>	<b>Count</b>	<b>Percent Of</b>	
		<b>All Obs</b>	<b>Missing Obs</b>
.	19419	73.29	100.00



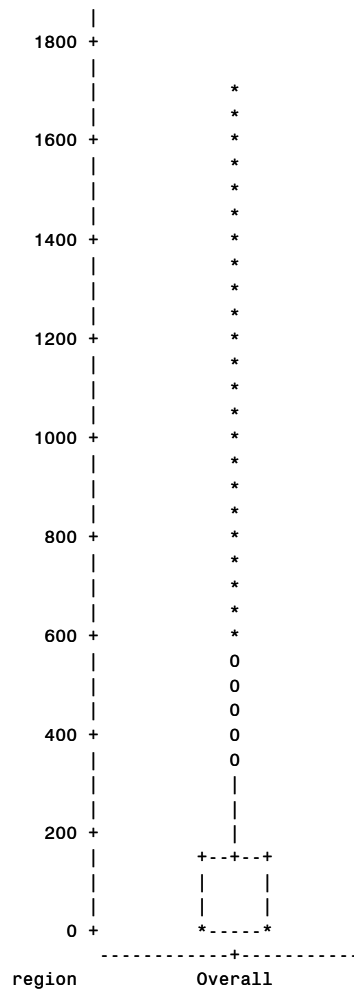
**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: gad65 (glutamic acid decarboxylase65)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	59.0916923	<b>Sum Observations</b>	57614.4
<b>Std Deviation</b>	150.51669	<b>Variance</b>	22655.2739
<b>Skewness</b>	2.99412455	<b>Kurtosis</b>	8.09003292
<b>Uncorrected SS</b>	25470769.1	<b>Corrected SS</b>	22066236.7
<b>Coeff Variation</b>	254.717176	<b>Std Error Mean</b>	4.82039193

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	59.09169	<b>Std Deviation</b>	150.51669
<b>Median</b>	0.00000	<b>Variance</b>	22655
<b>Mode</b>	0.00000	<b>Range</b>	750.70000
		<b>Interquartile Range</b>	16.60000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	12.25869	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	224.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	50512.5	<b>Pr &gt;=  S </b>	<.0001

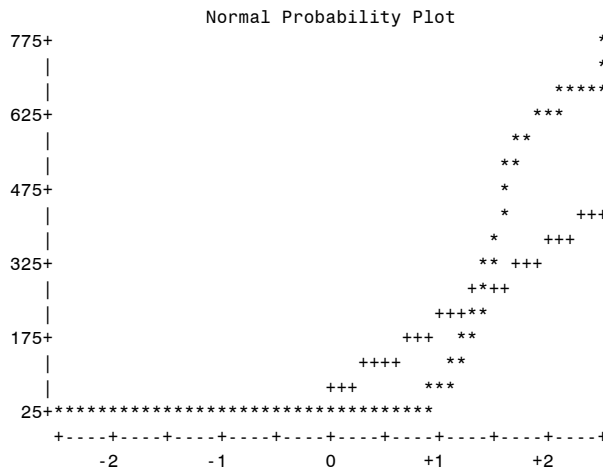
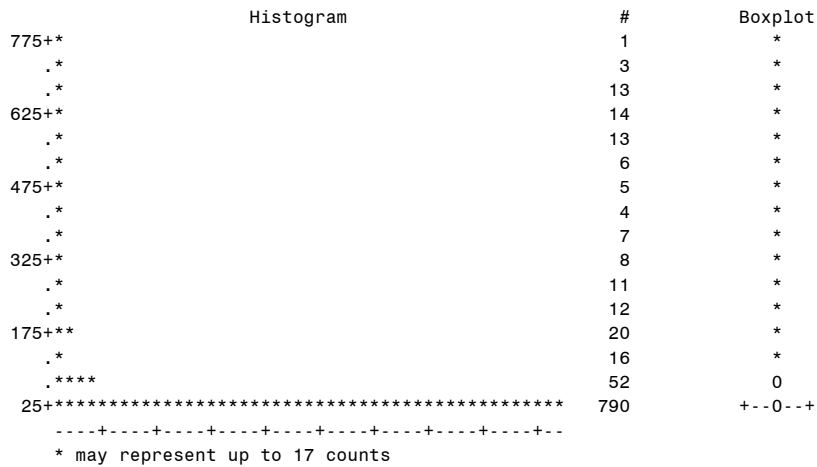
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	750.7
<b>99%</b>	667.8
<b>95%</b>	516.6
<b>90%</b>	198.1
<b>75% Q3</b>	16.6
<b>50% Median</b>	0.0
<b>25% Q1</b>	0.0
<b>10%</b>	0.0
<b>5%</b>	0.0
<b>1%</b>	0.0
<b>0% Min</b>	0.0

The UNIVARIATE Procedure  
Variable: ia\_2ic (islet cell antigen)

region=Asia-Pacific

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	2410	691.7	1281
0	2409	700.6	172
0	2408	704.9	1471
0	2407	736.9	2017
0	2406	750.7	2027

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=European

Moments			
<b>N</b>	2480	<b>Sum Weights</b>	2480
<b>Mean</b>	65.8994758	<b>Sum Observations</b>	163430.7
<b>Std Deviation</b>	141.500002	<b>Variance</b>	20022.2505
<b>Skewness</b>	2.86696532	<b>Kurtosis</b>	8.92657445
<b>Uncorrected SS</b>	60405156.4	<b>Corrected SS</b>	49635158.9
<b>Coeff Variation</b>	214.720982	<b>Std Error Mean</b>	2.84138841

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	65.89948	<b>Std Deviation</b>	141.50000
<b>Median</b>	1.35000	<b>Variance</b>	20022
<b>Mode</b>	0.30000	<b>Range</b>	1048
		<b>Interquartile Range</b>	46.65000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	t	23.1927	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	1163.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	1354314	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1048.20
<b>99%</b>	663.30
<b>95%</b>	394.35
<b>90%</b>	254.35
<b>75% Q3</b>	47.05
<b>50% Median</b>	1.35
<b>25% Q1</b>	0.40
<b>10%</b>	0.10
<b>5%</b>	0.00
<b>1%</b>	0.00
<b>0% Min</b>	0.00

**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=European

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	7943	852.4	5931
0	7924	859.7	5678
0	7913	954.8	3695
0	7896	963.8	3092
0	7772	1048.2	5899

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4062	62.09	100.00

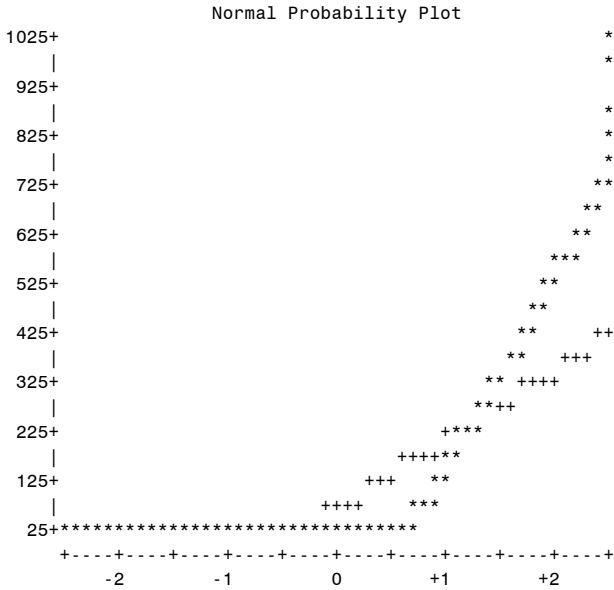


**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=European

Bin	Histogram	#	Boxplot
1025+*	.	1	*
925+*	.	2	*
825+*	.	2	*
725+*	.	6	*
625+*	.	6	*
525+*	.	8	*
425+*	.	8	*
325+**	.	16	*
225+**	.	13	*
125+**	.	31	*
25+*****	.	26	*
	.	29	*
	.	47	*
	.	57	*
	.	63	0
	.	74	0
	.	159	+
	.	1872	+-----+

-----+-----+-----+-----+-----+-----+-----+-----+-----+  
 \* may represent up to 39 counts



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=North American

Moments			
<b>N</b>	3299	<b>Sum Weights</b>	3299
<b>Mean</b>	93.52816	<b>Sum Observations</b>	308549.4
<b>Std Deviation</b>	158.678214	<b>Variance</b>	25178.7755
<b>Skewness</b>	1.74133398	<b>Kurtosis</b>	1.80272897
<b>Uncorrected SS</b>	111897659	<b>Corrected SS</b>	83039601.8
<b>Coeff Variation</b>	169.658222	<b>Std Error Mean</b>	2.76265177

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	93.52816	<b>Std Deviation</b>	158.67821
<b>Median</b>	3.10000	<b>Variance</b>	25179
<b>Mode</b>	0.00000	<b>Range</b>	775.50000
		<b>Interquartile Range</b>	111.20000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	33.85449	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	887	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	787212.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	775.5
<b>99%</b>	564.4
<b>95%</b>	485.8
<b>90%</b>	384.6
<b>75% Q3</b>	111.2
<b>50% Median</b>	3.1
<b>25% Q1</b>	0.0
<b>10%</b>	0.0
<b>5%</b>	0.0
<b>1%</b>	0.0
<b>0% Min</b>	0.0

**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**region=North American**

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	18284	649.3	14735
0	18281	660.0	11098
0	18280	665.7	14449
0	18279	668.7	14503
0	18276	775.5	11102

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6847	67.48	100.00



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=United Kingdom

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	89.9120743	<b>Sum Observations</b>	29041.6
<b>Std Deviation</b>	185.560767	<b>Variance</b>	34432.7981
<b>Skewness</b>	2.72820853	<b>Kurtosis</b>	8.12330558
<b>Uncorrected SS</b>	13698551.5	<b>Corrected SS</b>	11087361
<b>Coeff Variation</b>	206.380253	<b>Std Error Mean</b>	10.3248773

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	89.91207	<b>Std Deviation</b>	185.56077
<b>Median</b>	2.50000	<b>Variance</b>	34433
<b>Mode</b>	0.40000	<b>Range</b>	1110
		<b>Interquartile Range</b>	68.80000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	8.708295	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	156.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	24570.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1109.8
<b>99%</b>	751.3
<b>95%</b>	498.6
<b>90%</b>	349.7
<b>75% Q3</b>	69.2
<b>50% Median</b>	2.5
<b>25% Q1</b>	0.4
<b>10%</b>	0.2
<b>5%</b>	0.1
<b>1%</b>	0.0
<b>0% Min</b>	0.0

**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**region=United Kingdom**

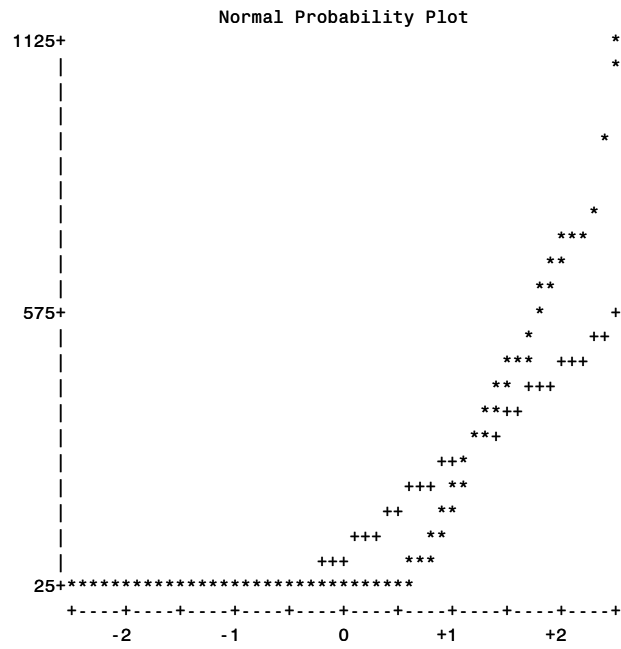
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	19859	738.9	19763
0	19684	751.3	19561
0	19656	935.7	19709
0	19635	1087.3	19624
0	19632	1109.8	19797

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6998	95.59	100.00



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**region=United Kingdom**





**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=Overall

Moments			
<b>N</b>	7077	<b>Sum Weights</b>	7077
<b>Mean</b>	78.9368518	<b>Sum Observations</b>	558636.1
<b>Std Deviation</b>	153.79832	<b>Variance</b>	23653.9233
<b>Skewness</b>	2.30409412	<b>Kurtosis</b>	4.9653224
<b>Uncorrected SS</b>	211472136	<b>Corrected SS</b>	167375161
<b>Coeff Variation</b>	194.83716	<b>Std Error Mean</b>	1.82821385

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	78.93685	<b>Std Deviation</b>	153.79832
<b>Median</b>	1.20000	<b>Variance</b>	23654
<b>Mode</b>	0.00000	<b>Range</b>	1110
		<b>Interquartile Range</b>	67.70000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	43.17703	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	2431.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	5913408	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1109.8
<b>99%</b>	621.8
<b>95%</b>	470.1
<b>90%</b>	322.0
<b>75% Q3</b>	67.7
<b>50% Median</b>	1.2
<b>25% Q1</b>	0.0
<b>10%</b>	0.0
<b>5%</b>	0.0
<b>1%</b>	0.0
<b>0% Min</b>	0.0

**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

region=Overall

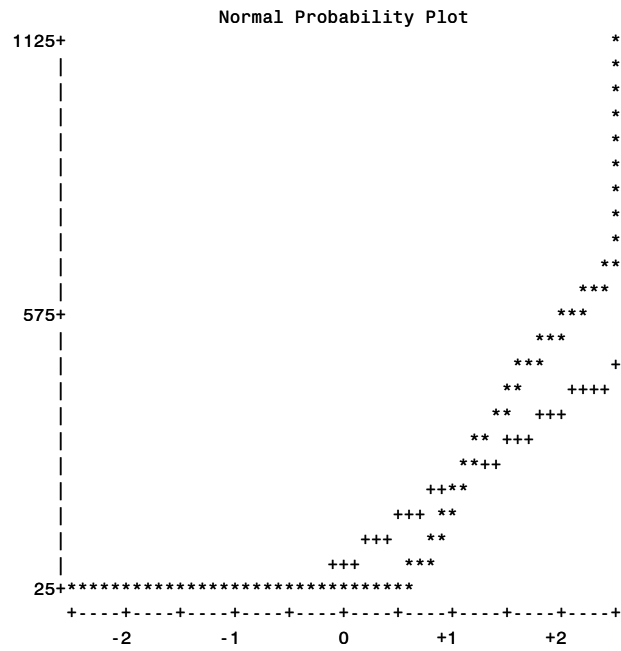
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	46355	954.8	30191
0	46180	963.8	29588
0	46152	1048.2	32395
0	46131	1087.3	46120
0	46128	1109.8	46293

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	19419	73.29	100.00



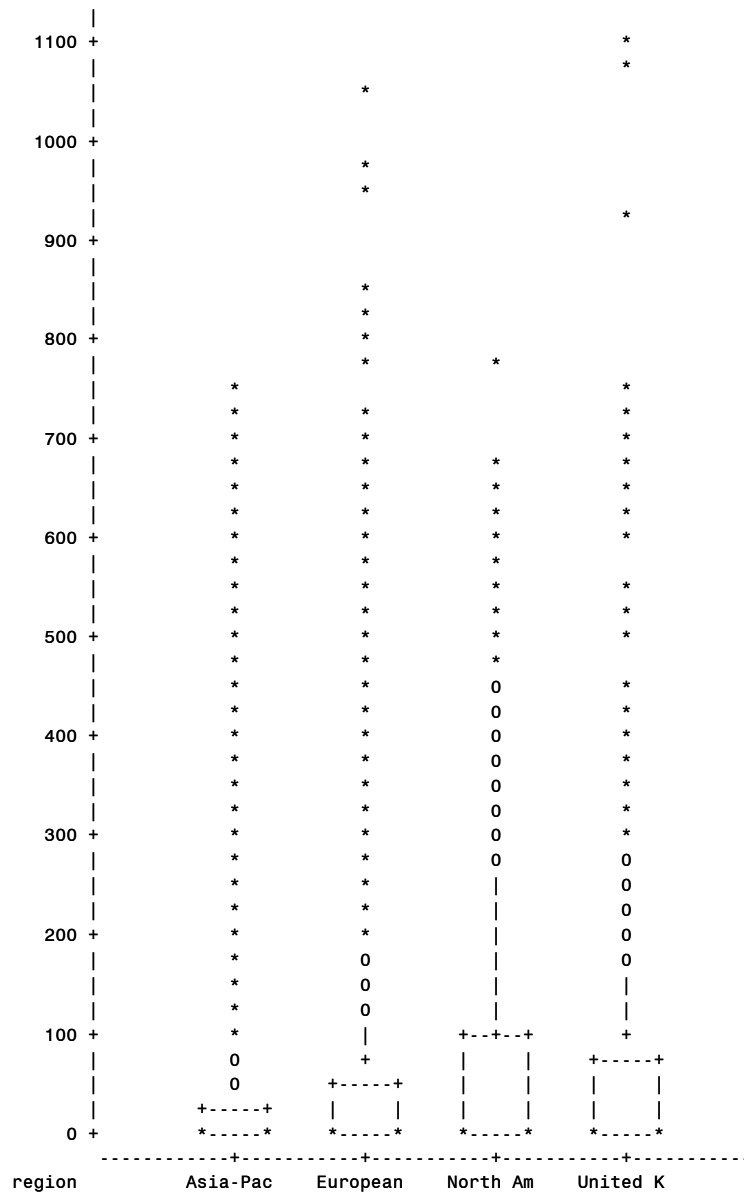
**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**region=Overall**



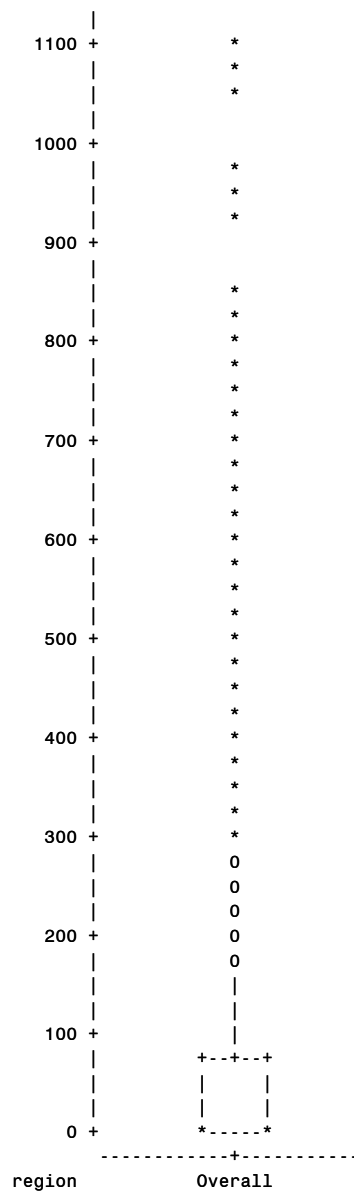
**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: ia\_2ic (islet cell antigen)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	23.8890051	<b>Sum Observations</b>	23291.78
<b>Std Deviation</b>	52.3870945	<b>Variance</b>	2744.40768
<b>Skewness</b>	2.01959356	<b>Kurtosis</b>	2.46384683
<b>Uncorrected SS</b>	3229470.53	<b>Corrected SS</b>	2673053.08
<b>Coeff Variation</b>	219.293747	<b>Std Error Mean</b>	1.67772975

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	23.88901	<b>Std Deviation</b>	52.38709
<b>Median</b>	0.00000	<b>Variance</b>	2744
<b>Mode</b>	0.00000	<b>Range</b>	225.16000
		<b>Interquartile Range</b>	2.19000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	14.23889	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	239	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	61028.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	225.14
<b>99%</b>	180.64
<b>95%</b>	155.56
<b>90%</b>	133.56
<b>75% Q3</b>	2.19
<b>50% Median</b>	0.00
<b>25% Q1</b>	0.00
<b>10%</b>	0.00
<b>5%</b>	0.00
<b>1%</b>	0.00
<b>0% Min</b>	-0.02

**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=Asia-Pacific

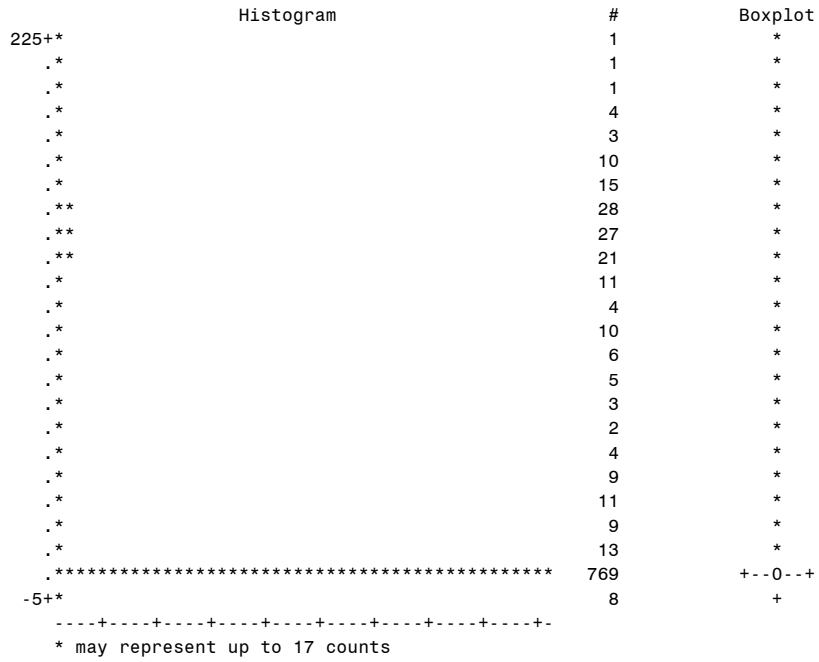
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.02	1819	192.53	1964
-0.02	1776	194.06	858
-0.02	880	202.94	628
-0.01	2058	210.63	2071
-0.01	2035	225.14	1955

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



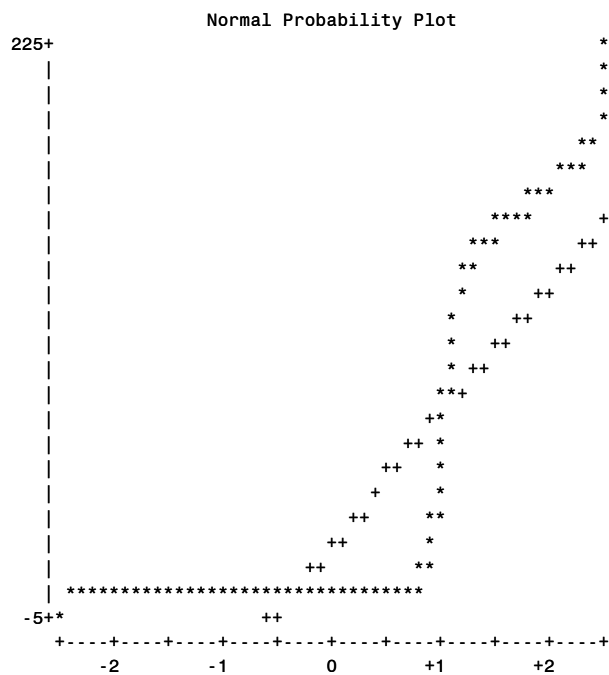
**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=Asia-Pacific



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=Asia-Pacific**



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=European

Moments			
<b>N</b>	2479	<b>Sum Weights</b>	2479
<b>Mean</b>	28.9635216	<b>Sum Observations</b>	71800.57
<b>Std Deviation</b>	56.8140723	<b>Variance</b>	3227.83881
<b>Skewness</b>	1.76002436	<b>Kurtosis</b>	1.54510108
<b>Uncorrected SS</b>	10078181.9	<b>Corrected SS</b>	7998584.58
<b>Coeff Variation</b>	196.157336	<b>Std Error Mean</b>	1.14108411

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	28.96352	<b>Std Deviation</b>	56.81407
<b>Median</b>	0.01000	<b>Variance</b>	3228
<b>Mode</b>	0.00000	<b>Range</b>	240.14000
		<b>Interquartile Range</b>	11.31000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	25.38246	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	620	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	388379.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	240.12
<b>99%</b>	195.33
<b>95%</b>	158.05
<b>90%</b>	142.41
<b>75% Q3</b>	11.31
<b>50% Median</b>	0.01
<b>25% Q1</b>	0.00
<b>10%</b>	0.00
<b>5%</b>	0.00
<b>1%</b>	0.00
<b>0% Min</b>	-0.02

**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=European**

<b>Extreme Observations</b>			
<b>Lowest</b>		<b>Highest</b>	
<b>Value</b>	<b>Obs</b>	<b>Value</b>	<b>Obs</b>
-0.02	5829	228.37	5268
-0.02	4347	228.94	5425
-0.01	2676	230.33	2961
0.00	7972	233.85	3141
0.00	7969	240.12	2706

<b>Missing Values</b>			
<b>Missing Value</b>	<b>Count</b>	<b>Percent Of</b>	
		<b>All Obs</b>	<b>Missing Obs</b>
.	4063	62.11	100.00

The UNIVARIATE Procedure  
 Variable: tpo (thyroid peroxidase)

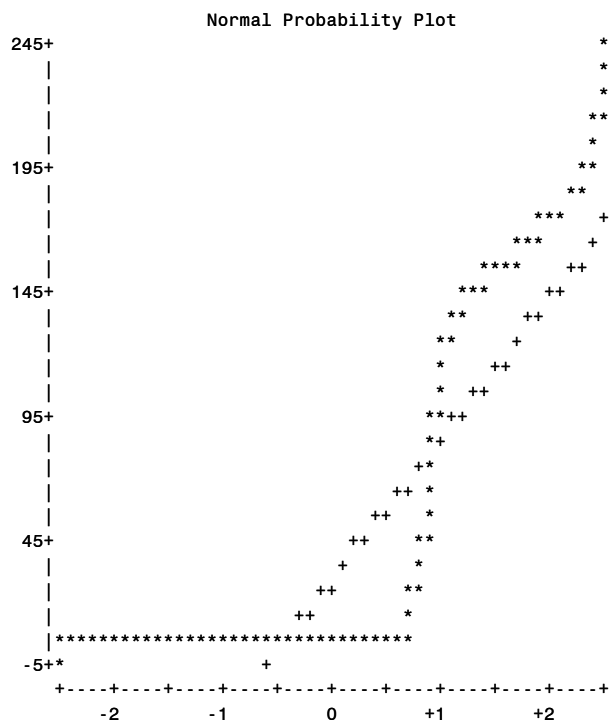
region=European

	Histogram	#	Boxplot
245+*	.	1	*
.	.	2	*
.	.	6	*
.	.	10	*
.	.	2	*
195+*	.	7	*
.	.	11	*
.	.	26	*
.	**	45	*
.	**	73	*
145+***	.	86	*
.	**	65	*
.	*	36	*
.	*	28	*
.	*	20	*
95+*	.	11	*
.	*	8	*
.	*	13	*
.	*	9	*
.	*	11	*
45+*	.	38	0
.	**	40	0
.	**	45	0
.	*	31	+-----+
.	*****	1852	*-----*
-5+*	-----+-----+-----+-----+-----+-----+-----+-----+-----	3	

\* may represent up to 39 counts

**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=European**



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=North American**

Moments			
<b>N</b>	3296	<b>Sum Weights</b>	3296
<b>Mean</b>	26.9767051	<b>Sum Observations</b>	88915.22
<b>Std Deviation</b>	55.7093315	<b>Variance</b>	3103.52962
<b>Skewness</b>	1.88179647	<b>Kurtosis</b>	2.13550388
<b>Uncorrected SS</b>	12624769.8	<b>Corrected SS</b>	10226130.1
<b>Coeff Variation</b>	206.509028	<b>Std Error Mean</b>	0.97036326

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	26.97671	<b>Std Deviation</b>	55.70933
<b>Median</b>	0.04000	<b>Variance</b>	3104
<b>Mode</b>	0.00000	<b>Range</b>	397.80000
		<b>Interquartile Range</b>	4.70000

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	27.80062	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	843.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	793594.5	<b>Pr &gt;=  S </b>	<.0001

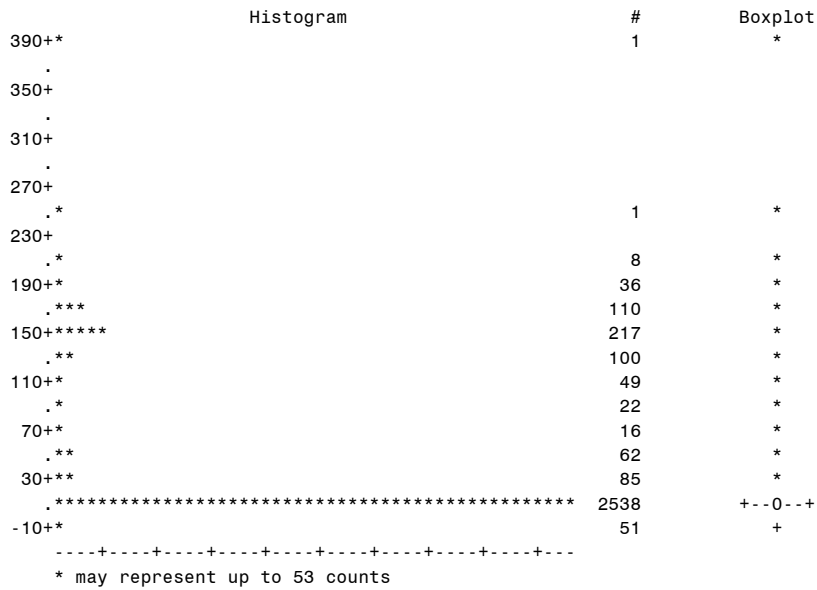
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	397.60
<b>99%</b>	183.37
<b>95%</b>	159.12
<b>90%</b>	143.77
<b>75% Q3</b>	4.70
<b>50% Median</b>	0.04
<b>25% Q1</b>	0.00
<b>10%</b>	0.00
<b>5%</b>	0.00
<b>1%</b>	-0.01
<b>0% Min</b>	-0.20

**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=North American

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.20	14501	205.42	11171
-0.20	14191	205.55	11453
-0.19	14329	208.72	9280
-0.18	12654	244.75	9835
-0.18	12130	397.60	10625

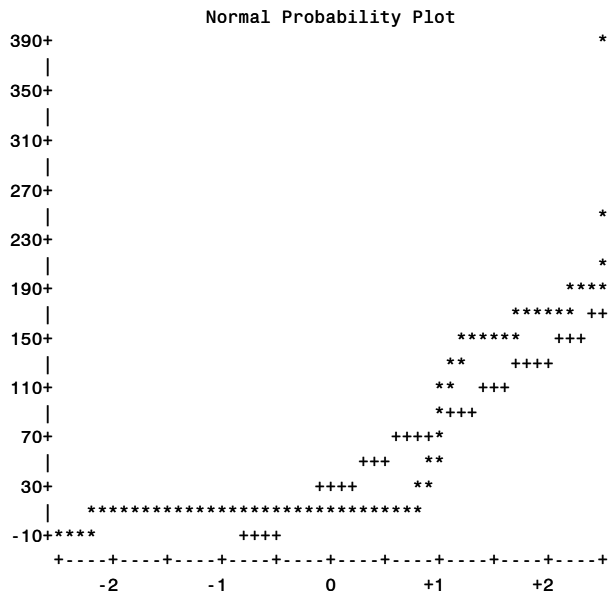
Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6850	67.51	100.00





**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=North American**



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=United Kingdom**

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	30.9640248	<b>Sum Observations</b>	10001.38
<b>Std Deviation</b>	61.1393601	<b>Variance</b>	3738.02135
<b>Skewness</b>	1.75628471	<b>Kurtosis</b>	1.49124691
<b>Uncorrected SS</b>	1513325.85	<b>Corrected SS</b>	1203642.88
<b>Coeff Variation</b>	197.452885	<b>Std Error Mean</b>	3.401885

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	30.96402	<b>Std Deviation</b>	61.13936
<b>Median</b>	0.06000	<b>Variance</b>	3738
<b>Mode</b>	0.00000	<b>Range</b>	226.83000
		<b>Interquartile Range</b>	6.87000

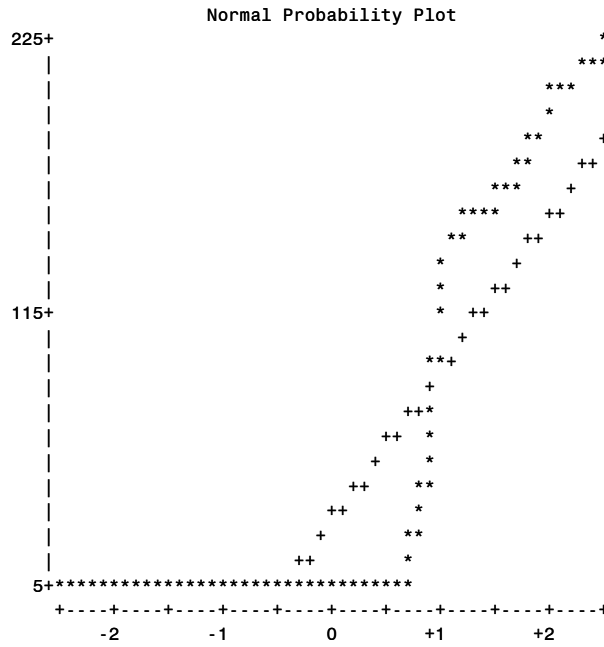
Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	t	9.10202	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	83.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	7014	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	226.83
<b>99%</b>	210.88
<b>95%</b>	166.34
<b>90%</b>	150.94
<b>75% Q3</b>	6.87
<b>50% Median</b>	0.06
<b>25% Q1</b>	0.00
<b>10%</b>	0.00
<b>5%</b>	0.00
<b>1%</b>	0.00
<b>0% Min</b>	0.00



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

region=Overall

Moments			
<b>N</b>	7073	<b>Sum Weights</b>	7073
<b>Mean</b>	27.4295136	<b>Sum Observations</b>	194008.95
<b>Std Deviation</b>	55.9322687	<b>Variance</b>	3128.41869
<b>Skewness</b>	1.84988446	<b>Kurtosis</b>	1.92958569
<b>Uncorrected SS</b>	27445748.1	<b>Corrected SS</b>	22124176.9
<b>Coeff Variation</b>	203.912725	<b>Std Error Mean</b>	0.66505966

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	27.42951	<b>Std Deviation</b>	55.93227
<b>Median</b>	0.02000	<b>Variance</b>	3128
<b>Mode</b>	0.00000	<b>Range</b>	397.80000
		<b>Interquartile Range</b>	5.30000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	41.24369	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	1786	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	3403230	<b>Pr &gt;=  S </b>	<.0001

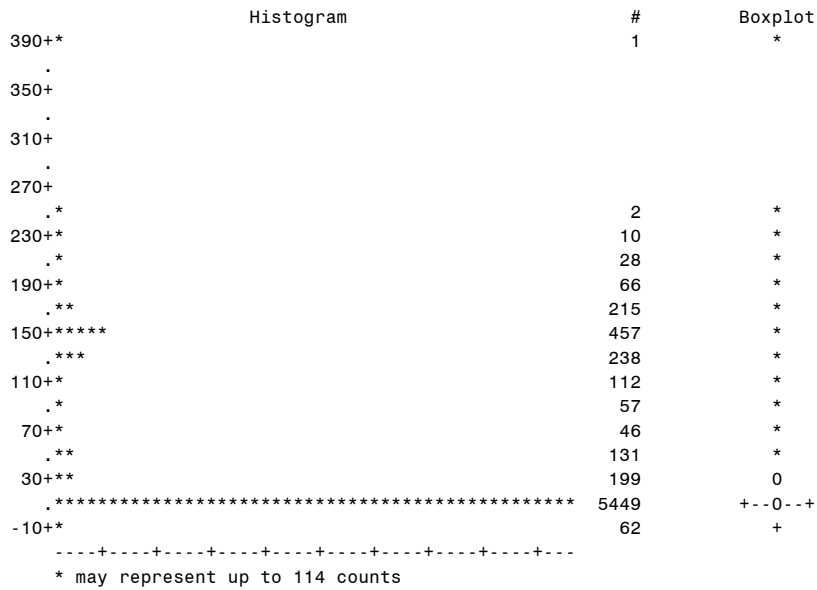
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	397.60
<b>99%</b>	188.12
<b>95%</b>	158.67
<b>90%</b>	142.91
<b>75% Q3</b>	5.30
<b>50% Median</b>	0.02
<b>25% Q1</b>	0.00
<b>10%</b>	0.00
<b>5%</b>	0.00
<b>1%</b>	0.00
<b>0% Min</b>	-0.20

The UNIVARIATE Procedure  
 Variable: tpo (thyroid peroxidase)

region=Overall

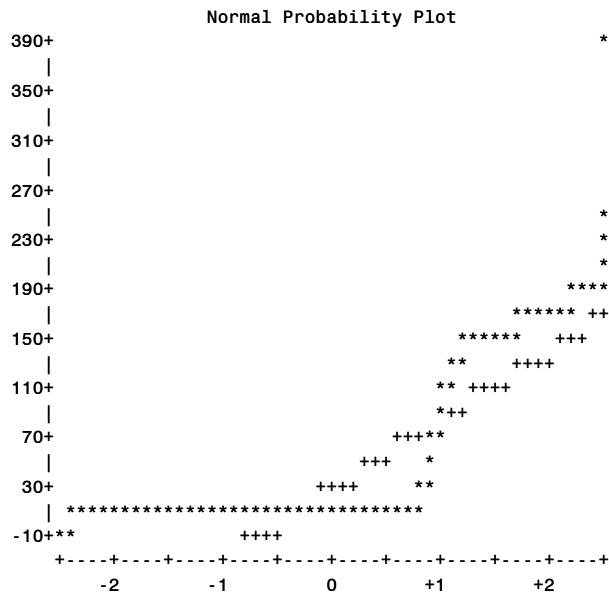
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.20	40997	230.33	29457
-0.20	40687	233.85	29637
-0.19	40825	240.12	29202
-0.18	39150	244.75	36331
-0.18	38626	397.60	37121

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	19423	73.31	100.00



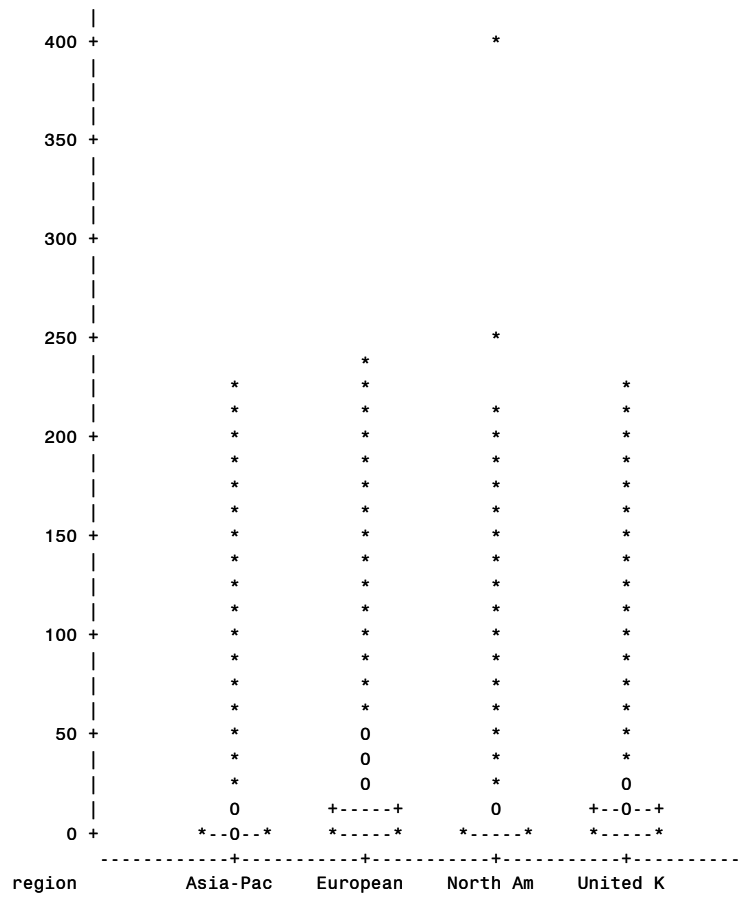
**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**region=Overall**



*The UNIVARIATE Procedure*  
*Variable: tpo (thyroid peroxidase)*

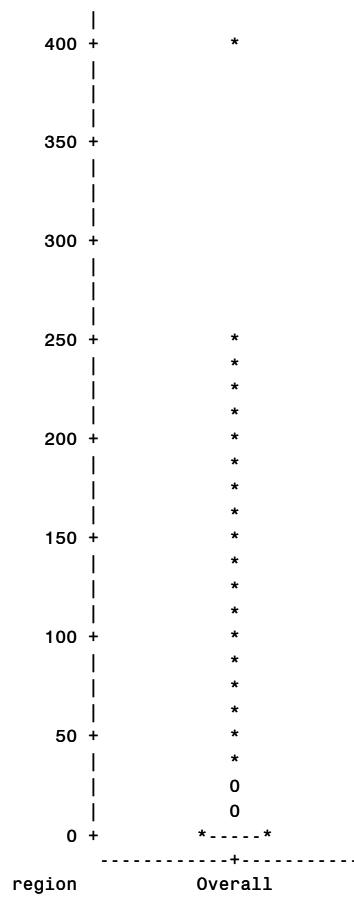
*Schematic Plots*





**The UNIVARIATE Procedure**  
**Variable: tpo (thyroid peroxidase)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	0.0451959	<b>Sum Observations</b>	44.066
<b>Std Deviation</b>	0.16309301	<b>Variance</b>	0.02659933
<b>Skewness</b>	4.66228536	<b>Kurtosis</b>	23.6090906
<b>Uncorrected SS</b>	27.89935	<b>Corrected SS</b>	25.9077476
<b>Coeff Variation</b>	360.857998	<b>Std Error Mean</b>	0.00522316

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.045196	<b>Std Deviation</b>	0.16309
<b>Median</b>	0.002000	<b>Variance</b>	0.02660
<b>Mode</b>	0.001000	<b>Range</b>	1.37800
		<b>Interquartile Range</b>	0.01600

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	8.652985	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	97.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	77549.5	<b>Pr &gt;=  S </b>	<.0001

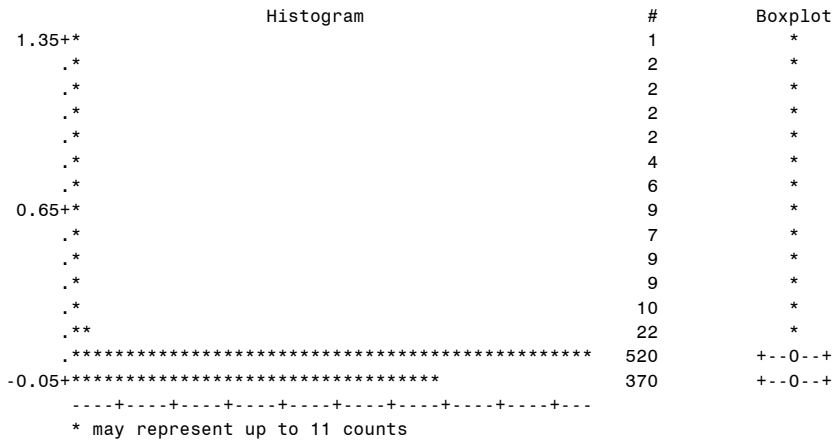
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.339
<b>99%</b>	0.877
<b>95%</b>	0.347
<b>90%</b>	0.054
<b>75% Q3</b>	0.012
<b>50% Median</b>	0.002
<b>25% Q1</b>	-0.004
<b>10%</b>	-0.010
<b>5%</b>	-0.014
<b>1%</b>	-0.018
<b>0% Min</b>	-0.039

The UNIVARIATE Procedure  
Variable: tg (transglutaminase)

region=Asia-Pacific

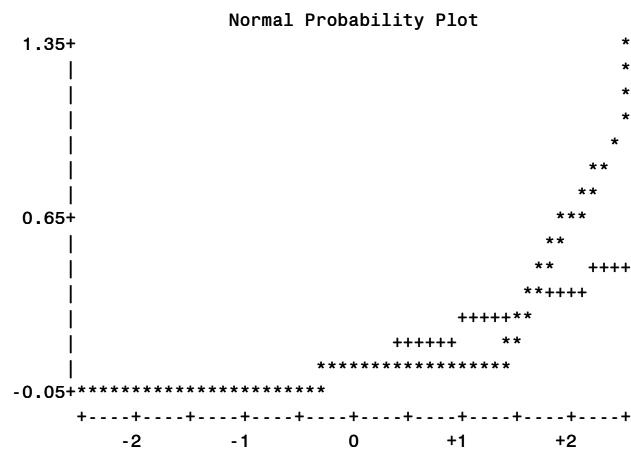
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.039	573	1.100	812
-0.024	643	1.164	1554
-0.023	823	1.216	1622
-0.021	706	1.257	648
-0.020	670	1.339	367

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=Asia-Pacific**



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

region=European

Moments			
<b>N</b>	2479	<b>Sum Weights</b>	2479
<b>Mean</b>	0.0262497	<b>Sum Observations</b>	65.073
<b>Std Deviation</b>	0.1286166	<b>Variance</b>	0.01654223
<b>Skewness</b>	6.63292034	<b>Kurtosis</b>	48.3914823
<b>Uncorrected SS</b>	42.699793	<b>Corrected SS</b>	40.9916464
<b>Coeff Variation</b>	489.973653	<b>Std Error Mean</b>	0.0025832

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.026250	<b>Std Deviation</b>	0.12862
<b>Median</b>	0.001000	<b>Variance</b>	0.01654
<b>Mode</b>	0.001000	<b>Range</b>	1.51200
		<b>Interquartile Range</b>	0.01200

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	10.16168	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	119.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	336831.5	<b>Pr &gt;=  S </b>	<.0001

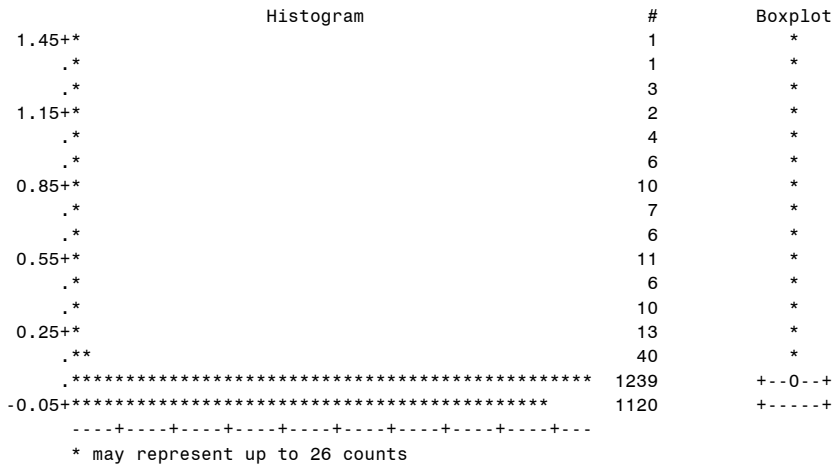
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.490
<b>99%</b>	0.811
<b>95%</b>	0.090
<b>90%</b>	0.024
<b>75% Q3</b>	0.008
<b>50% Median</b>	0.001
<b>25% Q1</b>	-0.004
<b>10%</b>	-0.008
<b>5%</b>	-0.010
<b>1%</b>	-0.014
<b>0% Min</b>	-0.022

*The UNIVARIATE Procedure*  
 Variable: *tg (transglutaminase)*

region=European

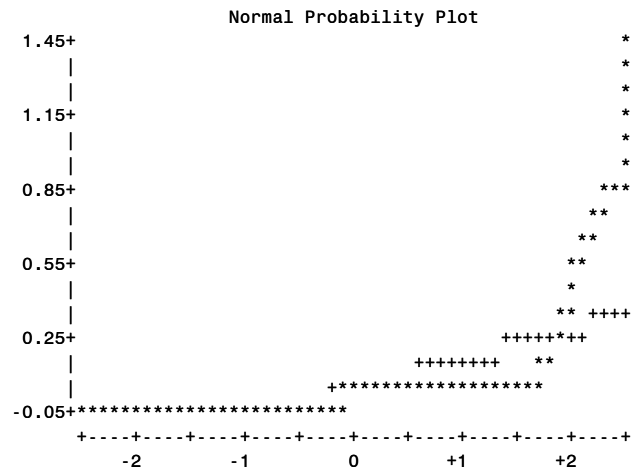
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.022	5774	1.204	4302
-0.018	5145	1.290	4696
-0.017	6625	1.292	4629
-0.017	3579	1.322	4614
-0.016	7320	1.490	7184

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4063	62.11	100.00



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=European**



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=North American**

Moments			
<b>N</b>	3296	<b>Sum Weights</b>	3296
<b>Mean</b>	0.03028519	<b>Sum Observations</b>	99.82
<b>Std Deviation</b>	0.14610399	<b>Variance</b>	0.02134638
<b>Skewness</b>	6.1912754	<b>Kurtosis</b>	44.0843449
<b>Uncorrected SS</b>	73.359378	<b>Corrected SS</b>	70.3363099
<b>Coeff Variation</b>	482.427124	<b>Std Error Mean</b>	0.00254489

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.03029	<b>Std Deviation</b>	0.14610
<b>Median</b>	0.00000	<b>Variance</b>	0.02135
<b>Mode</b>	-0.00400	<b>Range</b>	1.80700
		<b>Interquartile Range</b>	0.01500

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	11.90041	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	11.5	<b>Pr &gt;=  M </b>	0.6959
<b>Signed Rank</b>	<b>S</b>	316137	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.765
<b>99%</b>	0.859
<b>95%</b>	0.136
<b>90%</b>	0.033
<b>75% Q3</b>	0.009
<b>50% Median</b>	0.000
<b>25% Q1</b>	-0.006
<b>10%</b>	-0.013
<b>5%</b>	-0.018
<b>1%</b>	-0.038
<b>0% Min</b>	-0.042

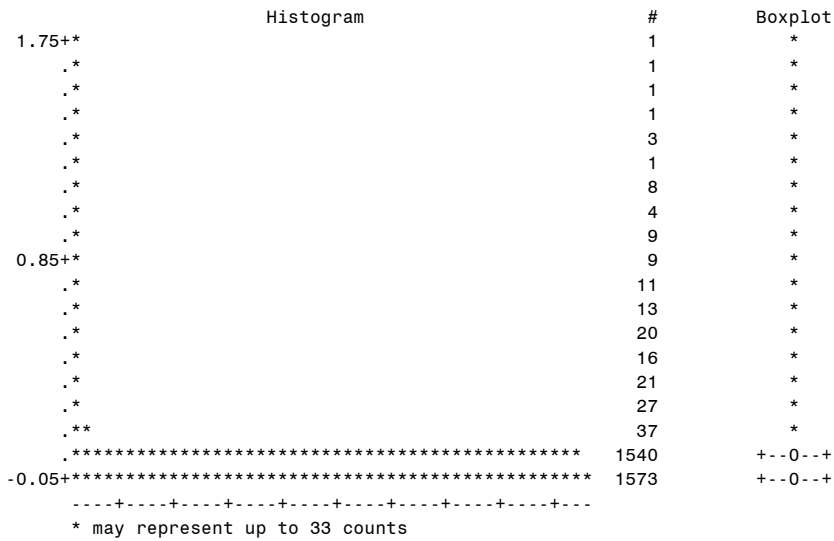


*The UNIVARIATE Procedure*  
 Variable: *tg* (transglutaminase)

region=North American

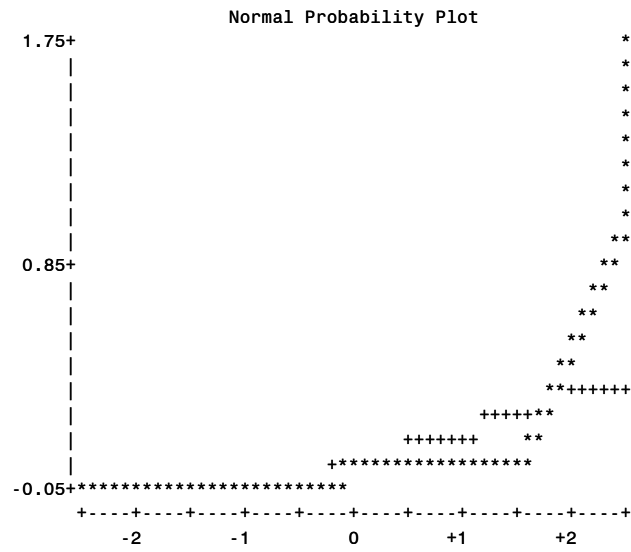
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.042	9859	1.394	10037
-0.041	10173	1.429	9831
-0.041	10056	1.572	12546
-0.041	9962	1.626	12182
-0.041	9915	1.765	13162

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6850	67.51	100.00



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=North American**



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=United Kingdom**

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	0.03905263	<b>Sum Observations</b>	12.614
<b>Std Deviation</b>	0.18118876	<b>Variance</b>	0.03282937
<b>Skewness</b>	6.05632329	<b>Kurtosis</b>	40.8396399
<b>Uncorrected SS</b>	11.063666	<b>Corrected SS</b>	10.5710561
<b>Coeff Variation</b>	463.960437	<b>Std Error Mean</b>	0.01008161

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.039053	<b>Std Deviation</b>	0.18119
<b>Median</b>	0.001000	<b>Variance</b>	0.03283
<b>Mode</b>	0.001000	<b>Range</b>	1.73800
		<b>Interquartile Range</b>	0.01200

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	3.873649	<b>Pr &gt;  t </b>	0.0001
<b>Sign</b>	<b>M</b>	4.5	<b>Pr &gt;=  M </b>	0.6563
<b>Signed Rank</b>	<b>S</b>	5142	<b>Pr &gt;=  S </b>	0.0021

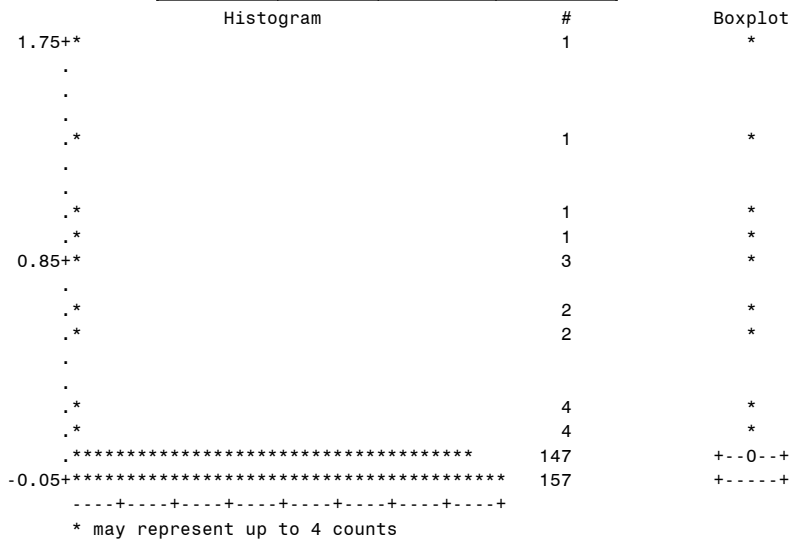
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.724
<b>99%</b>	0.990
<b>95%</b>	0.105
<b>90%</b>	0.027
<b>75% Q3</b>	0.008
<b>50% Median</b>	0.001
<b>25% Q1</b>	-0.004
<b>10%</b>	-0.007
<b>5%</b>	-0.008
<b>1%</b>	-0.010
<b>0% Min</b>	-0.014

**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=United Kingdom**

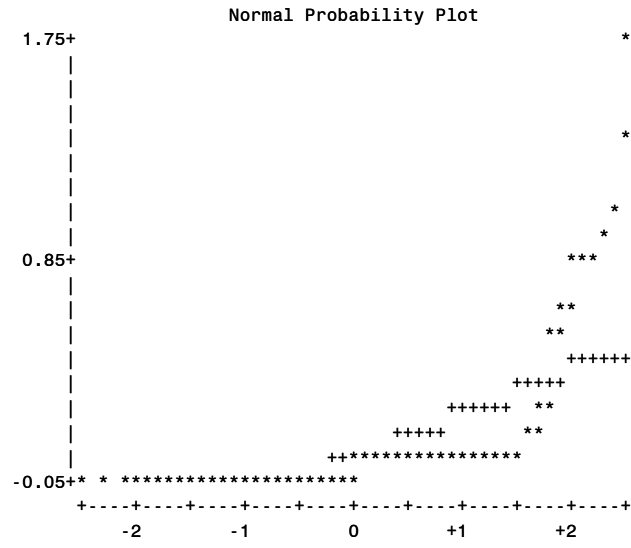
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.014	19448	0.875	19318
-0.012	19640	0.990	19594
-0.012	19500	1.067	19750
-0.010	19639	1.373	19800
-0.010	19488	1.724	19754

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6998	95.59	100.00



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

region=Overall

Moments			
<b>N</b>	7073	<b>Sum Weights</b>	7073
<b>Mean</b>	0.03132659	<b>Sum Observations</b>	221.573
<b>Std Deviation</b>	0.14470337	<b>Variance</b>	0.02093906
<b>Skewness</b>	6.07776281	<b>Kurtosis</b>	41.8728355
<b>Uncorrected SS</b>	155.022187	<b>Corrected SS</b>	148.08106
<b>Coeff Variation</b>	461.918601	<b>Std Error Mean</b>	0.00172059

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.031327	<b>Std Deviation</b>	0.14470
<b>Median</b>	0.001000	<b>Variance</b>	0.02094
<b>Mode</b>	0.001000	<b>Range</b>	1.80700
		<b>Interquartile Range</b>	0.01400

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	18.20692	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	233	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	2315211	<b>Pr &gt;=  S </b>	<.0001

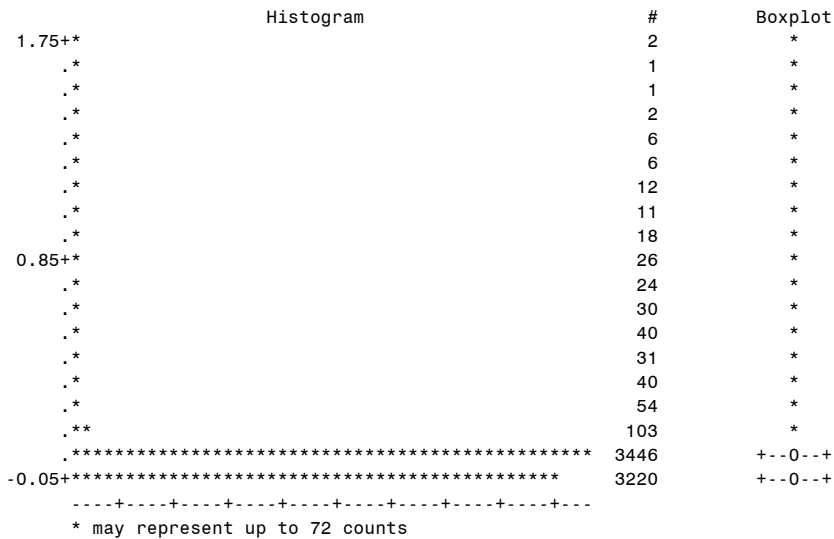
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.765
<b>99%</b>	0.843
<b>95%</b>	0.136
<b>90%</b>	0.031
<b>75% Q3</b>	0.009
<b>50% Median</b>	0.001
<b>25% Q1</b>	-0.005
<b>10%</b>	-0.010
<b>5%</b>	-0.014
<b>1%</b>	-0.034
<b>0% Min</b>	-0.042

**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

region=Overall

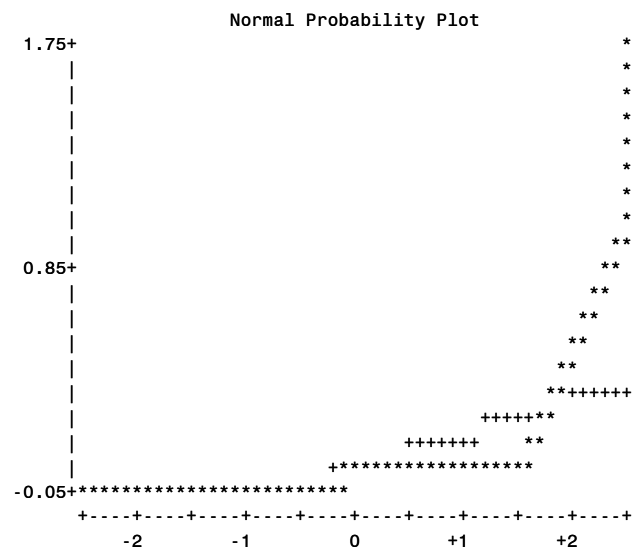
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.042	36355	1.490	33680
-0.041	36669	1.572	39042
-0.041	36552	1.626	38678
-0.041	36458	1.724	46250
-0.041	36411	1.765	39658

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	19423	73.31	100.00



**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**region=Overall**

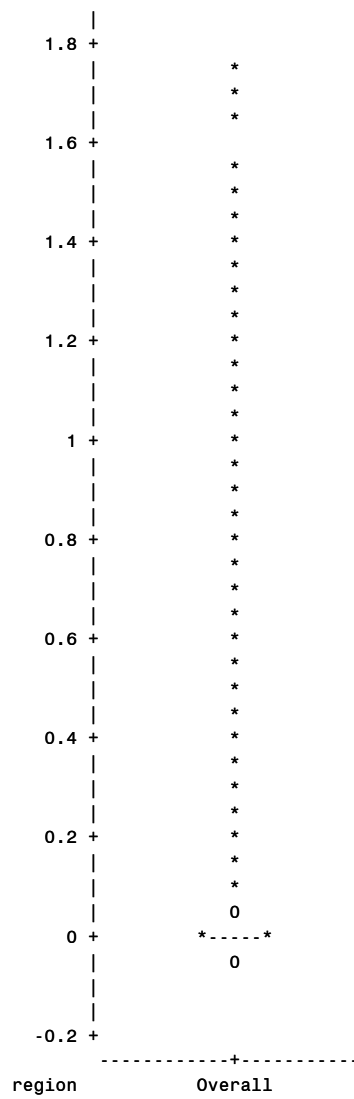






**The UNIVARIATE Procedure**  
**Variable: tg (transglutaminase)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	0.01249846	<b>Sum Observations</b>	12.186
<b>Std Deviation</b>	0.13981094	<b>Variance</b>	0.0195471
<b>Skewness</b>	10.3110991	<b>Kurtosis</b>	126.612909
<b>Uncorrected SS</b>	19.19118	<b>Corrected SS</b>	19.0388737
<b>Coeff Variation</b>	1118.62518	<b>Std Error Mean</b>	0.00447753

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.01250	<b>Std Deviation</b>	0.13981
<b>Median</b>	-0.00500	<b>Variance</b>	0.01955
<b>Mode</b>	-0.00600	<b>Range</b>	2.42700
		<b>Interquartile Range</b>	0.03100

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	2.791372	<b>Pr &gt;  t </b>	0.0054
<b>Sign</b>	<b>M</b>	-88	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	-38424.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	2.361
<b>99%</b>	0.805
<b>95%</b>	0.046
<b>90%</b>	0.031
<b>75% Q3</b>	0.012
<b>50% Median</b>	-0.005
<b>25% Q1</b>	-0.019
<b>10%</b>	-0.032
<b>5%</b>	-0.038
<b>1%</b>	-0.054
<b>0% Min</b>	-0.066

**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=Asia-Pacific**

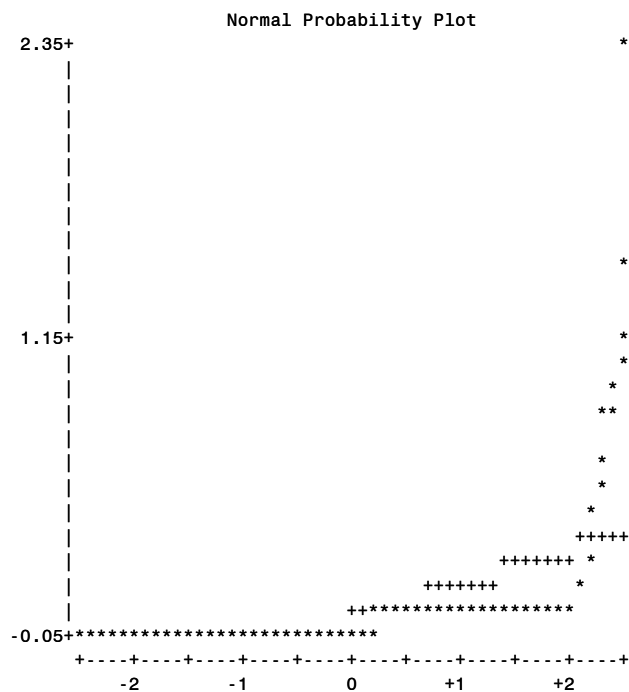
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.066	1471	1.172	1129
-0.064	1483	1.183	1354
-0.061	226	1.434	697
-0.059	499	1.490	740
-0.055	1321	2.361	1479

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=Asia-Pacific**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

region=European

Moments			
<b>N</b>	2479	<b>Sum Weights</b>	2479
<b>Mean</b>	0.01176724	<b>Sum Observations</b>	29.171
<b>Std Deviation</b>	0.10356907	<b>Variance</b>	0.01072655
<b>Skewness</b>	8.85078524	<b>Kurtosis</b>	93.0925363
<b>Uncorrected SS</b>	26.923659	<b>Corrected SS</b>	26.5803967
<b>Coeff Variation</b>	880.147151	<b>Std Error Mean</b>	0.00208014

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.01177	<b>Std Deviation</b>	0.10357
<b>Median</b>	-0.00100	<b>Variance</b>	0.01073
<b>Mode</b>	-0.01400	<b>Range</b>	1.78300
		<b>Interquartile Range</b>	0.03400

Note: The mode displayed is the smallest of 2 modes with a count of 47.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	5.656958	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	-49.5	<b>Pr &gt;=  M </b>	0.0474
<b>Signed Rank</b>	<b>S</b>	-8365.5	<b>Pr &gt;=  S </b>	0.8104

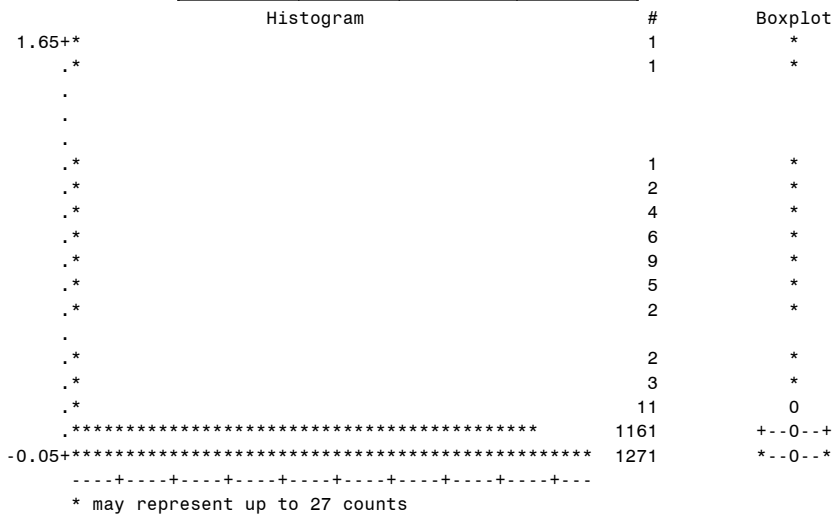
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.699
<b>99%</b>	0.662
<b>95%</b>	0.055
<b>90%</b>	0.036
<b>75% Q3</b>	0.017
<b>50% Median</b>	-0.001
<b>25% Q1</b>	-0.017
<b>10%</b>	-0.031
<b>5%</b>	-0.039
<b>1%</b>	-0.057
<b>0% Min</b>	-0.084

The UNIVARIATE Procedure  
 Variable: oh21 (21-hydroxylase)

region=European

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.084	7320	1.078	2627
-0.079	6231	1.078	2947
-0.078	7343	1.182	3756
-0.076	7334	1.506	2946
-0.073	6248	1.699	2534

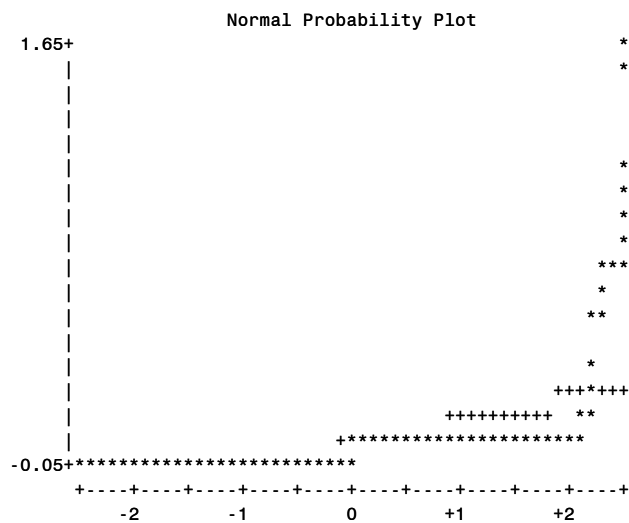
Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4063	62.11	100.00





**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=European**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=North American**

Moments			
<b>N</b>	3296	<b>Sum Weights</b>	3296
<b>Mean</b>	-0.0014439	<b>Sum Observations</b>	-4.759
<b>Std Deviation</b>	0.10755139	<b>Variance</b>	0.0115673
<b>Skewness</b>	8.92750941	<b>Kurtosis</b>	90.1193655
<b>Uncorrected SS</b>	38.121127	<b>Corrected SS</b>	38.1142556
<b>Coeff Variation</b>	-7448.8205	<b>Std Error Mean</b>	0.00187337

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	-0.00144	<b>Std Deviation</b>	0.10755
<b>Median</b>	-0.01600	<b>Variance</b>	0.01157
<b>Mode</b>	-0.02700	<b>Range</b>	1.68400
		<b>Interquartile Range</b>	0.02600

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	-0.77074	<b>Pr &gt;  t </b>	0.4409
<b>Sign</b>	<b>M</b>	-918	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	-1609459	<b>Pr &gt;=  S </b>	<.0001

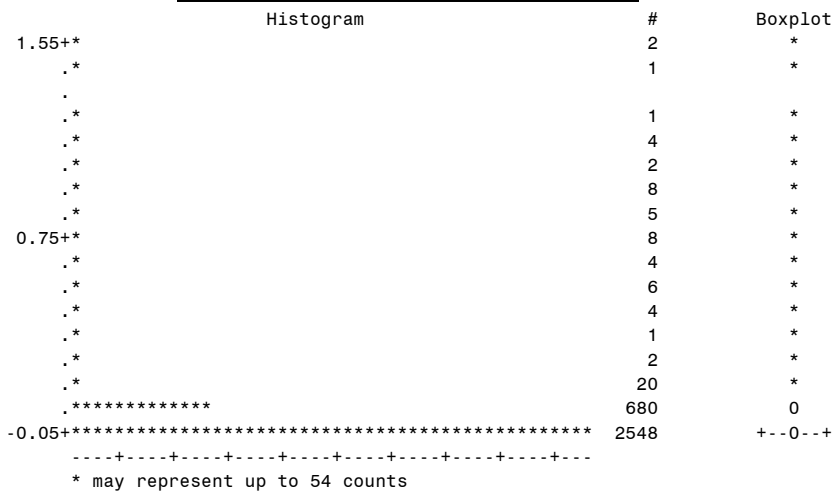
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.590
<b>99%</b>	0.662
<b>95%</b>	0.034
<b>90%</b>	0.017
<b>75% Q3</b>	-0.002
<b>50% Median</b>	-0.016
<b>25% Q1</b>	-0.028
<b>10%</b>	-0.039
<b>5%</b>	-0.045
<b>1%</b>	-0.057
<b>0% Min</b>	-0.094

The UNIVARIATE Procedure  
 Variable: oh21 (21-hydroxylase)

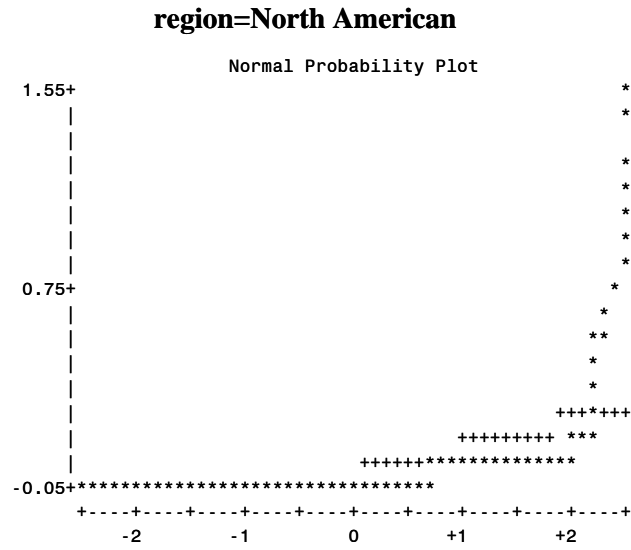
region=North American

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.094	17919	1.155	13229
-0.082	17934	1.213	14148
-0.080	17937	1.473	12464
-0.080	17916	1.534	14388
-0.078	18011	1.590	14147

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6850	67.51	100.00



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=United Kingdom**

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	0.01256347	<b>Sum Observations</b>	4.058
<b>Std Deviation</b>	0.10265599	<b>Variance</b>	0.01053825
<b>Skewness</b>	7.10084549	<b>Kurtosis</b>	54.2711962
<b>Uncorrected SS</b>	3.4443	<b>Corrected SS</b>	3.39331745
<b>Coeff Variation</b>	817.099207	<b>Std Error Mean</b>	0.00571193

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.01256	<b>Std Deviation</b>	0.10266
<b>Median</b>	-0.00300	<b>Variance</b>	0.01054
<b>Mode</b>	-0.00200	<b>Range</b>	1.00300
		<b>Interquartile Range</b>	0.03000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	2.199513	<b>Pr &gt;  t </b>	0.0286
<b>Sign</b>	<b>M</b>	-21.5	<b>Pr &gt;=  M </b>	0.0182
<b>Signed Rank</b>	<b>S</b>	-2514	<b>Pr &gt;=  S </b>	0.1239

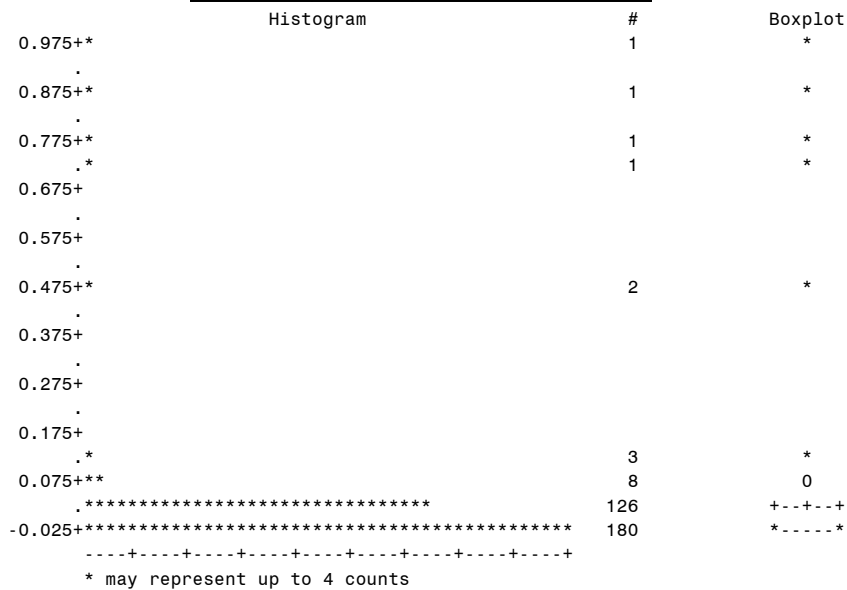
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.958
<b>99%</b>	0.709
<b>95%</b>	0.050
<b>90%</b>	0.030
<b>75% Q3</b>	0.013
<b>50% Median</b>	-0.003
<b>25% Q1</b>	-0.017
<b>10%</b>	-0.029
<b>5%</b>	-0.033
<b>1%</b>	-0.043
<b>0% Min</b>	-0.045

The UNIVARIATE Procedure  
Variable: oh21 (21-hydroxylase)

region=United Kingdom

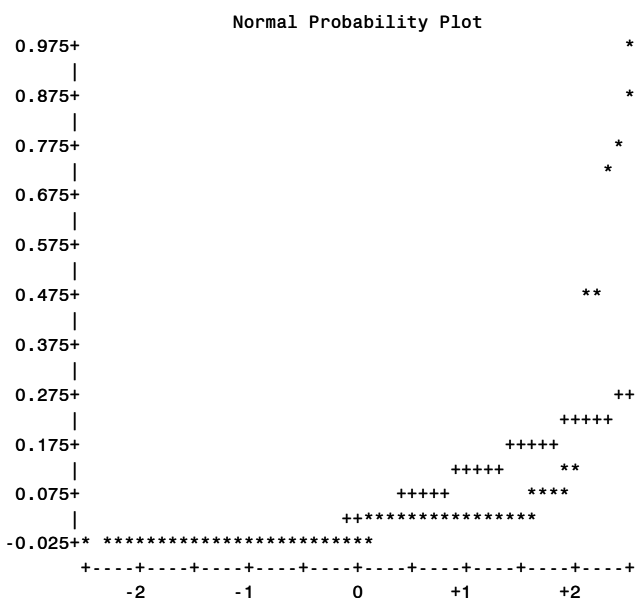
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.045	19628	0.479	19406
-0.044	19457	0.709	19421
-0.044	19240	0.777	19227
-0.043	19636	0.872	19438
-0.042	19635	0.958	19817

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6998	95.59	100.00



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

region=Overall

Moments			
<b>N</b>	7073	<b>Sum Weights</b>	7073
<b>Mean</b>	0.00574806	<b>Sum Observations</b>	40.656
<b>Std Deviation</b>	0.11119884	<b>Variance</b>	0.01236518
<b>Skewness</b>	9.34866051	<b>Kurtosis</b>	106.804966
<b>Uncorrected SS</b>	87.680266	<b>Corrected SS</b>	87.446573
<b>Coeff Variation</b>	1934.54698	<b>Std Error Mean</b>	0.0013222

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.00575	<b>Std Deviation</b>	0.11120
<b>Median</b>	-0.00900	<b>Variance</b>	0.01237
<b>Mode</b>	-0.01400	<b>Range</b>	2.45500
		<b>Interquartile Range</b>	0.03200

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	4.347329	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	-1077	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	-3936838	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	2.361
<b>99%</b>	0.662
<b>95%</b>	0.047
<b>90%</b>	0.028
<b>75% Q3</b>	0.008
<b>50% Median</b>	-0.009
<b>25% Q1</b>	-0.024
<b>10%</b>	-0.035
<b>5%</b>	-0.042
<b>1%</b>	-0.056
<b>0% Min</b>	-0.094



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=Overall**

<b>Extreme Observations</b>			
<b>Lowest</b>		<b>Highest</b>	
<b>Value</b>	<b>Obs</b>	<b>Value</b>	<b>Obs</b>
-0.094	44415	1.506	29442
-0.084	33816	1.534	40884
-0.082	44430	1.590	40643
-0.080	44433	1.699	29030
-0.080	44412	2.361	27975

<b>Missing Values</b>			
<b>Missing Value</b>	<b>Count</b>	<b>Percent Of</b>	
		<b>All Obs</b>	<b>Missing Obs</b>
.	19423	73.31	100.00

***The UNIVARIATE Procedure  
Variable: oh21 (21-hydroxylase)***

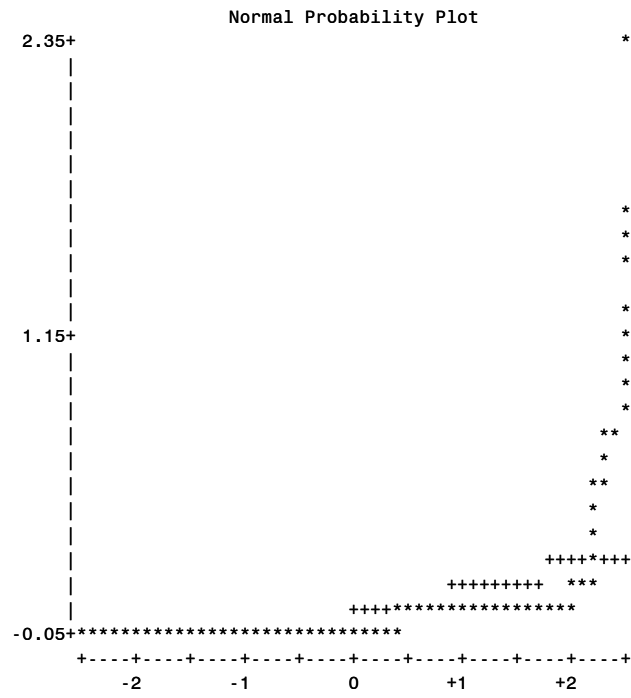
**region=Overall**

	Histogram	#	Boxplot
2.35+*	.	1	*
.	.		
.	.		
.	.		
.	.		
.	.		
.	.		
.*	.	1	*
.*	.	3	*
.*	.	3	*
.	.		
.*	.	1	*
1.15+*	.	8	*
.*	.	5	*
.*	.	14	*
.*	.	14	*
.*	.	19	*
.*	.	10	*
.*	.	9	*
.*	.	8	*
.*	.	3	*
.*	.	6	*
.	.	39	0
.*****		2363	+--0--+
-0.05+*****		4566	*--0--*
-----+-----+-----+-----+-----+-----+-----+-----			

\* may represent up to 96 counts

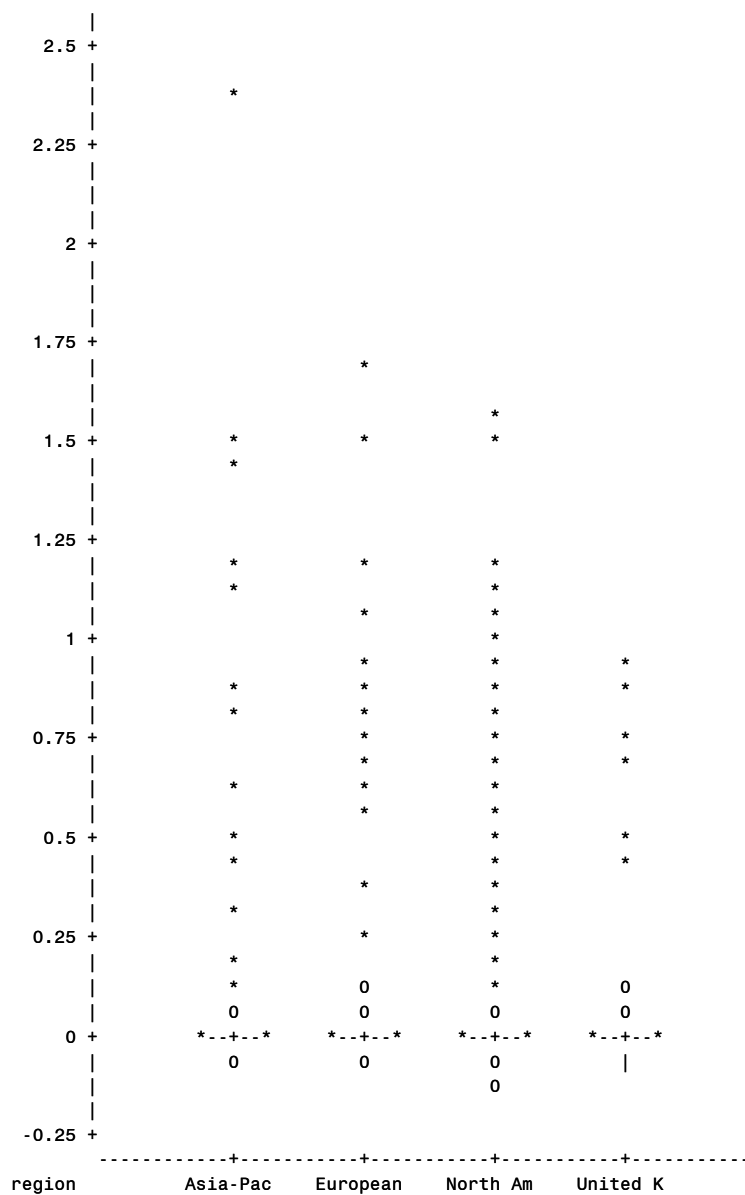
**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**region=Overall**



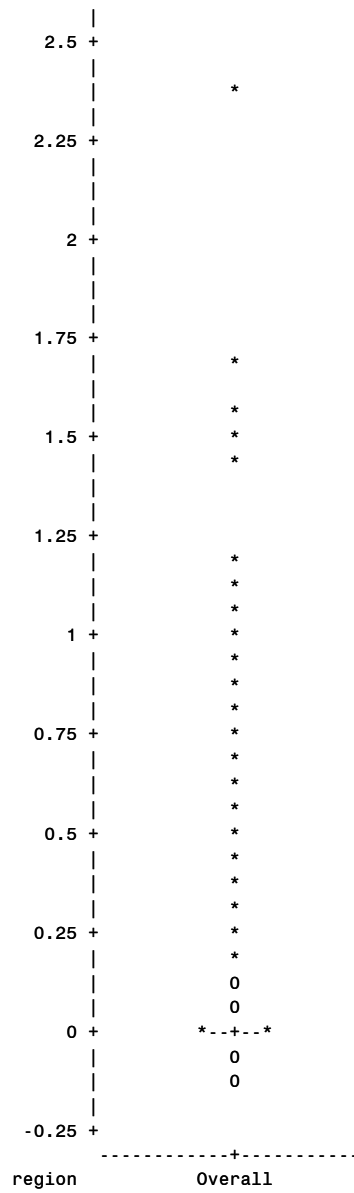
**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: oh21 (21-hydroxylase)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=Asia-Pacific

Moments			
<b>N</b>	975	<b>Sum Weights</b>	975
<b>Mean</b>	0.09047733	<b>Sum Observations</b>	88.2154
<b>Std Deviation</b>	0.25377542	<b>Variance</b>	0.06440197
<b>Skewness</b>	2.83145516	<b>Kurtosis</b>	6.48655512
<b>Uncorrected SS</b>	70.7090083	<b>Corrected SS</b>	62.7275142
<b>Coeff Variation</b>	280.485082	<b>Std Error Mean</b>	0.00812732

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.09048	<b>Std Deviation</b>	0.25378
<b>Median</b>	0.00050	<b>Variance</b>	0.06440
<b>Mode</b>	-0.00010	<b>Range</b>	1.03700
		<b>Interquartile Range</b>	0.00260

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	11.1325	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	161	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	122079	<b>Pr &gt;=  S </b>	<.0001

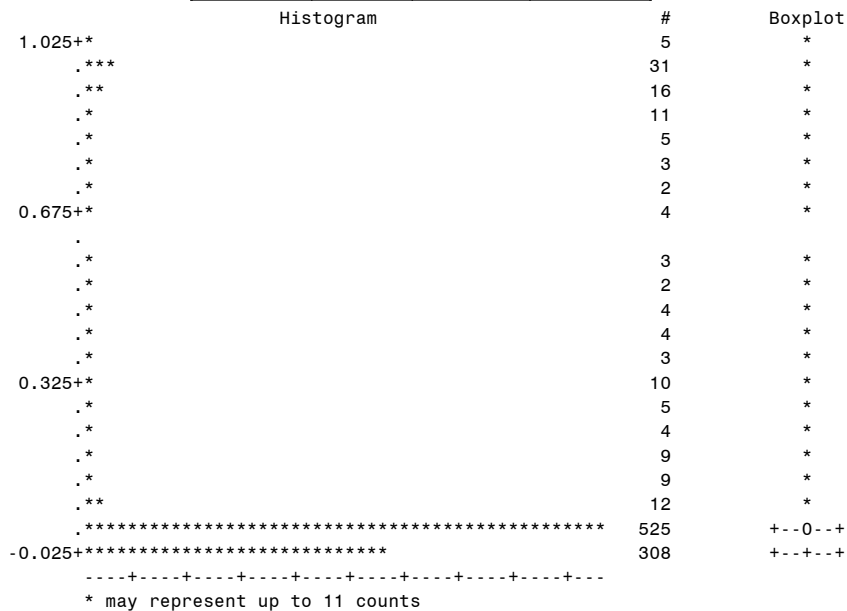
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0343
<b>99%</b>	0.9866
<b>95%</b>	0.9181
<b>90%</b>	0.3253
<b>75% Q3</b>	0.0024
<b>50% Median</b>	0.0005
<b>25% Q1</b>	-0.0002
<b>10%</b>	-0.0007
<b>5%</b>	-0.0011
<b>1%</b>	-0.0022
<b>0% Min</b>	-0.0027

The UNIVARIATE Procedure  
 Variable: atpase (hydrogen potassium ATPase)

region=Asia-Pacific

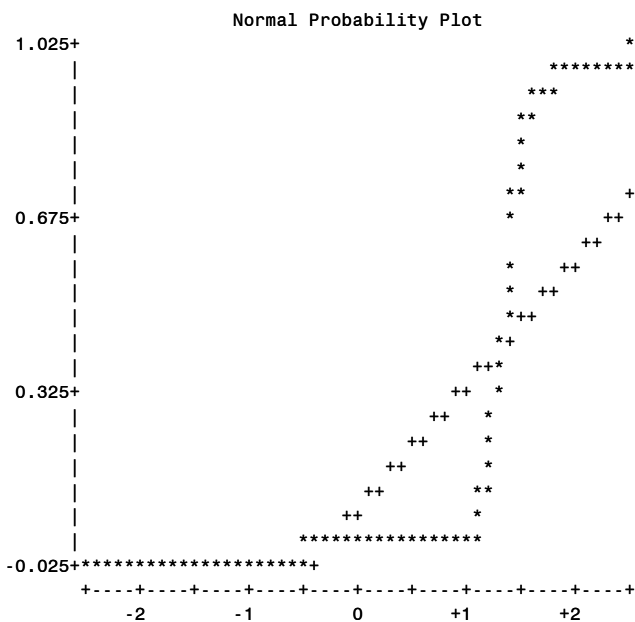
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0027	1466	1.0013	1028
-0.0026	1294	1.0090	107
-0.0026	1048	1.0102	108
-0.0025	1454	1.0301	379
-0.0024	569	1.0343	1276

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1512	60.80	100.00



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=Asia-Pacific**





**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=European

Moments			
<b>N</b>	2478	<b>Sum Weights</b>	2478
<b>Mean</b>	0.15765556	<b>Sum Observations</b>	390.67049
<b>Std Deviation</b>	0.32950532	<b>Variance</b>	0.10857376
<b>Skewness</b>	1.85528199	<b>Kurtosis</b>	1.71540776
<b>Uncorrected SS</b>	330.528575	<b>Corrected SS</b>	268.937199
<b>Coeff Variation</b>	209.003294	<b>Std Error Mean</b>	0.0066193

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.157656	<b>Std Deviation</b>	0.32951
<b>Median</b>	0.000600	<b>Variance</b>	0.10857
<b>Mode</b>	0.000000	<b>Range</b>	1.24420
		<b>Interquartile Range</b>	0.01850

Note: The mode displayed is the smallest of 2 modes with a count of 74.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	23.81757	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	362	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	762731.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.2416
<b>99%</b>	1.0296
<b>95%</b>	0.9677
<b>90%</b>	0.8914
<b>75% Q3</b>	0.0181
<b>50% Median</b>	0.0006
<b>25% Q1</b>	-0.0004
<b>10%</b>	-0.0011
<b>5%</b>	-0.0015
<b>1%</b>	-0.0021
<b>0% Min</b>	-0.0026

**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=European

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0026	6984	1.1831	6648
-0.0023	7451	1.2127	6094
-0.0023	6714	1.2274	6058
-0.0023	5974	1.2405	7188
-0.0023	5660	1.2416	7190

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	4064	62.12	100.00

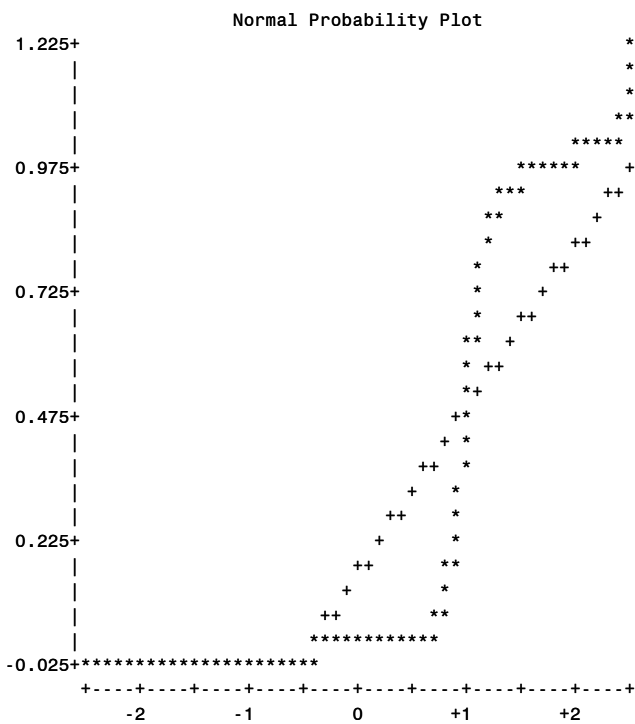
The UNIVARIATE Procedure  
 Variable: atpase (hydrogen potassium ATPase)

region=European

Histogram	#	Boxplot
1.225+*	4	*
.*	2	*
.*	3	*
.*	11	*
**	40	*
0.975+*****	105	*
.*****	75	*
.**	41	*
.**	29	*
.*	17	*
0.725+*	16	*
.*	12	*
.*	12	*
.*	14	*
.*	9	*
0.475+*	10	*
.*	15	*
.*	9	*
.*	14	*
.*	19	*
0.225+**	25	*
.*	16	*
.**	27	*
.**	39	0
*****	1074	+ - - - +
-0.025+*****	840	+ - - - +
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----		
* may represent up to 23 counts		

**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=European**



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=North American**

Moments			
<b>N</b>	3296	<b>Sum Weights</b>	3296
<b>Mean</b>	0.09983626	<b>Sum Observations</b>	329.0603
<b>Std Deviation</b>	0.26790896	<b>Variance</b>	0.07177521
<b>Skewness</b>	2.63720186	<b>Kurtosis</b>	5.35120778
<b>Uncorrected SS</b>	269.351474	<b>Corrected SS</b>	236.499325
<b>Coeff Variation</b>	268.348367	<b>Std Error Mean</b>	0.00466653

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.09984	<b>Std Deviation</b>	0.26791
<b>Median</b>	0.00020	<b>Variance</b>	0.07178
<b>Mode</b>	-0.00040	<b>Range</b>	1.10740
		<b>Interquartile Range</b>	0.00270

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	21.39413	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	305	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	1098409	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.1049
<b>99%</b>	1.0065
<b>95%</b>	0.9310
<b>90%</b>	0.4814
<b>75% Q3</b>	0.0023
<b>50% Median</b>	0.0002
<b>25% Q1</b>	-0.0004
<b>10%</b>	-0.0007
<b>5%</b>	-0.0009
<b>1%</b>	-0.0013
<b>0% Min</b>	-0.0025

**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=North American**

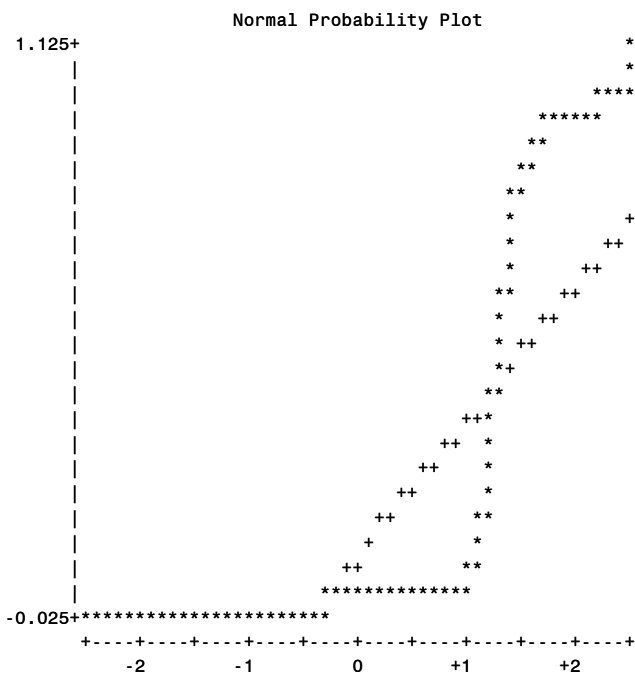
<b>Extreme Observations</b>			
<b>Lowest</b>		<b>Highest</b>	
<b>Value</b>	<b>Obs</b>	<b>Value</b>	<b>Obs</b>
-0.0025	12073	1.0459	13934
-0.0022	9817	1.0472	9787
-0.0020	9164	1.0609	11467
-0.0019	12476	1.0759	10356
-0.0018	13162	1.1049	12875

<b>Missing Values</b>			
<b>Missing Value</b>	<b>Count</b>	<b>Percent Of</b>	
		<b>All Obs</b>	<b>Missing Obs</b>
.	6850	67.51	100.00



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=North American**





**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=United Kingdom**

Moments			
<b>N</b>	323	<b>Sum Weights</b>	323
<b>Mean</b>	0.08176935	<b>Sum Observations</b>	26.4115
<b>Std Deviation</b>	0.24023562	<b>Variance</b>	0.05771315
<b>Skewness</b>	3.07580958	<b>Kurtosis</b>	8.09394808
<b>Uncorrected SS</b>	20.7432861	<b>Corrected SS</b>	18.5836349
<b>Coeff Variation</b>	293.796658	<b>Std Error Mean</b>	0.01336707

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.08177	<b>Std Deviation</b>	0.24024
<b>Median</b>	0.00020	<b>Variance</b>	0.05771
<b>Mode</b>	-0.00050	<b>Range</b>	1.06160
		<b>Interquartile Range</b>	0.00200

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	6.117224	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	18.5	<b>Pr &gt;=  M </b>	0.0417
<b>Signed Rank</b>	<b>S</b>	7259.5	<b>Pr &gt;=  S </b>	<.0001

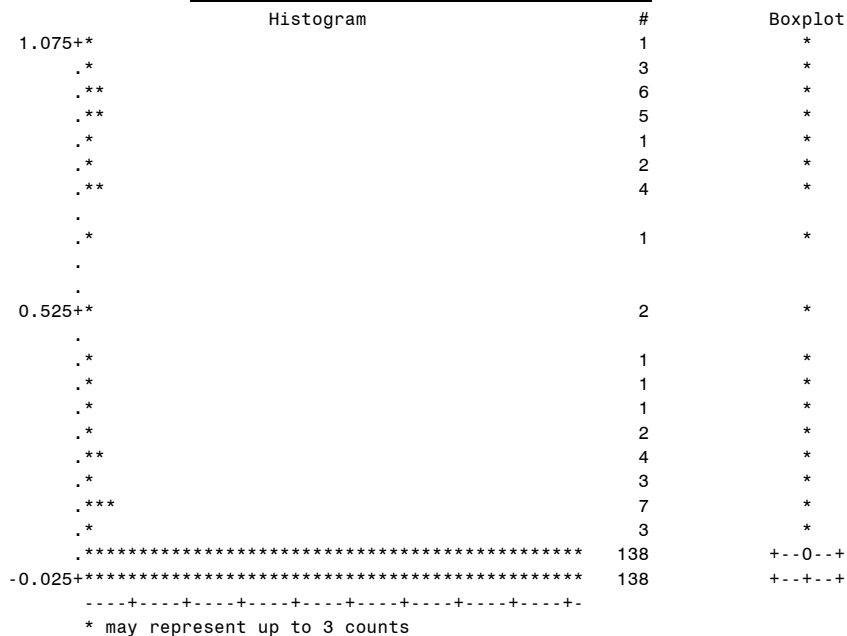
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0593
<b>99%</b>	1.0017
<b>95%</b>	0.8296
<b>90%</b>	0.2252
<b>75% Q3</b>	0.0015
<b>50% Median</b>	0.0002
<b>25% Q1</b>	-0.0005
<b>10%</b>	-0.0011
<b>5%</b>	-0.0016
<b>1%</b>	-0.0021
<b>0% Min</b>	-0.0023

**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=United Kingdom

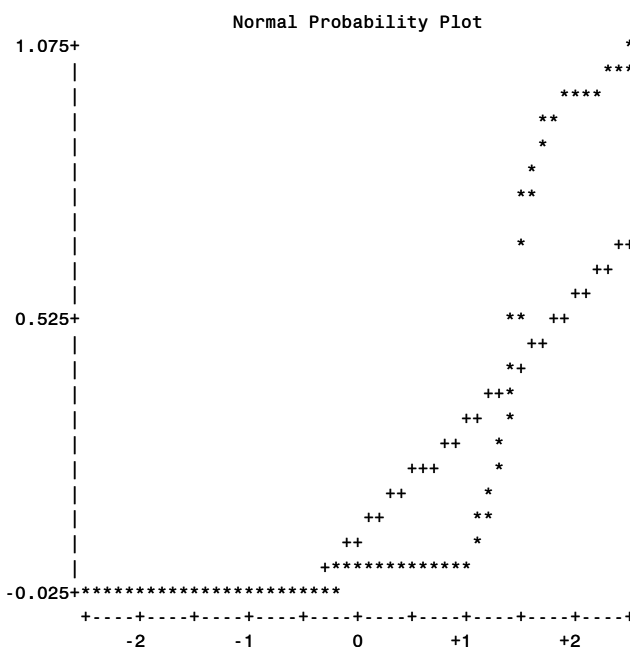
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0023	19421	0.9928	19758
-0.0023	19368	1.0017	19430
-0.0023	19254	1.0045	19611
-0.0021	19880	1.0111	19343
-0.0020	19364	1.0593	19584

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6998	95.59	100.00



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=Overall

Moments			
<b>N</b>	7072	<b>Sum Weights</b>	7072
<b>Mean</b>	0.11798044	<b>Sum Observations</b>	834.35769
<b>Std Deviation</b>	0.28956647	<b>Variance</b>	0.08384874
<b>Skewness</b>	2.34183143	<b>Kurtosis</b>	3.82991951
<b>Uncorrected SS</b>	691.332344	<b>Corrected SS</b>	592.894454
<b>Coeff Variation</b>	245.435994	<b>Std Error Mean</b>	0.00344332

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.11798	<b>Std Deviation</b>	0.28957
<b>Median</b>	0.00040	<b>Variance</b>	0.08385
<b>Mode</b>	-0.00020	<b>Range</b>	1.24430
		<b>Interquartile Range</b>	0.00480

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	34.26359	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	846.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	5601164	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.2416
<b>99%</b>	1.0134
<b>95%</b>	0.9481
<b>90%</b>	0.7090
<b>75% Q3</b>	0.0045
<b>50% Median</b>	0.0004
<b>25% Q1</b>	-0.0003
<b>10%</b>	-0.0008
<b>5%</b>	-0.0012
<b>1%</b>	-0.0020
<b>0% Min</b>	-0.0027

**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

region=Overall

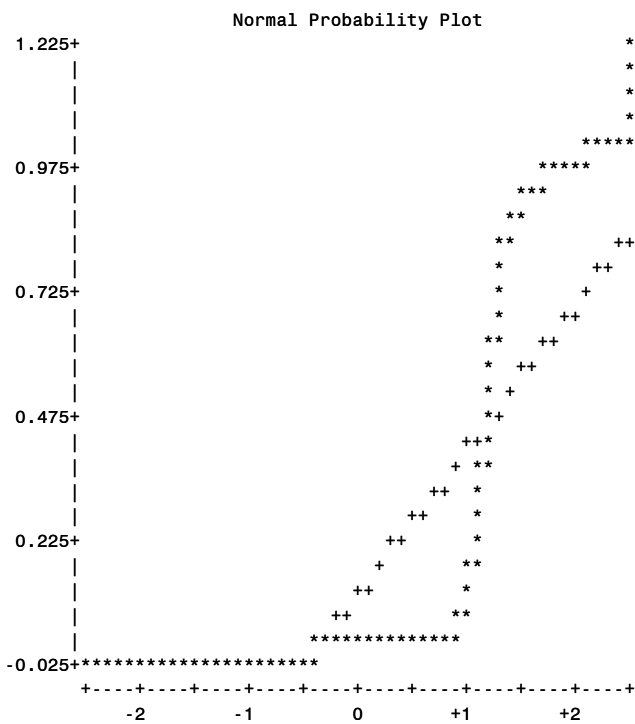
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0027	27962	1.1831	33144
-0.0026	33480	1.2127	32590
-0.0026	27790	1.2274	32554
-0.0026	27544	1.2405	33684
-0.0025	38569	1.2416	33686

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	19424	73.31	100.00



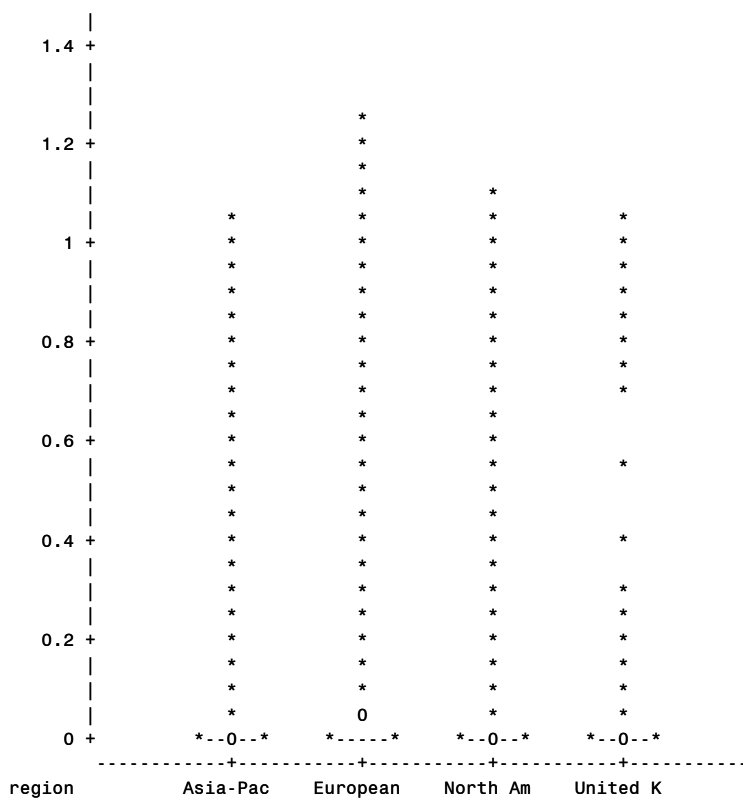
**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**region=Overall**



**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

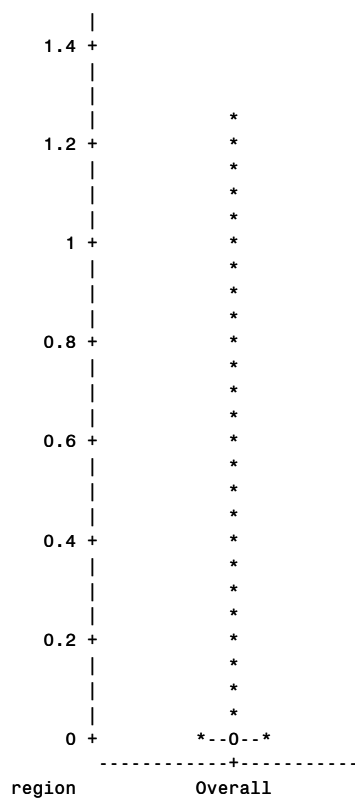
**Schematic Plots**





**The UNIVARIATE Procedure**  
**Variable: atpase (hydrogen potassium ATPase)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

region=Asia-Pacific

Moments			
<b>N</b>	210	<b>Sum Weights</b>	210
<b>Mean</b>	0.09683238	<b>Sum Observations</b>	20.3348
<b>Std Deviation</b>	0.18027625	<b>Variance</b>	0.03249953
<b>Skewness</b>	2.32093764	<b>Kurtosis</b>	4.97098292
<b>Uncorrected SS</b>	8.7614682	<b>Corrected SS</b>	6.7924011
<b>Coeff Variation</b>	186.173519	<b>Std Error Mean</b>	0.01244024

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.096832	<b>Std Deviation</b>	0.18028
<b>Median</b>	0.008750	<b>Variance</b>	0.03250
<b>Mode</b>	0.001000	<b>Range</b>	0.88940
		<b>Interquartile Range</b>	0.08440

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	7.783801	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	101	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	10901.5	<b>Pr &gt;=  S </b>	<.0001

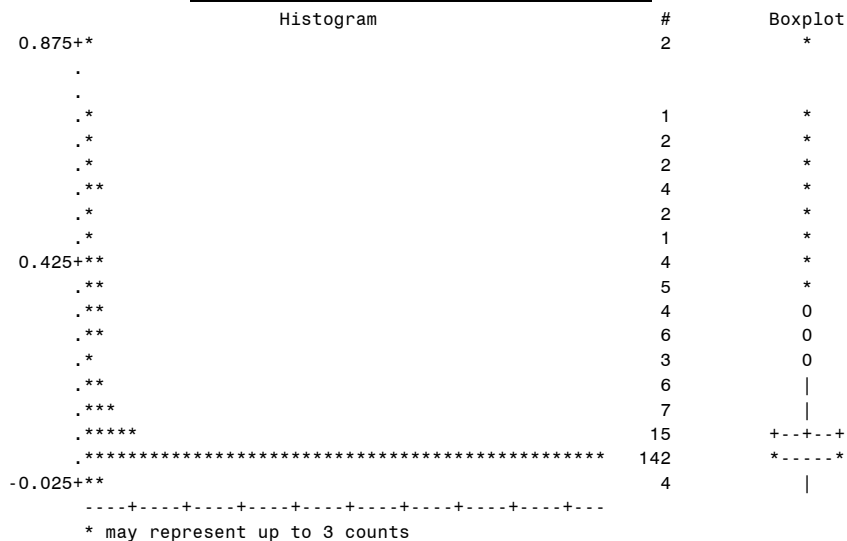
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.88340
<b>99%</b>	0.71640
<b>95%</b>	0.56450
<b>90%</b>	0.37985
<b>75% Q3</b>	0.08730
<b>50% Median</b>	0.00875
<b>25% Q1</b>	0.00290
<b>10%</b>	0.00120
<b>5%</b>	0.00090
<b>1%</b>	-0.00130
<b>0% Min</b>	-0.00600

The UNIVARIATE Procedure  
 Variable: znt8\_cwcr (zinc transporter 8)

region=Asia-Pacific

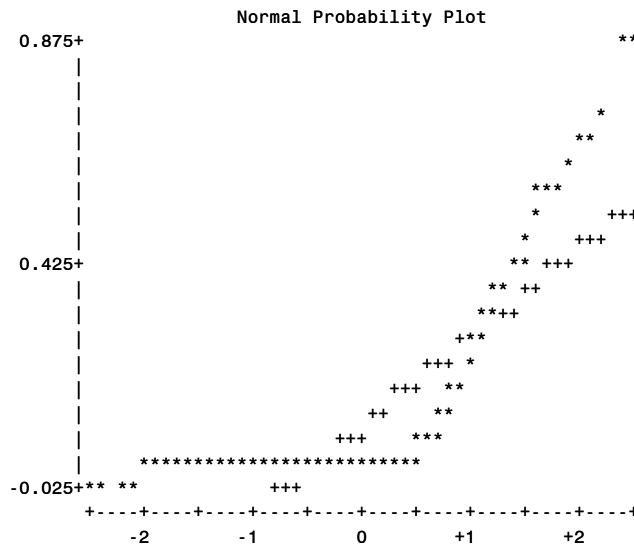
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0060	951	0.6780	1647
-0.0048	2275	0.6992	163
-0.0013	1798	0.7164	1411
-0.0009	777	0.8820	99
0.0001	2164	0.8834	1472

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	2277	91.56	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=Asia-Pacific**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

region=European

Moments			
<b>N</b>	388	<b>Sum Weights</b>	388
<b>Mean</b>	0.14655077	<b>Sum Observations</b>	56.8617
<b>Std Deviation</b>	0.22515713	<b>Variance</b>	0.05069573
<b>Skewness</b>	1.71575683	<b>Kurtosis</b>	1.91420512
<b>Uncorrected SS</b>	27.9523751	<b>Corrected SS</b>	19.619249
<b>Coeff Variation</b>	153.637628	<b>Std Error Mean</b>	0.01143062

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.146551	<b>Std Deviation</b>	0.22516
<b>Median</b>	0.025100	<b>Variance</b>	0.05070
<b>Mode</b>	0.000500	<b>Range</b>	0.99610
		<b>Interquartile Range</b>	0.18580

**Note:** The mode displayed is the smallest of 2 modes with a count of 5.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	12.82089	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	171.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	36430.5	<b>Pr &gt;=  S </b>	<.0001

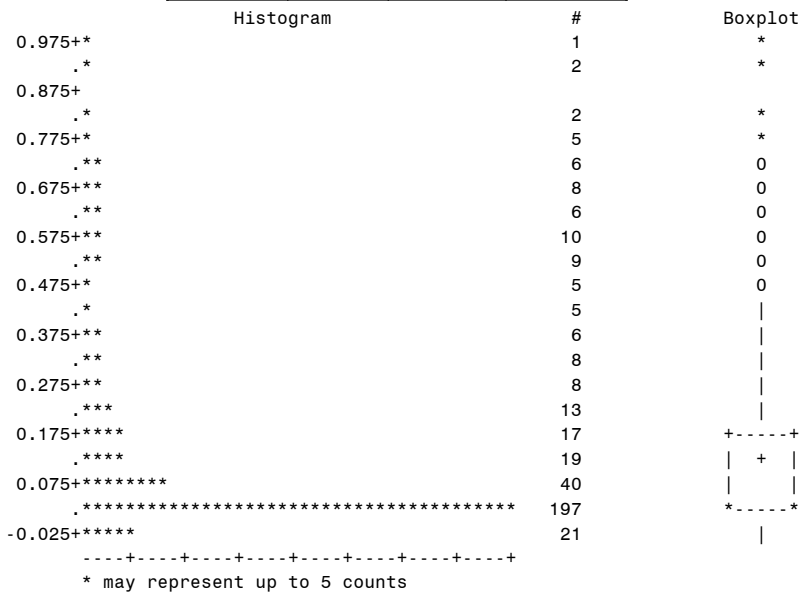
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.99060
<b>99%</b>	0.83500
<b>95%</b>	0.68350
<b>90%</b>	0.56220
<b>75% Q3</b>	0.18935
<b>50% Median</b>	0.02510
<b>25% Q1</b>	0.00355
<b>10%</b>	0.00080
<b>5%</b>	-0.00010
<b>1%</b>	-0.00200
<b>0% Min</b>	-0.00550

The UNIVARIATE Procedure  
 Variable: znt8\_cwcr (zinc transporter 8)

region=European

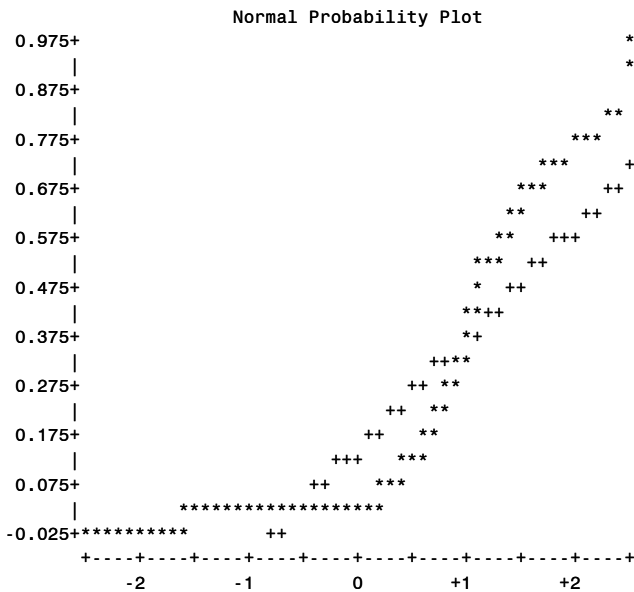
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0055	5098	0.8301	4834
-0.0052	7958	0.8350	6519
-0.0025	5229	0.9194	5899
-0.0020	6288	0.9466	7498
-0.0019	7094	0.9906	3441

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6154	94.07	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=European**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=North American**

Moments			
<b>N</b>	845	<b>Sum Weights</b>	845
<b>Mean</b>	0.15147325	<b>Sum Observations</b>	127.9949
<b>Std Deviation</b>	0.21769425	<b>Variance</b>	0.04739078
<b>Skewness</b>	1.59144116	<b>Kurtosis</b>	1.5191699
<b>Uncorrected SS</b>	59.3856263	<b>Corrected SS</b>	39.9978223
<b>Coeff Variation</b>	143.717943	<b>Std Error Mean</b>	0.00748891

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.151473	<b>Std Deviation</b>	0.21769
<b>Median</b>	0.034500	<b>Variance</b>	0.04739
<b>Mode</b>	0.001500	<b>Range</b>	0.94140
		<b>Interquartile Range</b>	0.23310

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	20.22634	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	385.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	175310	<b>Pr &gt;=  S </b>	<.0001

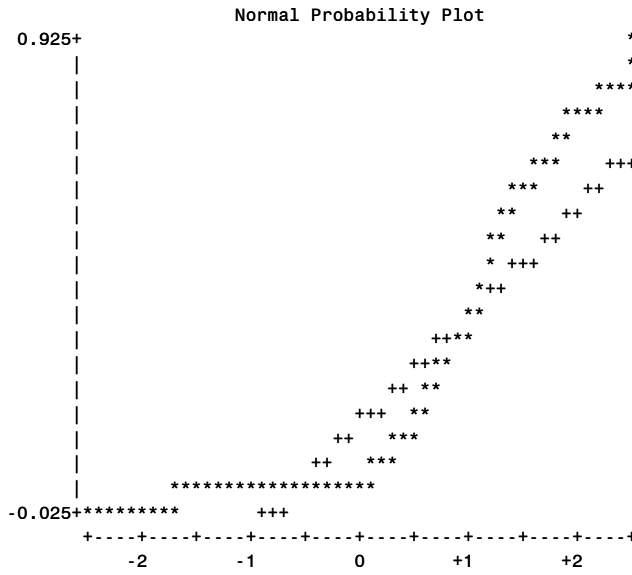
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.9355
<b>99%</b>	0.8055
<b>95%</b>	0.6702
<b>90%</b>	0.5192
<b>75% Q3</b>	0.2367
<b>50% Median</b>	0.0345
<b>25% Q1</b>	0.0036
<b>10%</b>	0.0009
<b>5%</b>	0.0001
<b>1%</b>	-0.0012
<b>0% Min</b>	-0.0059





**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=North American**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=United Kingdom**

Moments			
<b>N</b>	61	<b>Sum Weights</b>	61
<b>Mean</b>	0.12280492	<b>Sum Observations</b>	7.4911
<b>Std Deviation</b>	0.19037653	<b>Variance</b>	0.03624322
<b>Skewness</b>	1.86579908	<b>Kurtosis</b>	2.76706353
<b>Uncorrected SS</b>	3.09453727	<b>Corrected SS</b>	2.17459335
<b>Coeff Variation</b>	155.023538	<b>Std Error Mean</b>	0.02437522

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.122805	<b>Std Deviation</b>	0.19038
<b>Median</b>	0.019200	<b>Variance</b>	0.03624
<b>Mode</b>	0.001600	<b>Range</b>	0.80410
		<b>Interquartile Range</b>	0.11970

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	5.038106	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	27.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	925.5	<b>Pr &gt;=  S </b>	<.0001

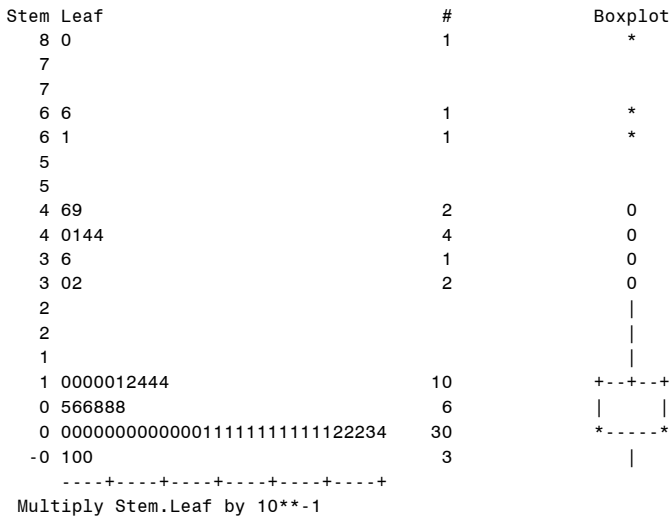
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.7989
<b>99%</b>	0.7989
<b>95%</b>	0.4943
<b>90%</b>	0.4376
<b>75% Q3</b>	0.1247
<b>50% Median</b>	0.0192
<b>25% Q1</b>	0.0050
<b>10%</b>	0.0016
<b>5%</b>	0.0006
<b>1%</b>	-0.0052
<b>0% Min</b>	-0.0052

The UNIVARIATE Procedure  
 Variable: znt8\_cwcr (zinc transporter 8)

region=United Kingdom

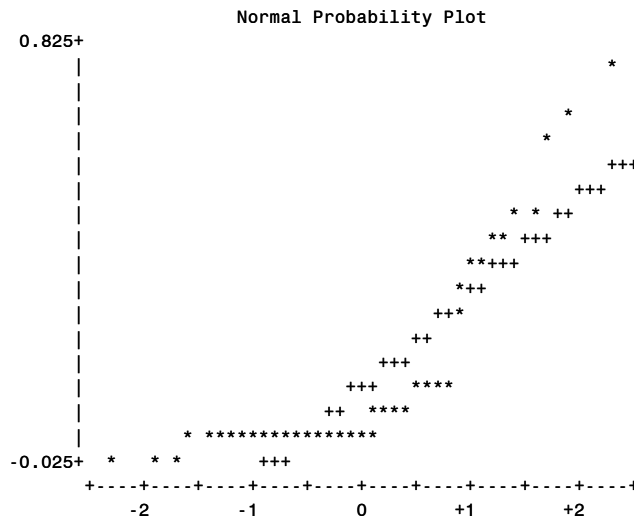
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0052	19274	0.4606	19478
-0.0005	19606	0.4943	19709
-0.0004	19708	0.6063	19624
0.0006	19649	0.6593	19847
0.0010	19693	0.7989	19473

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	7260	99.17	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

region=Overall

Moments			
<b>N</b>	1504	<b>Sum Weights</b>	1504
<b>Mean</b>	0.14141124	<b>Sum Observations</b>	212.6825
<b>Std Deviation</b>	0.21444557	<b>Variance</b>	0.0459869
<b>Skewness</b>	1.71516386	<b>Kurtosis</b>	1.97533079
<b>Uncorrected SS</b>	99.1940069	<b>Corrected SS</b>	69.1183115
<b>Coeff Variation</b>	151.646765	<b>Std Error Mean</b>	0.00552959

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.141411	<b>Std Deviation</b>	0.21445
<b>Median</b>	0.025900	<b>Variance</b>	0.04599
<b>Mode</b>	0.001500	<b>Range</b>	0.99660
		<b>Interquartile Range</b>	0.19335

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	25.57354	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	685.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	553350	<b>Pr &gt;=  S </b>	<.0001

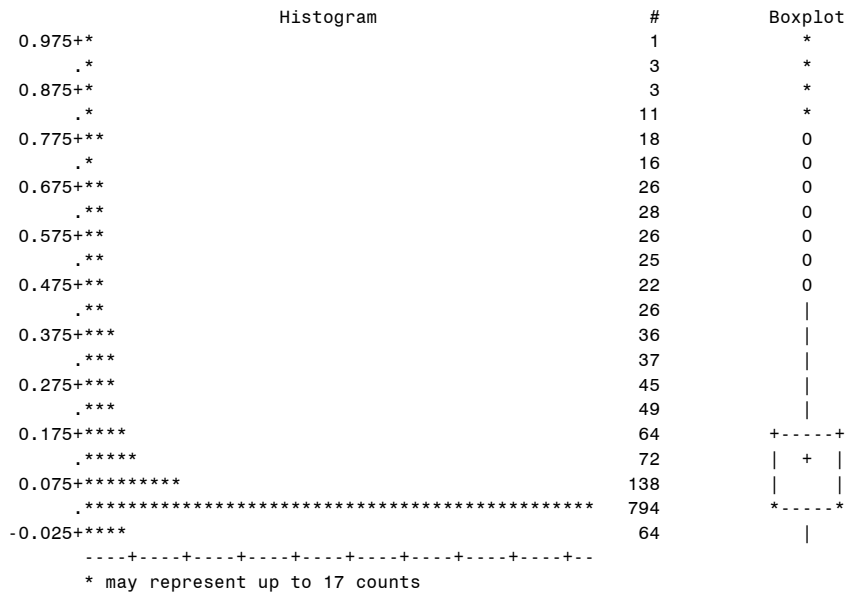
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.99060
<b>99%</b>	0.80550
<b>95%</b>	0.65930
<b>90%</b>	0.51090
<b>75% Q3</b>	0.19695
<b>50% Median</b>	0.02590
<b>25% Q1</b>	0.00360
<b>10%</b>	0.00100
<b>5%</b>	0.00010
<b>1%</b>	-0.00150
<b>0% Min</b>	-0.00600

The UNIVARIATE Procedure  
 Variable: znt8\_cwcr (zinc transporter 8)

region=Overall

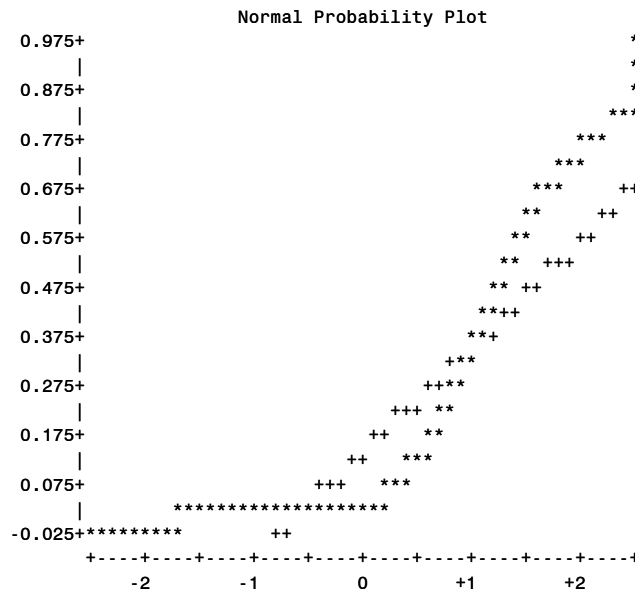
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0060	27447	0.8848	44681
-0.0059	39982	0.9194	32395
-0.0055	31594	0.9355	40500
-0.0053	37578	0.9466	33994
-0.0052	45770	0.9906	29937

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	24992	94.32	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

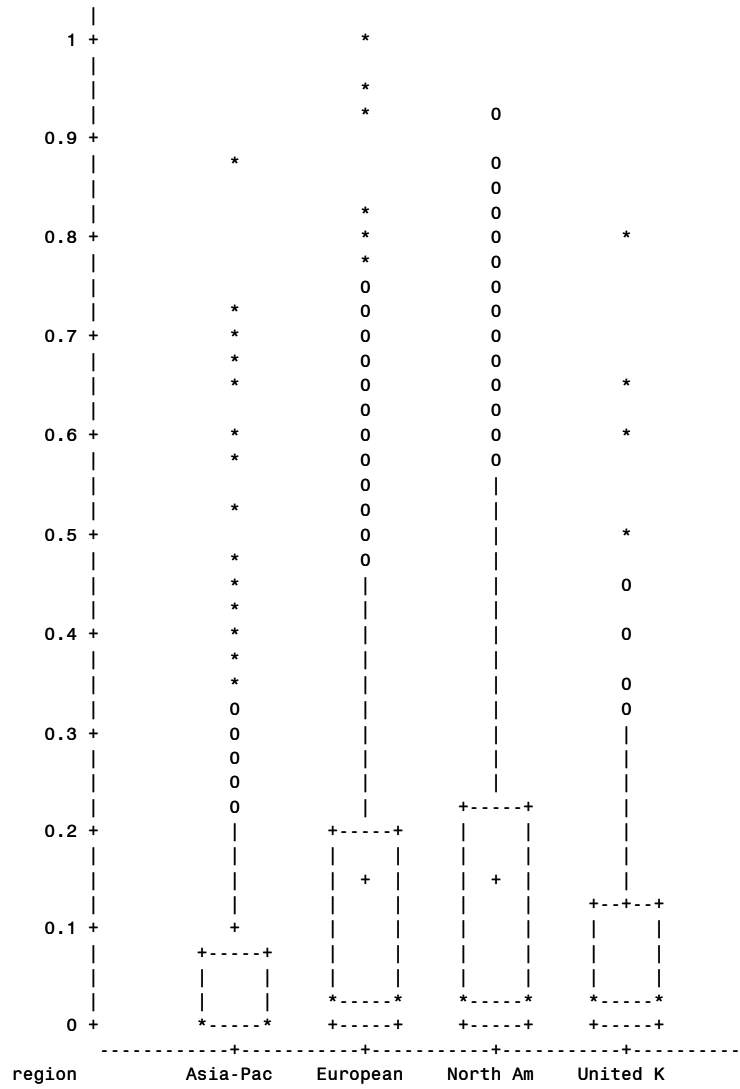
**region=Overall**





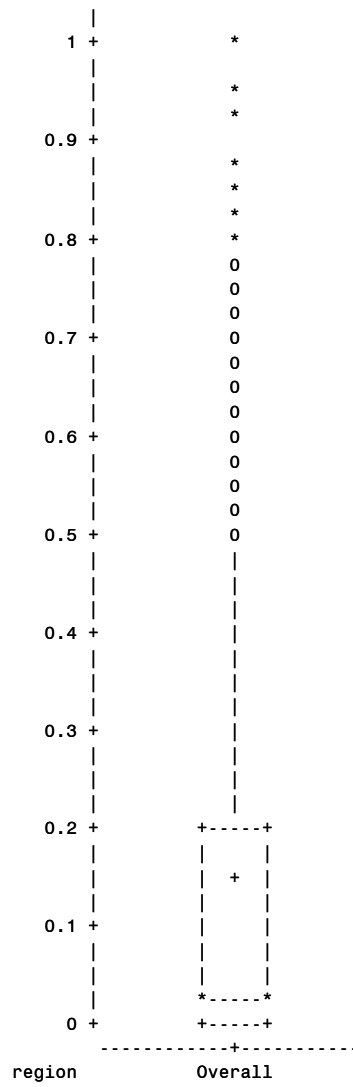
**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcr (zinc transporter 8)**

**Schematic Plots**



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

region=Asia-Pacific

Moments			
<b>N</b>	179	<b>Sum Weights</b>	179
<b>Mean</b>	0.11038101	<b>Sum Observations</b>	19.7582
<b>Std Deviation</b>	0.19545948	<b>Variance</b>	0.03820441
<b>Skewness</b>	2.02789328	<b>Kurtosis</b>	3.12942758
<b>Uncorrected SS</b>	8.9813149	<b>Corrected SS</b>	6.80038492
<b>Coeff Variation</b>	177.0771	<b>Std Error Mean</b>	0.01460933

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.110381	<b>Std Deviation</b>	0.19546
<b>Median</b>	0.008200	<b>Variance</b>	0.03820
<b>Mode</b>	0.000100	<b>Range</b>	0.85930
		<b>Interquartile Range</b>	0.10290

**Note:** The mode displayed is the smallest of 2 modes with a count of 6.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	7.555516	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	77.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7789.5	<b>Pr &gt;=  S </b>	<.0001

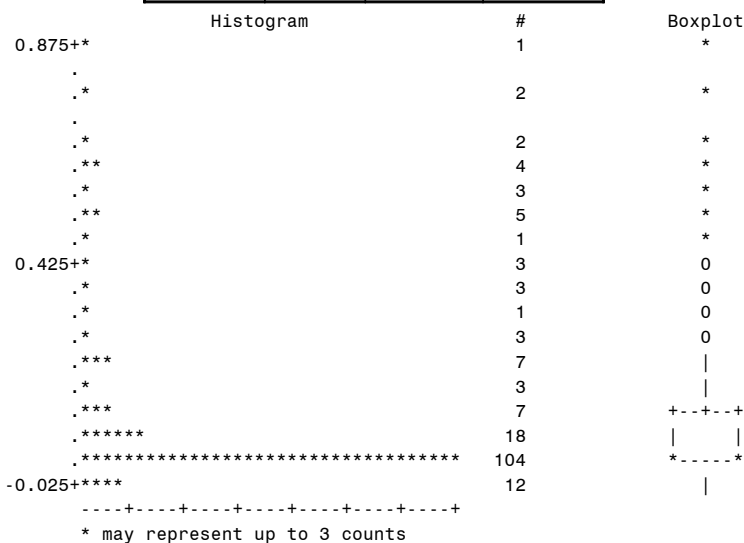
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.8543
<b>99%</b>	0.7743
<b>95%</b>	0.6097
<b>90%</b>	0.4736
<b>75% Q3</b>	0.1044
<b>50% Median</b>	0.0082
<b>25% Q1</b>	0.0015
<b>10%</b>	0.0001
<b>5%</b>	-0.0001
<b>1%</b>	-0.0020
<b>0% Min</b>	-0.0050

The UNIVARIATE Procedure  
 Variable: znt8\_crcr (zinc transporter 8)

region=Asia-Pacific

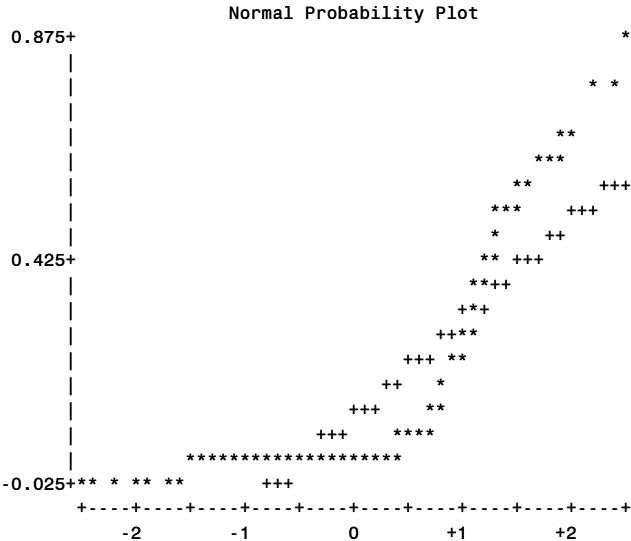
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0050	951	0.6789	1472
-0.0020	2275	0.6992	1647
-0.0009	1798	0.7688	1776
-0.0007	1109	0.7743	1411
-0.0006	933	0.8543	99

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	2308	92.80	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

**region=Asia-Pacific**



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

region=European

Moments			
<b>N</b>	333	<b>Sum Weights</b>	333
<b>Mean</b>	0.15947658	<b>Sum Observations</b>	53.1057
<b>Std Deviation</b>	0.25481824	<b>Variance</b>	0.06493234
<b>Skewness</b>	1.90619038	<b>Kurtosis</b>	2.60566788
<b>Uncorrected SS</b>	30.026651	<b>Corrected SS</b>	21.5575358
<b>Coeff Variation</b>	159.784119	<b>Std Error Mean</b>	0.01396395

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.159477	<b>Std Deviation</b>	0.25482
<b>Median</b>	0.027600	<b>Variance</b>	0.06493
<b>Mode</b>	0.000500	<b>Range</b>	1.09950
		<b>Interquartile Range</b>	0.18180

**Note:** The mode displayed is the smallest of 2 modes with a count of 6.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	11.42059	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	152.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	27359	<b>Pr &gt;=  S </b>	<.0001

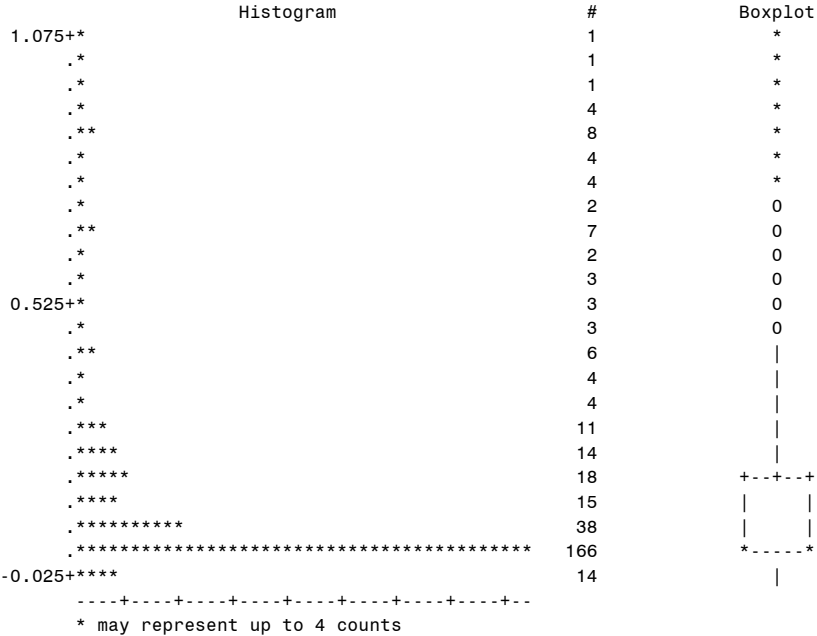
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0947
<b>99%</b>	0.9490
<b>95%</b>	0.8382
<b>90%</b>	0.6035
<b>75% Q3</b>	0.1855
<b>50% Median</b>	0.0276
<b>25% Q1</b>	0.0037
<b>10%</b>	0.0010
<b>5%</b>	0.0003
<b>1%</b>	-0.0014
<b>0% Min</b>	-0.0048

The UNIVARIATE Procedure  
 Variable: znt8\_crcr (zinc transporter 8)

region=European

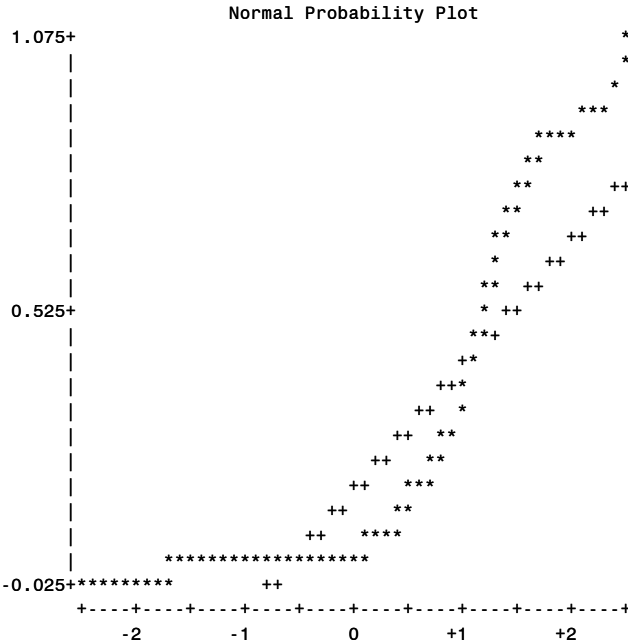
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0048	5098	0.9247	6564
-0.0046	7958	0.9490	3441
-0.0016	6324	0.9563	5931
-0.0014	5440	1.0244	4595
-0.0011	4722	1.0947	5899

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6209	94.91	100.00



The UNIVARIATE Procedure  
Variable: znt8\_crcr (zinc transporter 8)

region=European





**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

**region=North American**

Moments			
<b>N</b>	756	<b>Sum Weights</b>	756
<b>Mean</b>	0.1577668	<b>Sum Observations</b>	119.2717
<b>Std Deviation</b>	0.23114664	<b>Variance</b>	0.05342877
<b>Skewness</b>	1.71162444	<b>Kurtosis</b>	1.99141979
<b>Uncorrected SS</b>	59.1558339	<b>Corrected SS</b>	40.3387196
<b>Coeff Variation</b>	146.511584	<b>Std Error Mean</b>	0.00840672

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.157767	<b>Std Deviation</b>	0.23115
<b>Median</b>	0.039950	<b>Variance</b>	0.05343
<b>Mode</b>	0.000500	<b>Range</b>	0.95780
		<b>Interquartile Range</b>	0.21580

**Note:** The mode displayed is the smallest of 3 modes with a count of 9.

Tests for Location: $\mu_0=0$				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	18.76674	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	316	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	137272	<b>Pr &gt;=  S </b>	<.0001

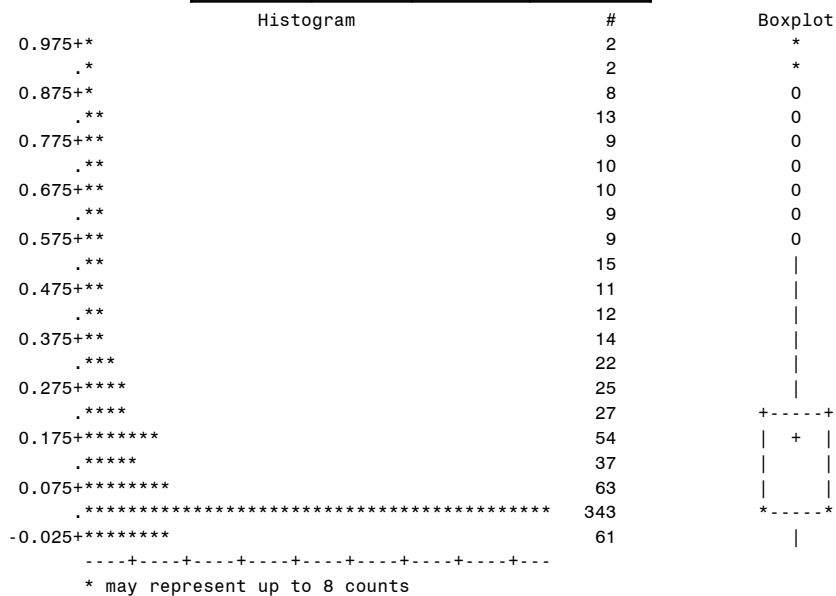
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.95240
<b>99%</b>	0.87870
<b>95%</b>	0.73560
<b>90%</b>	0.53640
<b>75% Q3</b>	0.21840
<b>50% Median</b>	0.03995
<b>25% Q1</b>	0.00260
<b>10%</b>	0.00020
<b>5%</b>	-0.00060
<b>1%</b>	-0.00180
<b>0% Min</b>	-0.00540

The UNIVARIATE Procedure  
 Variable: znt8\_crcr (zinc transporter 8)

region=North American

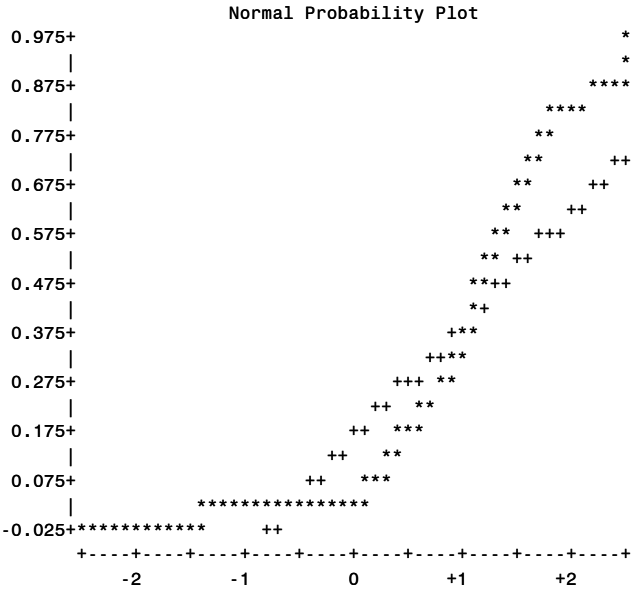
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0054	18235	0.8967	11513
-0.0042	13486	0.9083	13125
-0.0041	13351	0.9363	14132
-0.0037	13347	0.9513	13891
-0.0028	11082	0.9524	17604

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	9390	92.55	100.00



The UNIVARIATE Procedure  
Variable: znt8\_crcr (zinc transporter 8)

region=North American



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

**region=United Kingdom**

Moments			
<b>N</b>	45	<b>Sum Weights</b>	45
<b>Mean</b>	0.15510222	<b>Sum Observations</b>	6.9796
<b>Std Deviation</b>	0.22677562	<b>Variance</b>	0.05142718
<b>Skewness</b>	1.91259468	<b>Kurtosis</b>	2.78157469
<b>Uncorrected SS</b>	3.3453475	<b>Corrected SS</b>	2.26279603
<b>Coeff Variation</b>	146.210427	<b>Std Error Mean</b>	0.03380571

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.155102	<b>Std Deviation</b>	0.22678
<b>Median</b>	0.077100	<b>Variance</b>	0.05143
<b>Mode</b>	.	<b>Range</b>	0.81450
		<b>Interquartile Range</b>	0.14040

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	t	4.588048	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	M	21.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	S	514	<b>Pr &gt;=  S </b>	<.0001

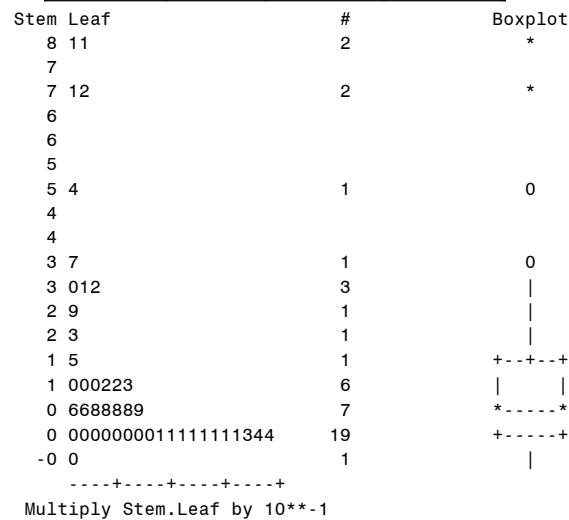
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.8134
<b>99%</b>	0.8134
<b>95%</b>	0.7239
<b>90%</b>	0.5361
<b>75% Q3</b>	0.1498
<b>50% Median</b>	0.0771
<b>25% Q1</b>	0.0094
<b>10%</b>	0.0016
<b>5%</b>	0.0007
<b>1%</b>	-0.0011
<b>0% Min</b>	-0.0011

**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

**region=United Kingdom**

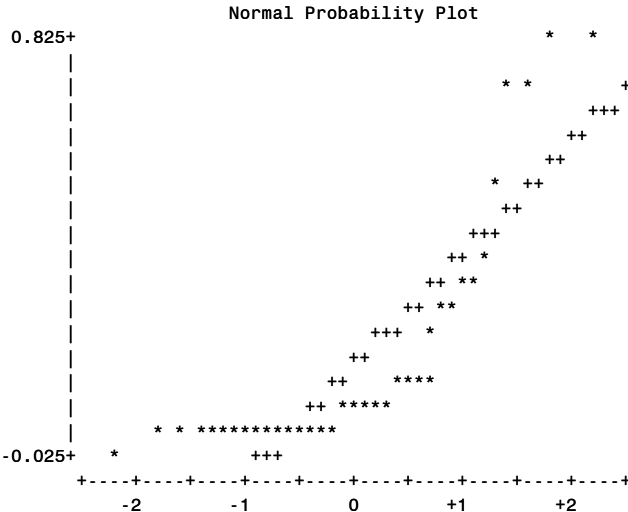
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0011	19598	0.5361	19742
0.0005	19417	0.7113	19624
0.0007	19301	0.7239	19478
0.0011	19210	0.8119	19847
0.0016	19538	0.8134	19473

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	7276	99.39	100.00



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

**region=United Kingdom**



**The UNIVARIATE Procedure**  
**Variable: znt8\_crcr (zinc transporter 8)**

region=Overall

Moments			
<b>N</b>	1313	<b>Sum Weights</b>	1313
<b>Mean</b>	0.15164905	<b>Sum Observations</b>	199.1152
<b>Std Deviation</b>	0.23314119	<b>Variance</b>	0.05435481
<b>Skewness</b>	1.82789879	<b>Kurtosis</b>	2.43010943
<b>Uncorrected SS</b>	101.509147	<b>Corrected SS</b>	71.3135168
<b>Coeff Variation</b>	153.737325	<b>Std Error Mean</b>	0.00643408

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.151649	<b>Std Deviation</b>	0.23314
<b>Median</b>	0.031600	<b>Variance</b>	0.05435
<b>Mode</b>	0.000500	<b>Range</b>	1.10010
		<b>Interquartile Range</b>	0.19000

Note: The mode displayed is the smallest of 2 modes with a count of 18.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	23.56965	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	567.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	417894	<b>Pr &gt;=  S </b>	<.0001

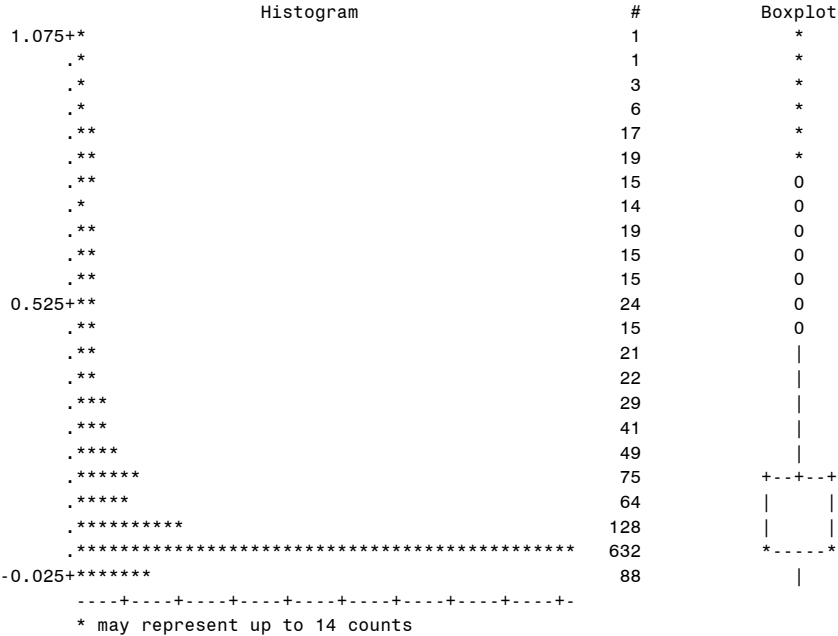
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0947
<b>99%</b>	0.8941
<b>95%</b>	0.7395
<b>90%</b>	0.5361
<b>75% Q3</b>	0.1928
<b>50% Median</b>	0.0316
<b>25% Q1</b>	0.0028
<b>10%</b>	0.0005
<b>5%</b>	-0.0003
<b>1%</b>	-0.0016
<b>0% Min</b>	-0.0054

The UNIVARIATE Procedure  
 Variable: znt8\_crcr (zinc transporter 8)

region=Overall

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0054	44731	0.9513	40387
-0.0050	27447	0.9524	44100
-0.0048	31594	0.9563	32427
-0.0046	34454	1.0244	31091
-0.0042	39982	1.0947	32395

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	25183	95.04	100.00

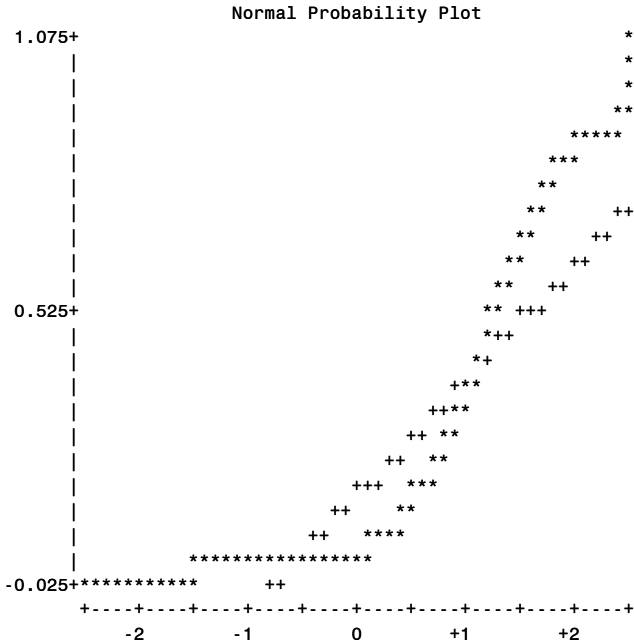


\* may represent up to 14 counts



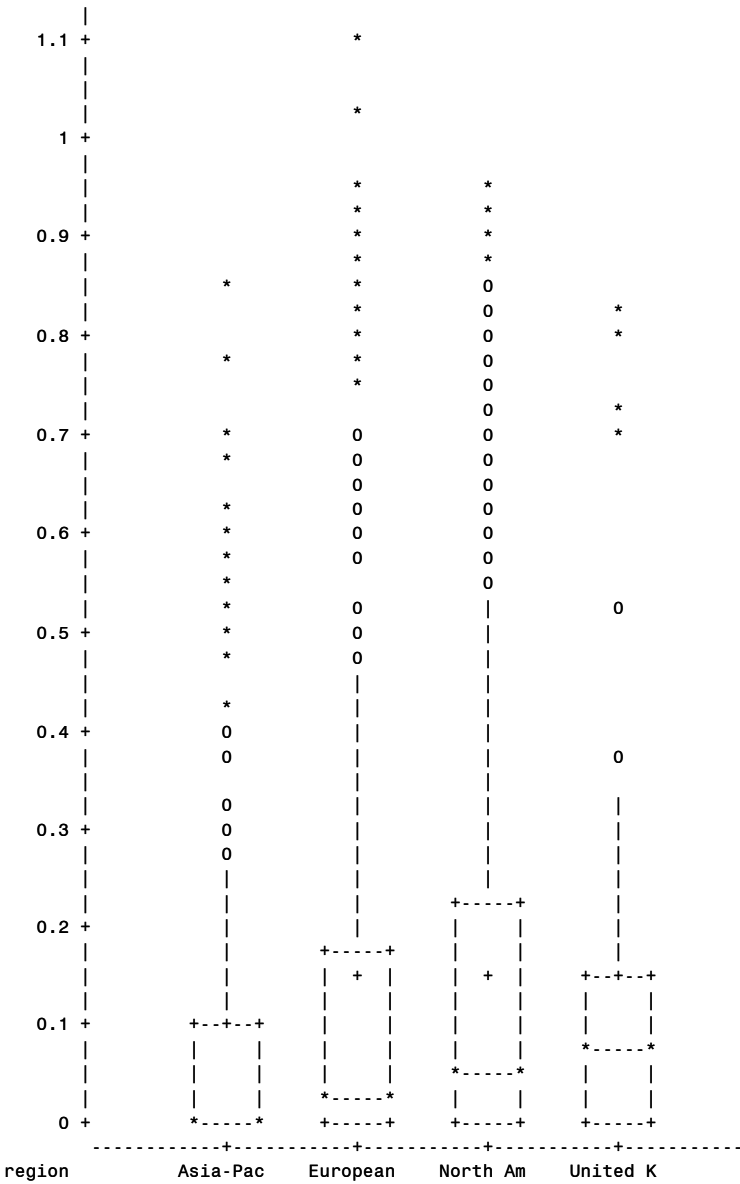
The UNIVARIATE Procedure  
Variable: znt8\_crcr (zinc transporter 8)

region=Overall



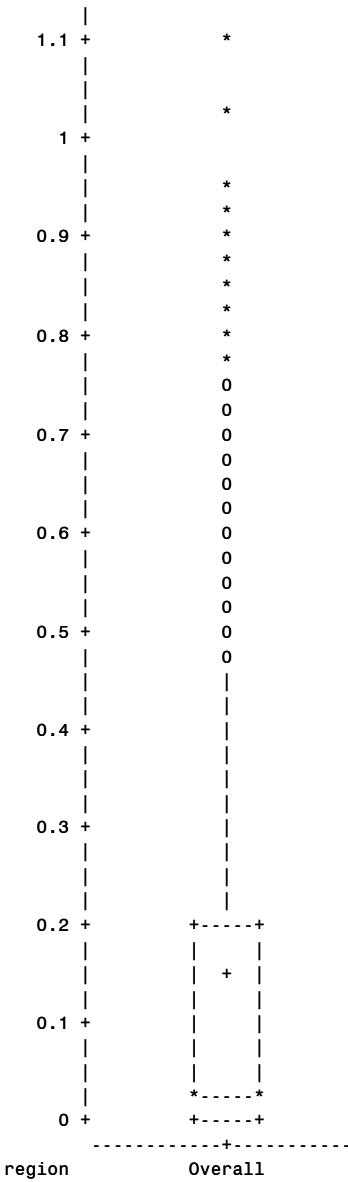
The UNIVARIATE Procedure  
Variable: znt8\_crcr (zinc transporter 8)

Schematic Plots



The UNIVARIATE Procedure  
Variable: znt8\_crcr (zinc transporter 8)

Schematic Plots



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcw (zinc transporter 8)**

region=Asia-Pacific

Moments			
<b>N</b>	179	<b>Sum Weights</b>	179
<b>Mean</b>	0.07919106	<b>Sum Observations</b>	14.1752
<b>Std Deviation</b>	0.17292134	<b>Variance</b>	0.02990179
<b>Skewness</b>	3.03872791	<b>Kurtosis</b>	9.53945362
<b>Uncorrected SS</b>	6.44506776	<b>Corrected SS</b>	5.32251863
<b>Coeff Variation</b>	218.35967	<b>Std Error Mean</b>	0.01292475

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.079191	<b>Std Deviation</b>	0.17292
<b>Median</b>	0.006200	<b>Variance</b>	0.02990
<b>Mode</b>	0.001300	<b>Range</b>	0.99010
		<b>Interquartile Range</b>	0.05530

Note: The mode displayed is the smallest of 2 modes with a count of 6.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	6.127088	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	74.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	7731.5	<b>Pr &gt;=  S </b>	<.0001

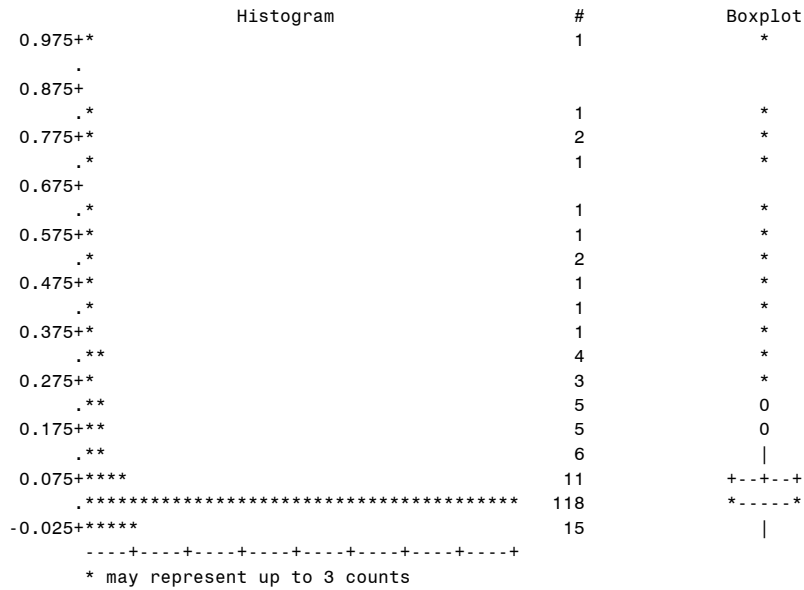
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.9842
<b>99%</b>	0.8094
<b>95%</b>	0.5240
<b>90%</b>	0.2869
<b>75% Q3</b>	0.0570
<b>50% Median</b>	0.0062
<b>25% Q1</b>	0.0017
<b>10%</b>	0.0002
<b>5%</b>	-0.0004
<b>1%</b>	-0.0045
<b>0% Min</b>	-0.0059

The UNIVARIATE Procedure  
 Variable: znt8\_cwcw (zinc transporter 8)

region=Asia-Pacific

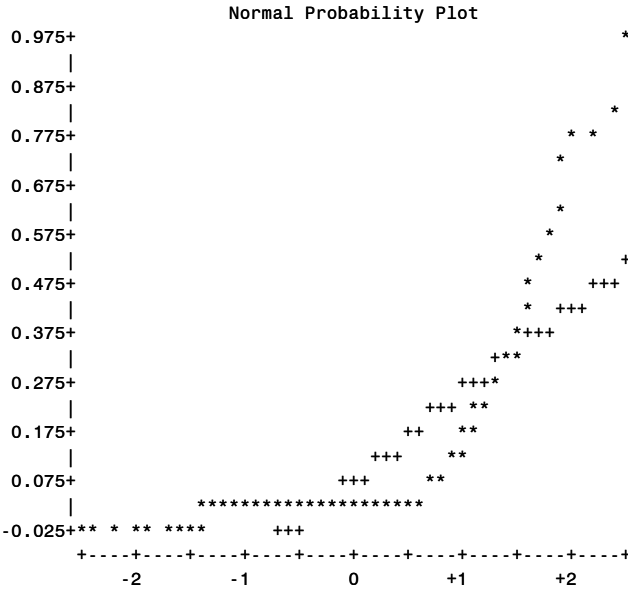
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0059	951	0.7354	1411
-0.0045	2275	0.7704	1647
-0.0010	1496	0.7886	163
-0.0009	1798	0.8094	99
-0.0007	1329	0.9842	1472

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	2308	92.80	100.00



The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=Asia-Pacific



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcw (zinc transporter 8)**

region=European

Moments			
<b>N</b>	333	<b>Sum Weights</b>	333
<b>Mean</b>	0.13315736	<b>Sum Observations</b>	44.3414
<b>Std Deviation</b>	0.2352499	<b>Variance</b>	0.05534252
<b>Skewness</b>	2.16275582	<b>Kurtosis</b>	3.82248679
<b>Uncorrected SS</b>	24.2780991	<b>Corrected SS</b>	18.3737154
<b>Coeff Variation</b>	176.6706	<b>Std Error Mean</b>	0.01289162

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.133157	<b>Std Deviation</b>	0.23525
<b>Median</b>	0.015000	<b>Variance</b>	0.05534
<b>Mode</b>	0.002700	<b>Range</b>	1.05760
		<b>Interquartile Range</b>	0.12910

**Note:** The mode displayed is the smallest of 3 modes with a count of 5.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	10.32899	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	147	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	26659	<b>Pr &gt;=  S </b>	<.0001

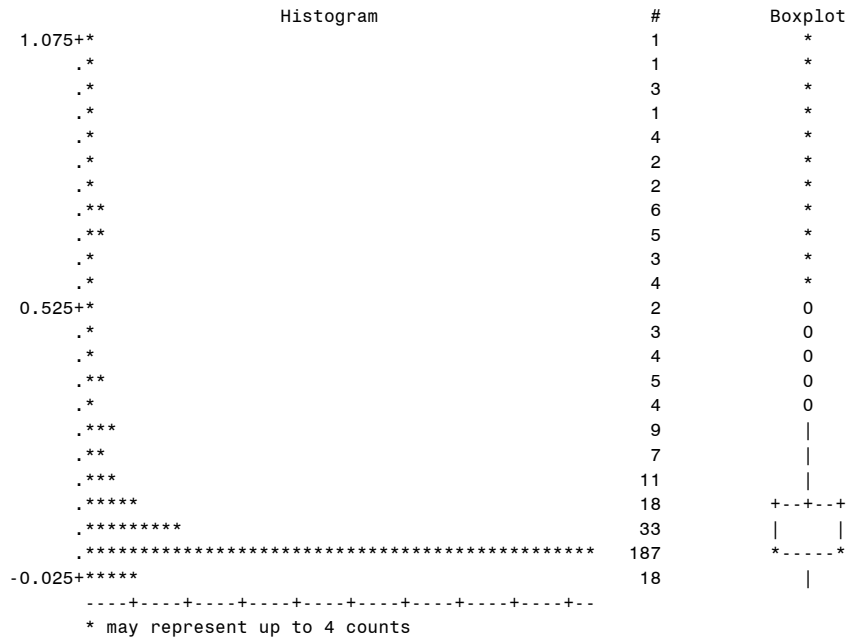
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0515
<b>99%</b>	0.9584
<b>95%</b>	0.7292
<b>90%</b>	0.5080
<b>75% Q3</b>	0.1321
<b>50% Median</b>	0.0150
<b>25% Q1</b>	0.0030
<b>10%</b>	0.0010
<b>5%</b>	-0.0002
<b>1%</b>	-0.0020
<b>0% Min</b>	-0.0061

The UNIVARIATE Procedure  
 Variable: znt8\_cwcw (zinc transporter 8)

region=European

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0061	7958	0.9560	6519
-0.0060	5098	0.9584	3441
-0.0024	3411	0.9765	6139
-0.0020	6324	1.0161	5899
-0.0020	6288	1.0515	3949

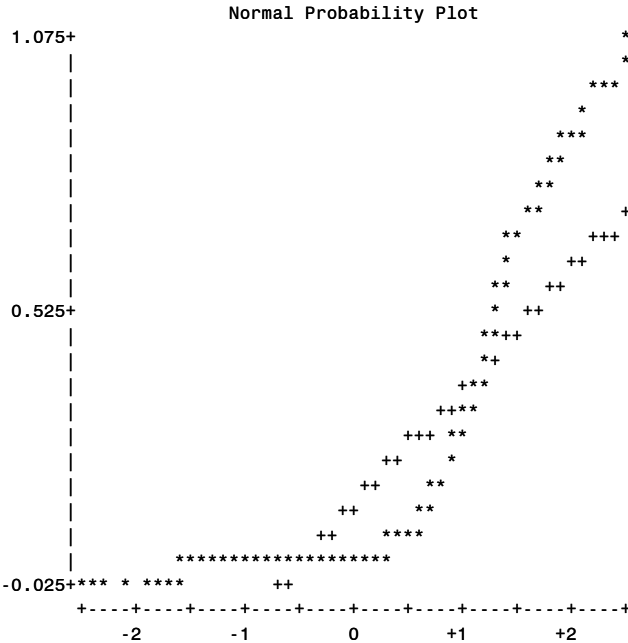
Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	6209	94.91	100.00





The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=European



**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcw (zinc transporter 8)**

**region=North American**

Moments			
<b>N</b>	756	<b>Sum Weights</b>	756
<b>Mean</b>	0.11827963	<b>Sum Observations</b>	89.4194
<b>Std Deviation</b>	0.20381955	<b>Variance</b>	0.04154241
<b>Skewness</b>	2.08135402	<b>Kurtosis</b>	3.51905732
<b>Uncorrected SS</b>	41.9410121	<b>Corrected SS</b>	31.3645186
<b>Coeff Variation</b>	172.320077	<b>Std Error Mean</b>	0.00741285

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.118280	<b>Std Deviation</b>	0.20382
<b>Median</b>	0.015100	<b>Variance</b>	0.04154
<b>Mode</b>	0.001300	<b>Range</b>	0.98570
		<b>Interquartile Range</b>	0.13465

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	15.95604	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	299.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	134108.5	<b>Pr &gt;=  S </b>	<.0001

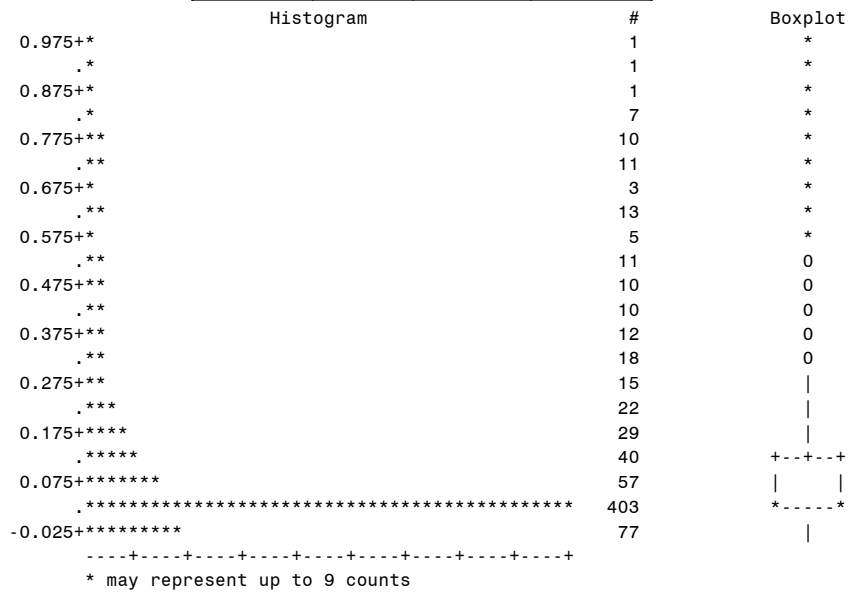
Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.97900
<b>99%</b>	0.81240
<b>95%</b>	0.63600
<b>90%</b>	0.44120
<b>75% Q3</b>	0.13630
<b>50% Median</b>	0.01510
<b>25% Q1</b>	0.00165
<b>10%</b>	-0.00010
<b>5%</b>	-0.00080
<b>1%</b>	-0.00200
<b>0% Min</b>	-0.00670

The UNIVARIATE Procedure  
 Variable: znt8\_cwcw (zinc transporter 8)

region=North American

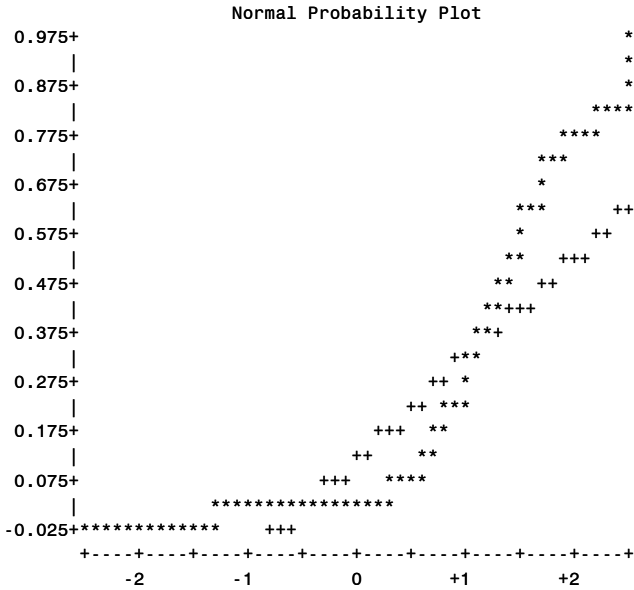
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0067	18235	0.8448	18185
-0.0061	13347	0.8496	17682
-0.0054	11082	0.8670	13965
-0.0053	13486	0.9147	14817
-0.0045	13351	0.9790	14004

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	9390	92.55	100.00



The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=North American



The UNIVARIATE Procedure  
 Variable: znt8\_cwcw (zinc transporter 8)

region=United Kingdom

Moments			
<b>N</b>	45	<b>Sum Weights</b>	45
<b>Mean</b>	0.08990889	<b>Sum Observations</b>	4.0459
<b>Std Deviation</b>	0.17295432	<b>Variance</b>	0.0299132
<b>Skewness</b>	2.8519828	<b>Kurtosis</b>	8.44915969
<b>Uncorrected SS</b>	1.67994299	<b>Corrected SS</b>	1.31618062
<b>Coeff Variation</b>	192.366205	<b>Std Error Mean</b>	0.02578251

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.089909	<b>Std Deviation</b>	0.17295
<b>Median</b>	0.011700	<b>Variance</b>	0.02991
<b>Mode</b>	0.002400	<b>Range</b>	0.82580
		<b>Interquartile Range</b>	0.08740

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	3.487205	<b>Pr &gt;  t </b>	0.0011
<b>Sign</b>	<b>M</b>	20.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	511.5	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	0.8251
<b>99%</b>	0.8251
<b>95%</b>	0.4568
<b>90%</b>	0.3488
<b>75% Q3</b>	0.0898
<b>50% Median</b>	0.0117
<b>25% Q1</b>	0.0024
<b>10%</b>	0.0010
<b>5%</b>	0.0001
<b>1%</b>	-0.0007
<b>0% Min</b>	-0.0007

The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=United Kingdom

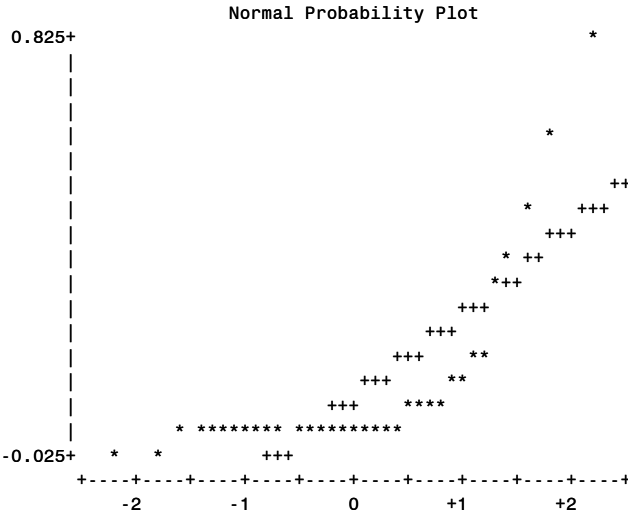
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0007	19378	0.3488	19742
-0.0004	19598	0.3811	19224
0.0001	19179	0.4568	19624
0.0006	19421	0.6171	19709
0.0010	19301	0.8251	19473

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	7276	99.39	100.00

Stem Leaf	#	Boxplot
8 3	1	*
7		
7		
6		
6 2	1	*
5		
5		
4 6	1	*
4		
3 58	2	0
3		
2		
2		
1 78	2	
1 12	2	
0 5889999	7	+--+--+
0 00000000000000000000111111124444	27	*-----*
-0 00	2	
-----+-----+-----+-----+-----+-----		
Multiply Stem.Leaf by 10**-1		

**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcw (zinc transporter 8)**

**region=United Kingdom**



The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=Overall

Moments			
<b>N</b>	1313	<b>Sum Weights</b>	1313
<b>Mean</b>	0.11575164	<b>Sum Observations</b>	151.9819
<b>Std Deviation</b>	0.20798094	<b>Variance</b>	0.04325607
<b>Skewness</b>	2.24448714	<b>Kurtosis</b>	4.36579638
<b>Uncorrected SS</b>	74.3441219	<b>Corrected SS</b>	56.7519681
<b>Coeff Variation</b>	179.67862	<b>Std Error Mean</b>	0.00573973

Basic Statistical Measures			
Location		Variability	
<b>Mean</b>	0.115752	<b>Std Deviation</b>	0.20798
<b>Median</b>	0.012100	<b>Variance</b>	0.04326
<b>Mode</b>	0.001300	<b>Range</b>	1.05820
		<b>Interquartile Range</b>	0.12140

Tests for Location: Mu0=0				
Test	Statistic		p Value	
<b>Student's t</b>	<b>t</b>	20.16675	<b>Pr &gt;  t </b>	<.0001
<b>Sign</b>	<b>M</b>	541.5	<b>Pr &gt;=  M </b>	<.0001
<b>Signed Rank</b>	<b>S</b>	409505	<b>Pr &gt;=  S </b>	<.0001

Quantiles (Definition 5)	
Quantile	Estimate
<b>100% Max</b>	1.0515
<b>99%</b>	0.8537
<b>95%</b>	0.6468
<b>90%</b>	0.4252
<b>75% Q3</b>	0.1234
<b>50% Median</b>	0.0121
<b>25% Q1</b>	0.0020
<b>10%</b>	0.0002
<b>5%</b>	-0.0007
<b>1%</b>	-0.0020
<b>0% Min</b>	-0.0067

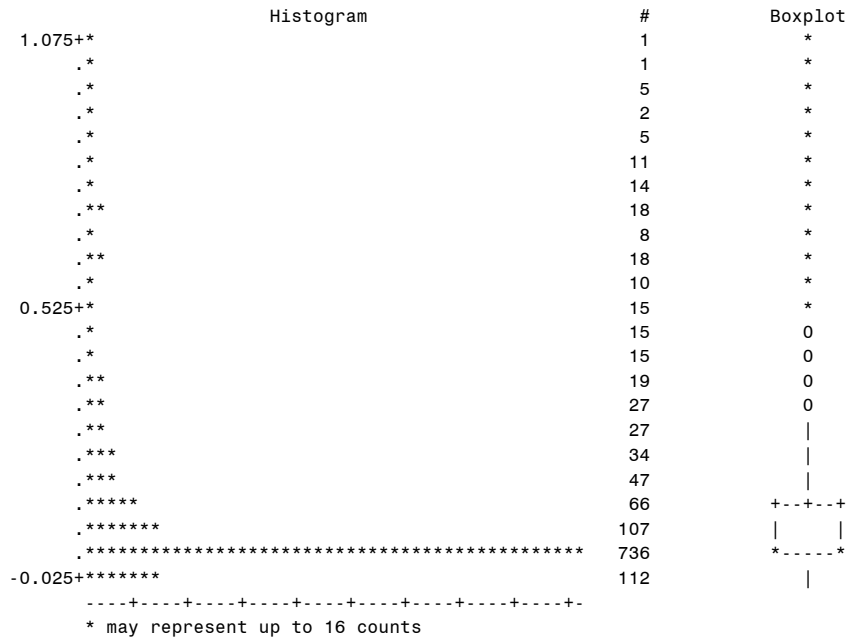


The UNIVARIATE Procedure  
 Variable: znt8\_cwcw (zinc transporter 8)

region=Overall

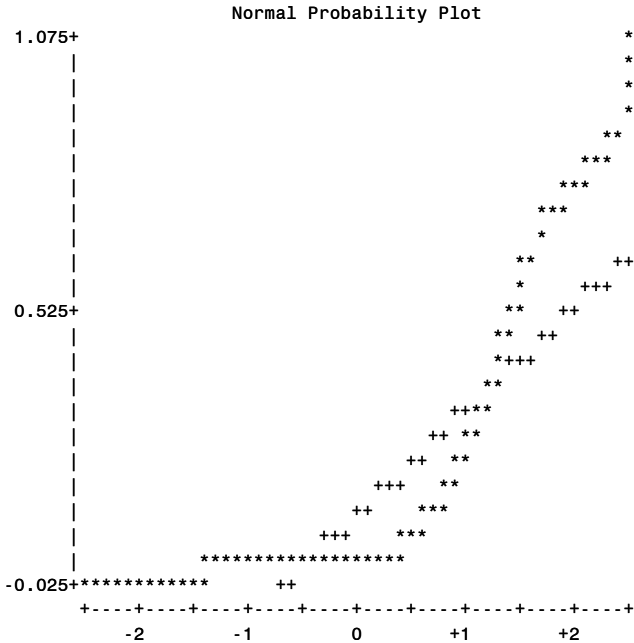
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-0.0067	44731	0.9765	32635
-0.0061	39843	0.9790	40500
-0.0061	34454	0.9842	27968
-0.0060	31594	1.0161	32395
-0.0059	27447	1.0515	30445

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	25183	95.04	100.00



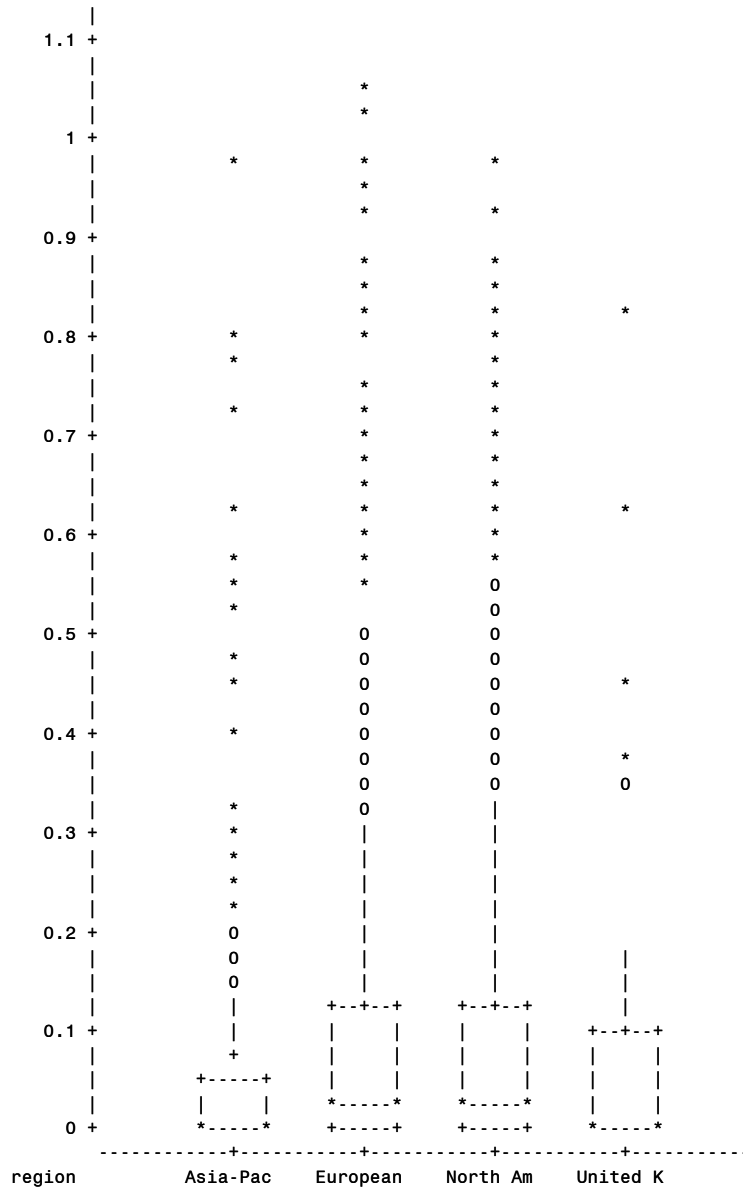
The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

region=Overall



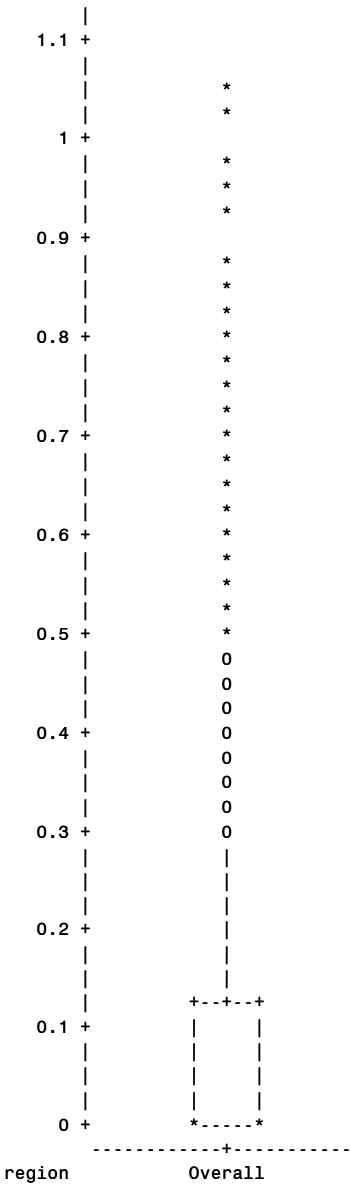
**The UNIVARIATE Procedure**  
**Variable: znt8\_cwcw (zinc transporter 8)**

**Schematic Plots**



The UNIVARIATE Procedure  
Variable: znt8\_cwcw (zinc transporter 8)

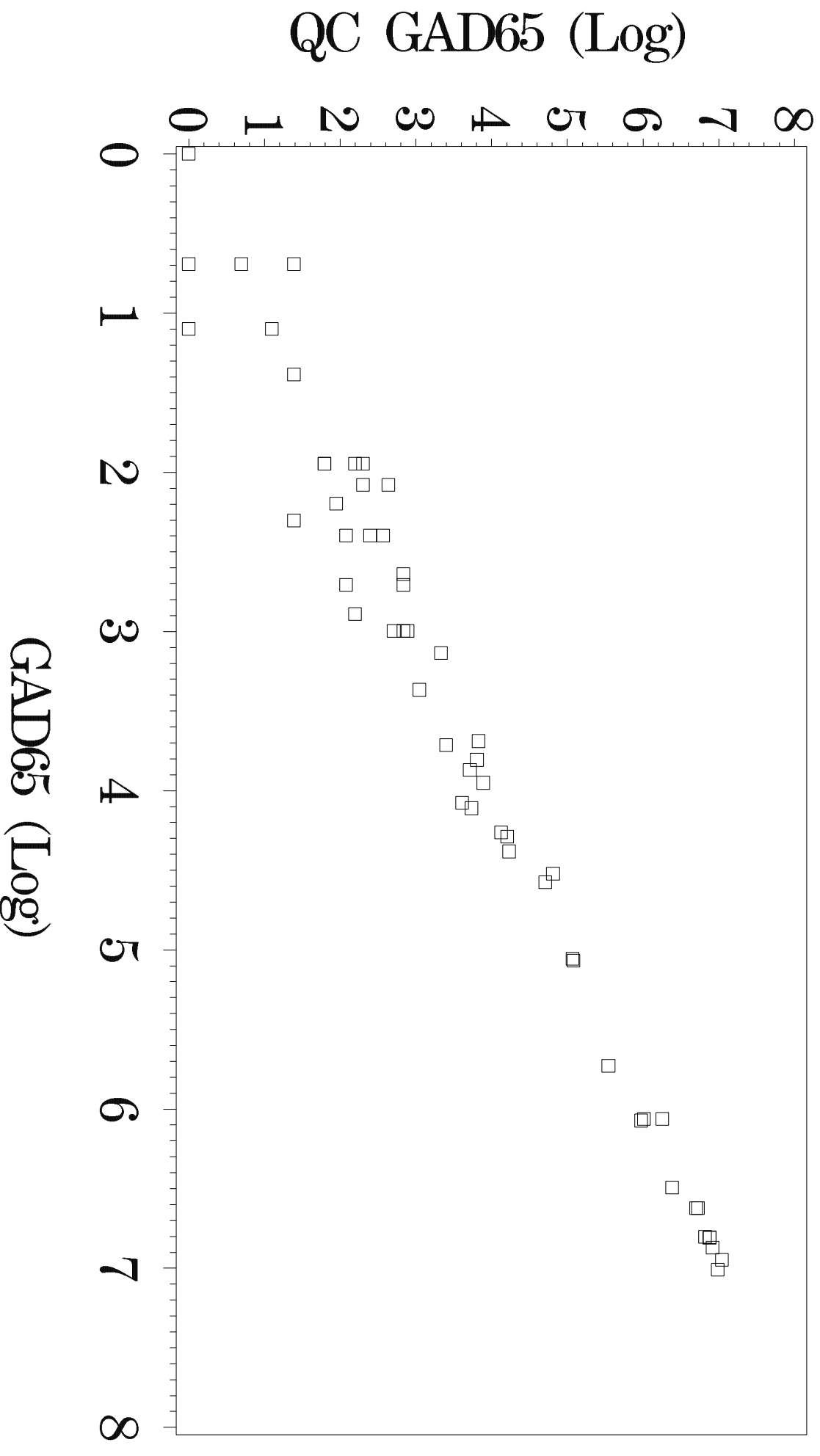
Schematic Plots



X-Y Plot of Quality Control Data By Network for glutamic acid decarboxylase65 (GAD65) on The Log-Log Scale

## Standard Values

Network: Asia-Pacific

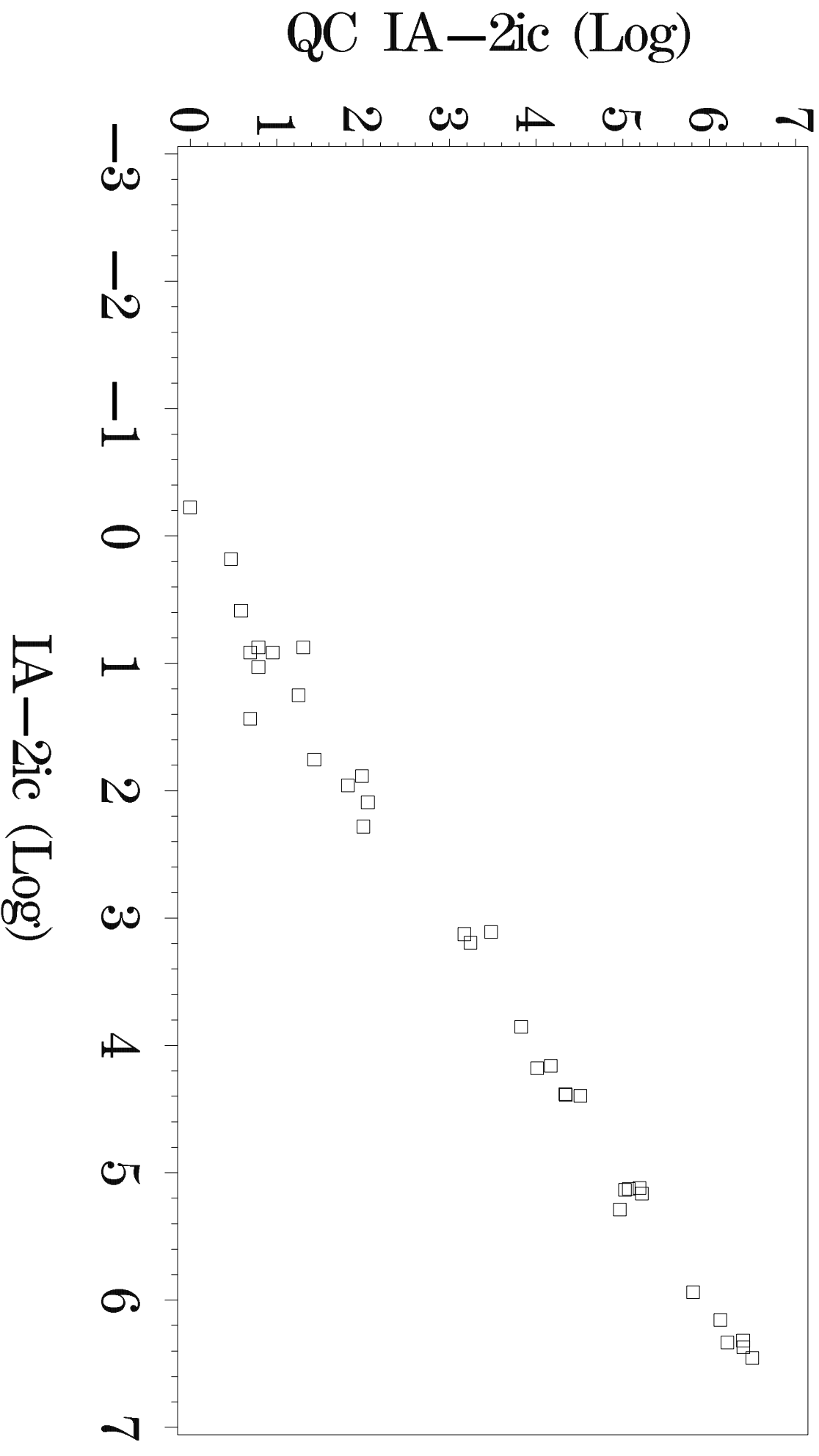


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X-Y Plot of Quality Control Data By Network for islet cell antigen (IA-2ic) on The Log-Log Scale

## Standard Values

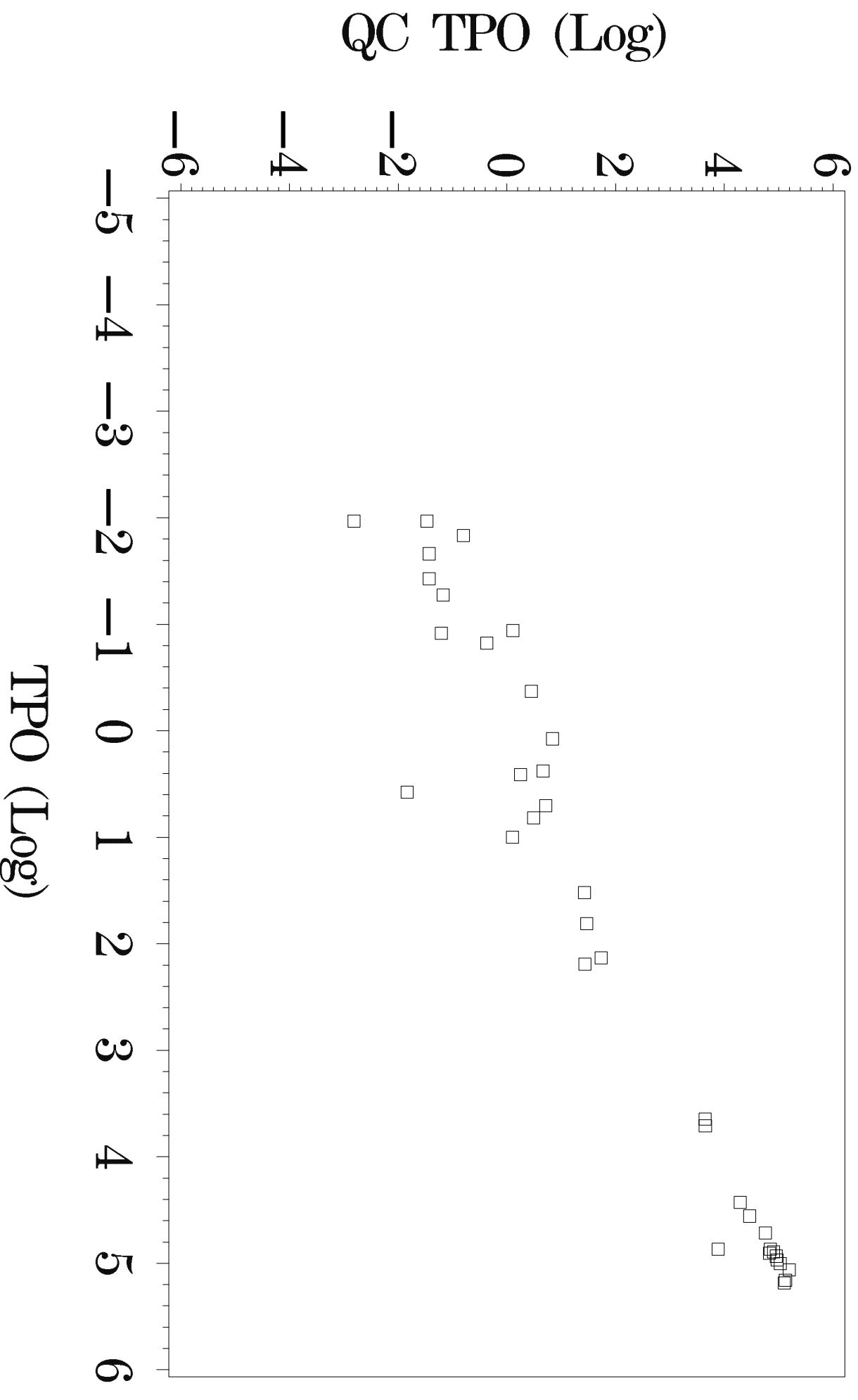
Network: Asia-Pacific



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X-Y Plot of Quality Control Data By Network for thyroid peroxidase (TPO) on The Log-Log Scale

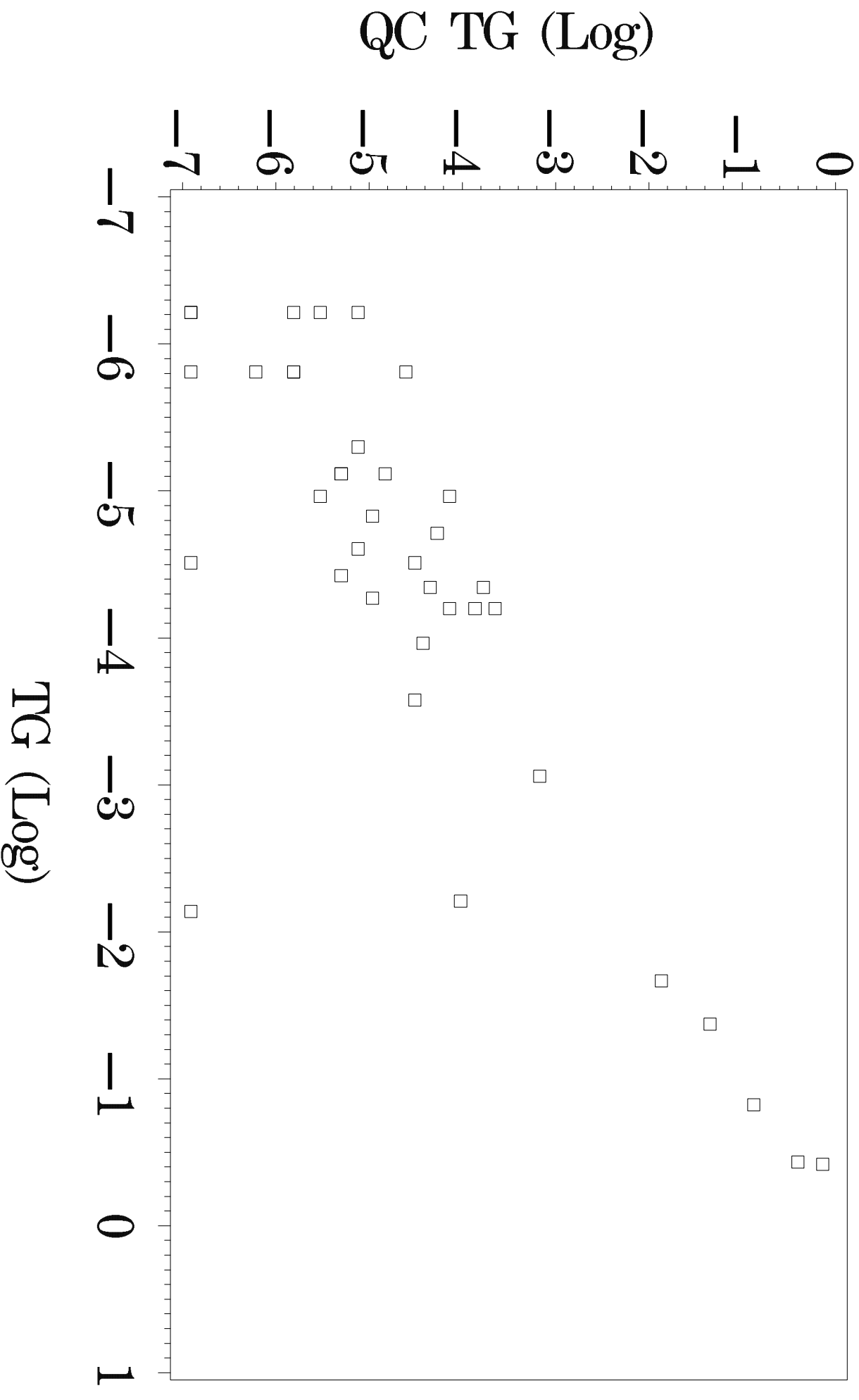
## Network: Asia-Pacific



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X-Y Plot of Quality Control Data By Network for transglutaminase (TG) on The Log-Log Scale

## Network: Asia-Pacific

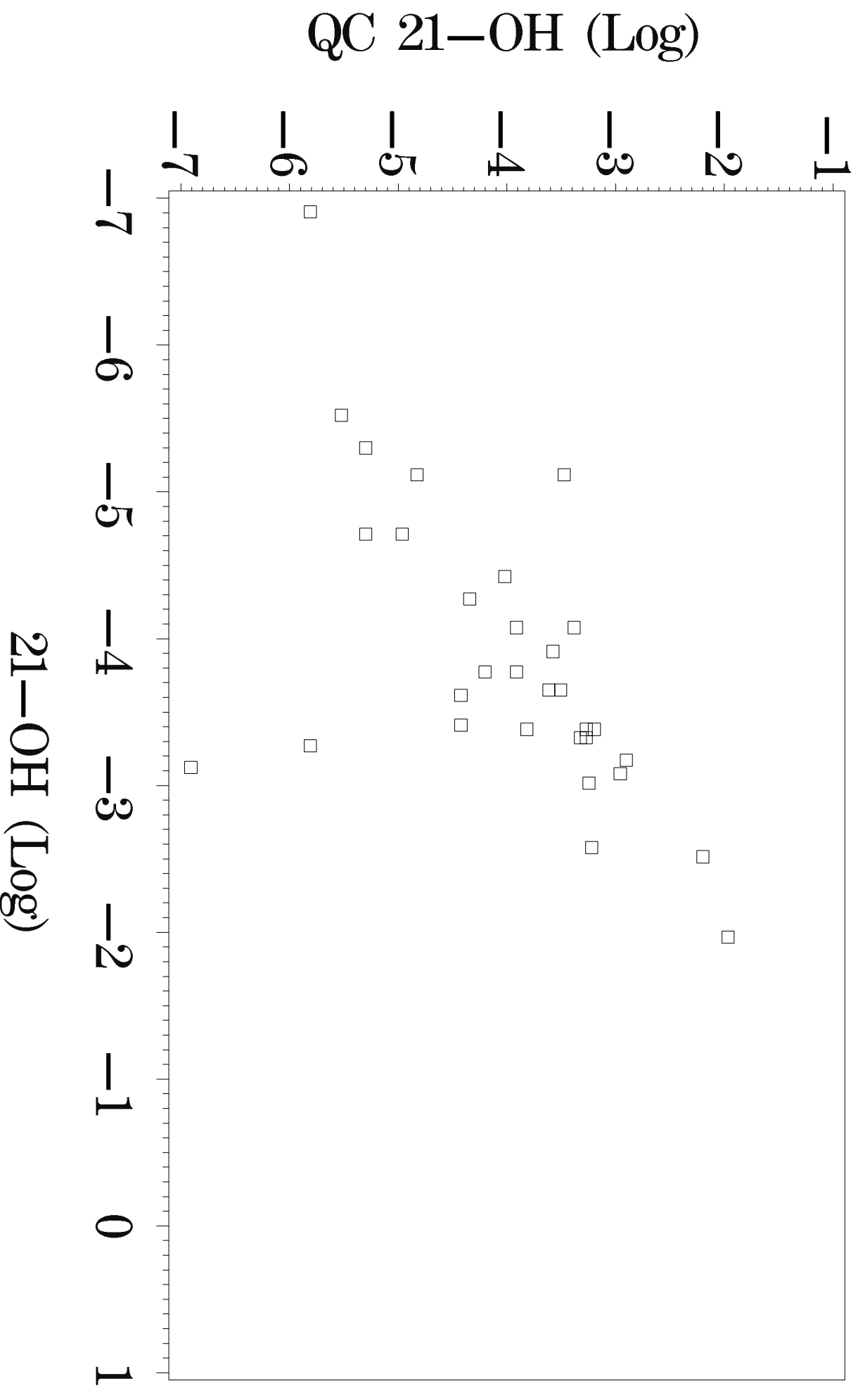


February 10, 2011



X-Y Plot of Quality Control Data By Network for 21-hydroxylase (21-OH) on The Log-Log Scale

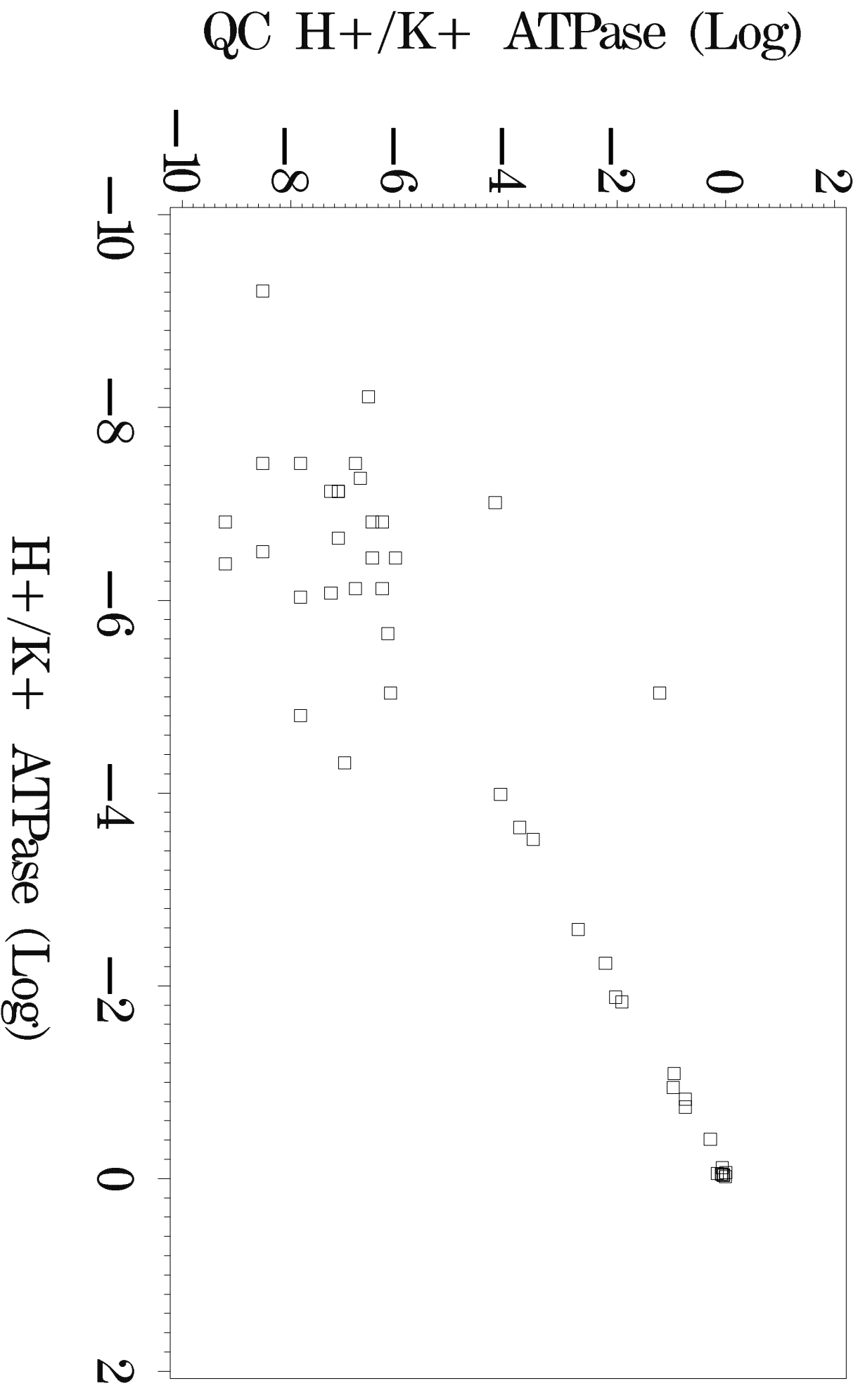
## Network: Asia-Pacific



February 10, 2011

X-Y Plot of Quality Control Data By Network for hydrogen potassium ATPase (H+/K+ ATPase) on The Log-Log Scale

## Network: Asia-Pacific

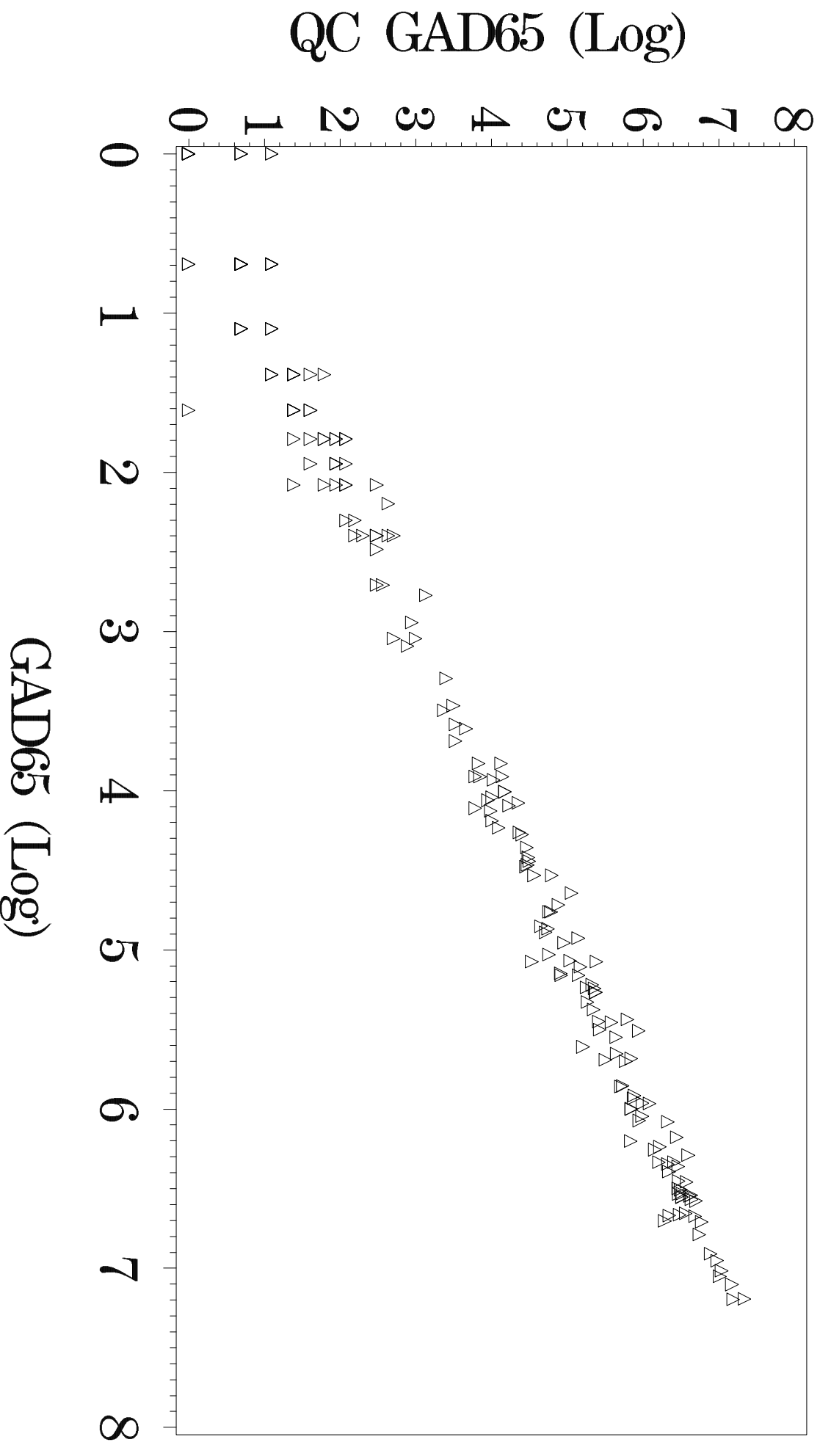


February 10, 2011

X-Y Plot of Quality Control Data By Network for glutamic acid decarboxylase65 (GAD65) on The Log-Log Scale

## Standard Values

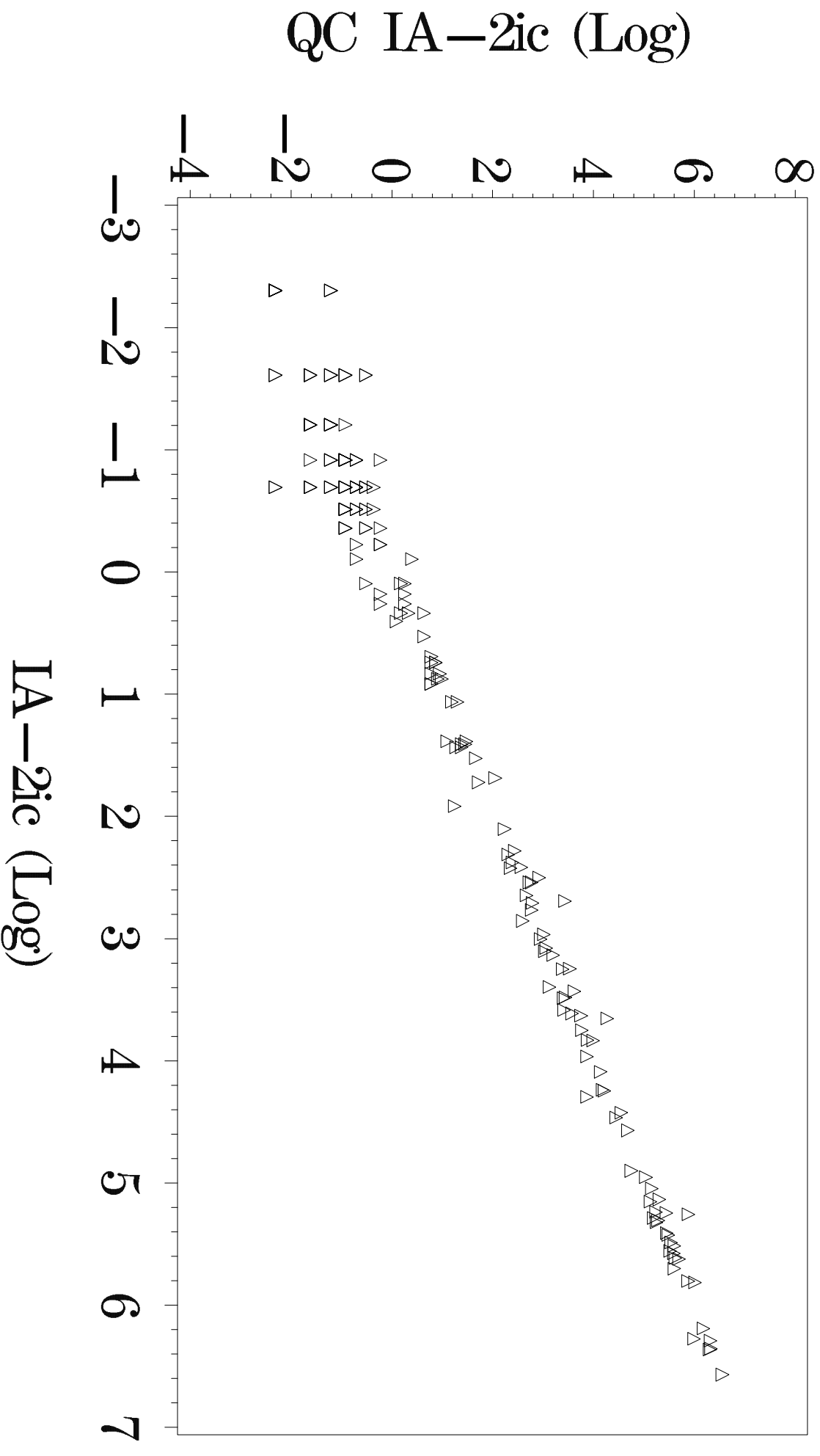
Network: European



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X-Y Plot of Quality Control Data By Network for islet cell antigen (IA-2ic) on The Log-Log Scale

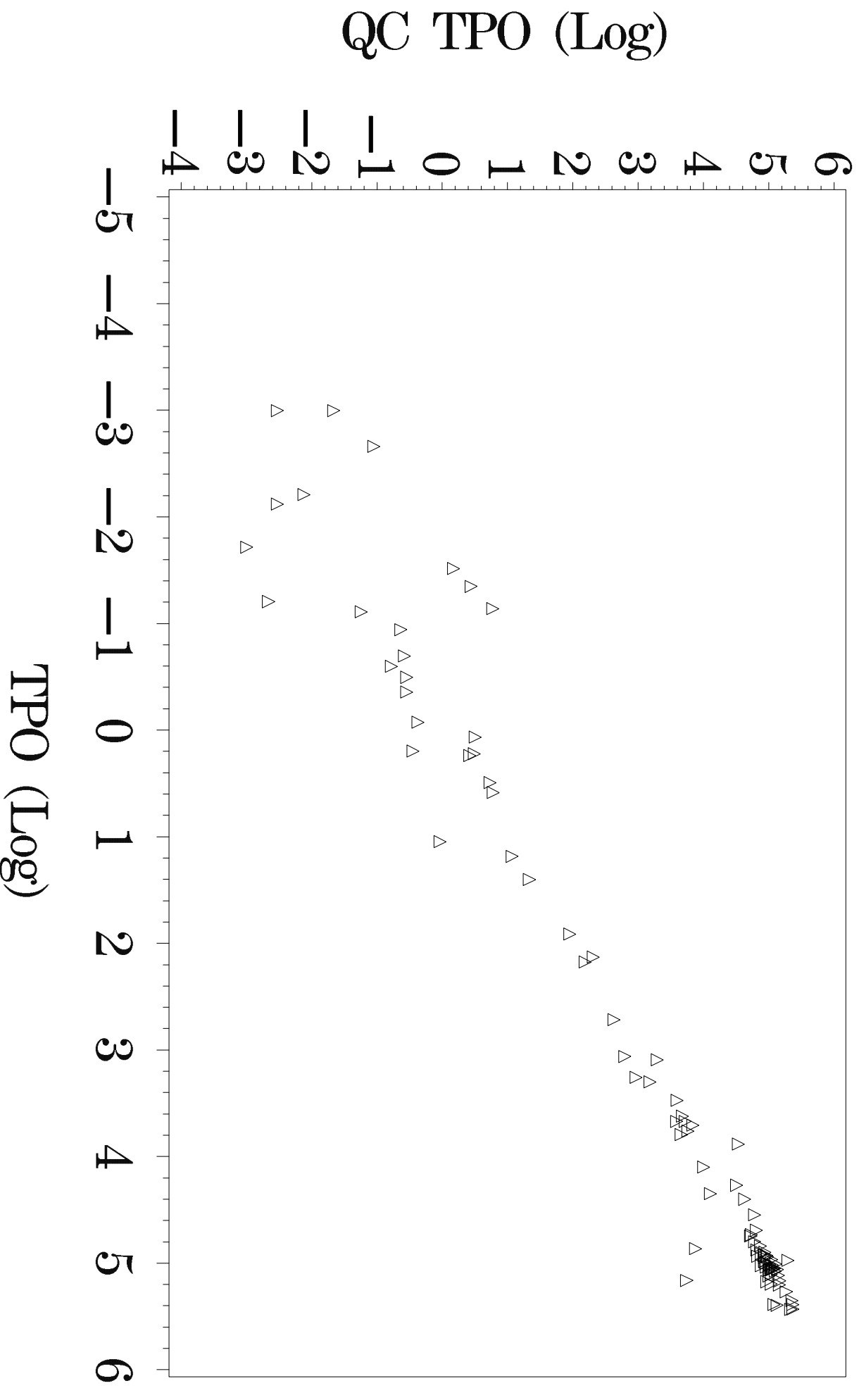
## Standard Values Network: European



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X-Y Plot of Quality Control Data By Network for thyroid peroxidase (TPO) on The Log-Log Scale

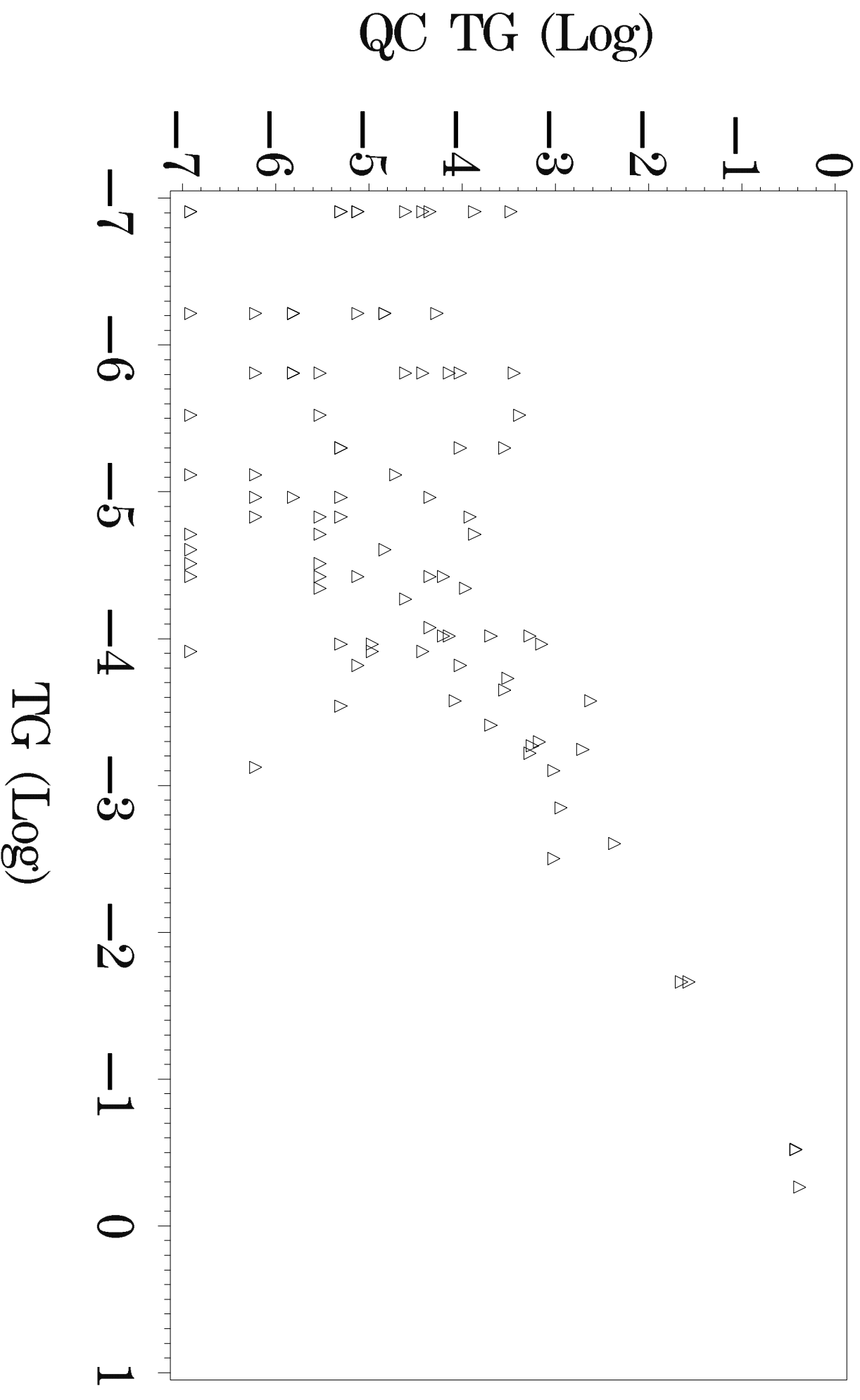
## Network: European



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X-Y Plot of Quality Control Data By Network for transglutaminase (TG) on The Log-Log Scale

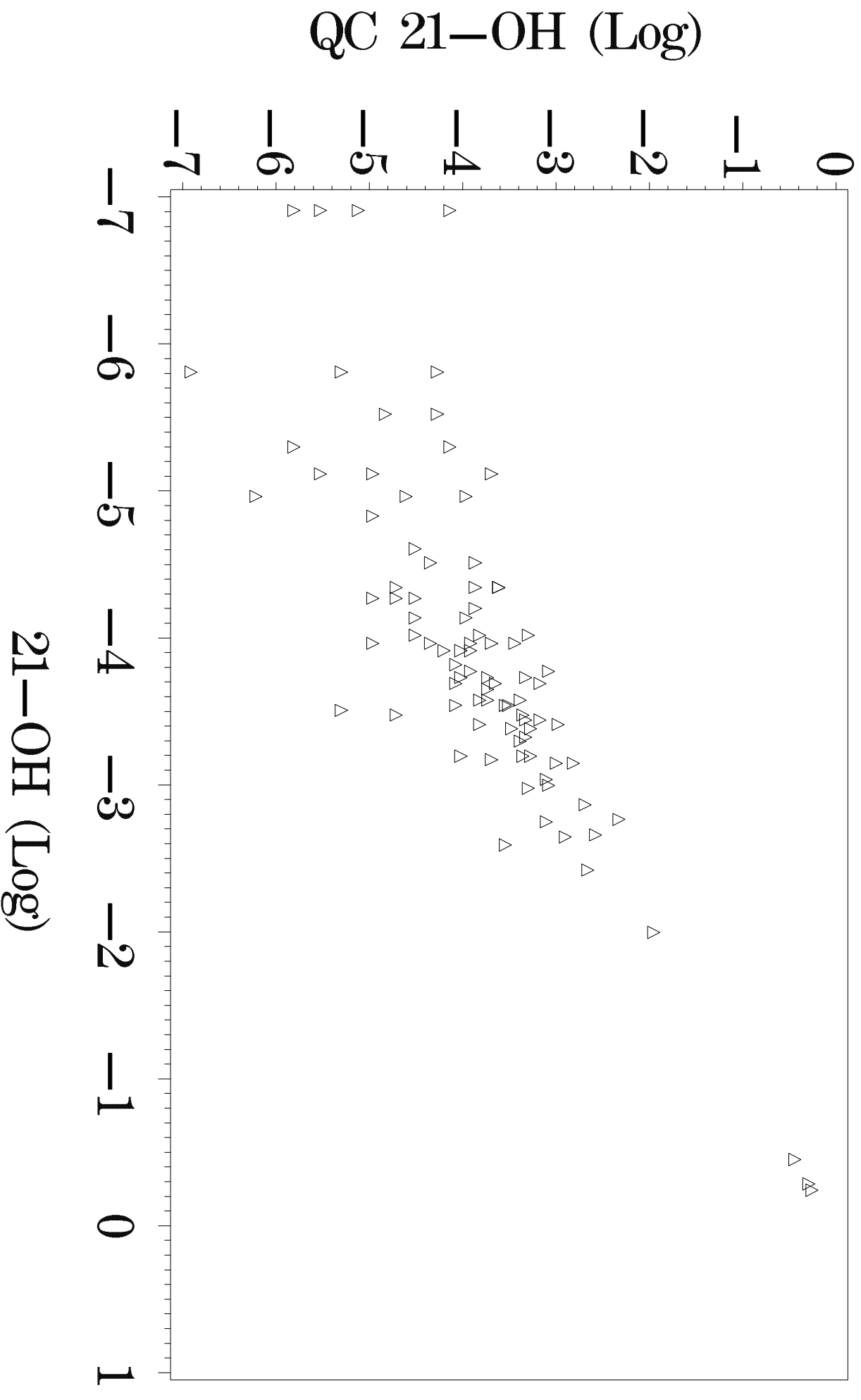
## Network: European



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X-Y Plot of Quality Control Data By Network for 21-hydroxylase (21-OH) on The Log-Log Scale

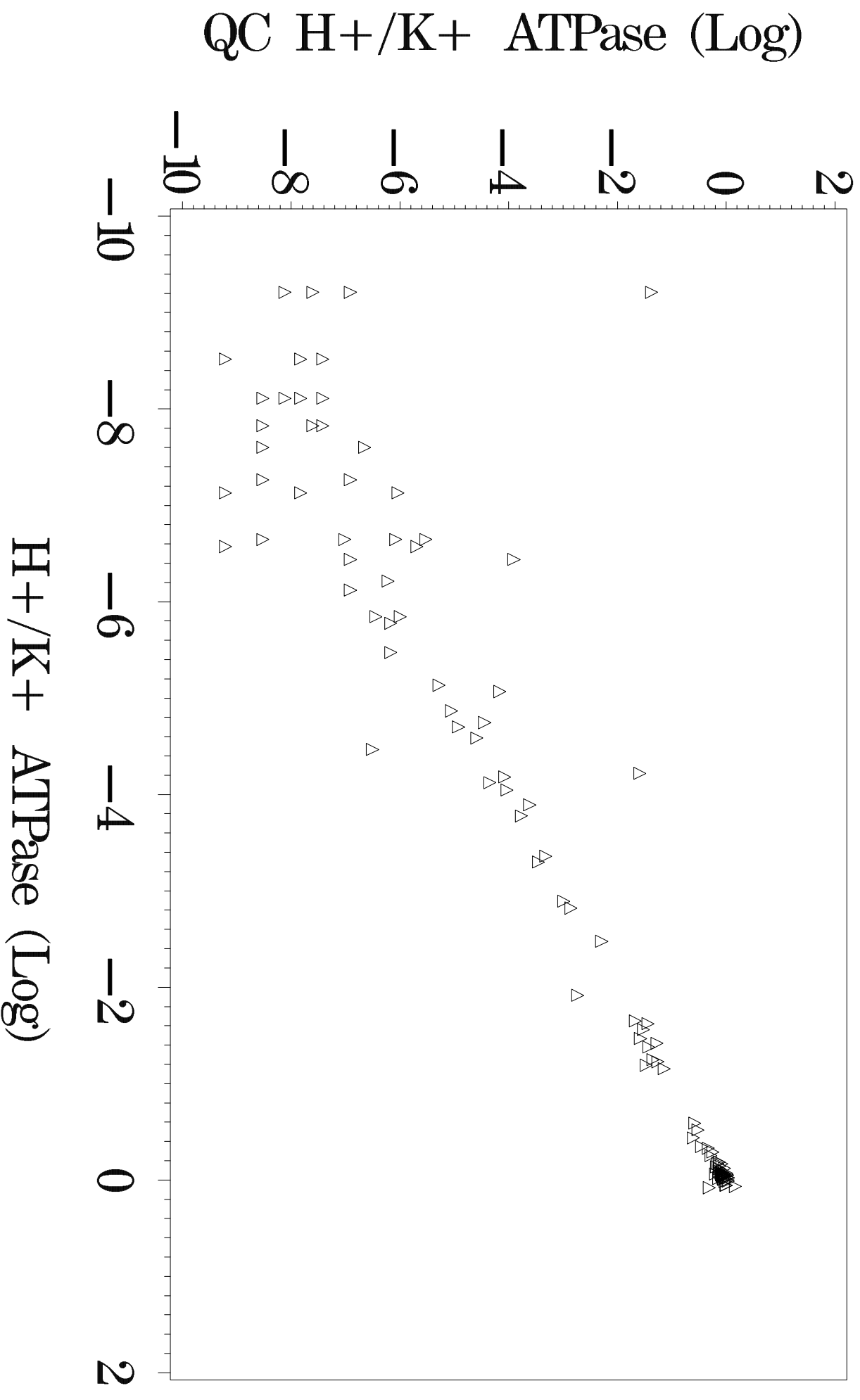
## Network: European



February 10, 2011

X-Y Plot of Quality Control Data By Network for hydrogen potassium ATPase (H+/K+ ATPase) on The Log-Log Scale

## Network: European



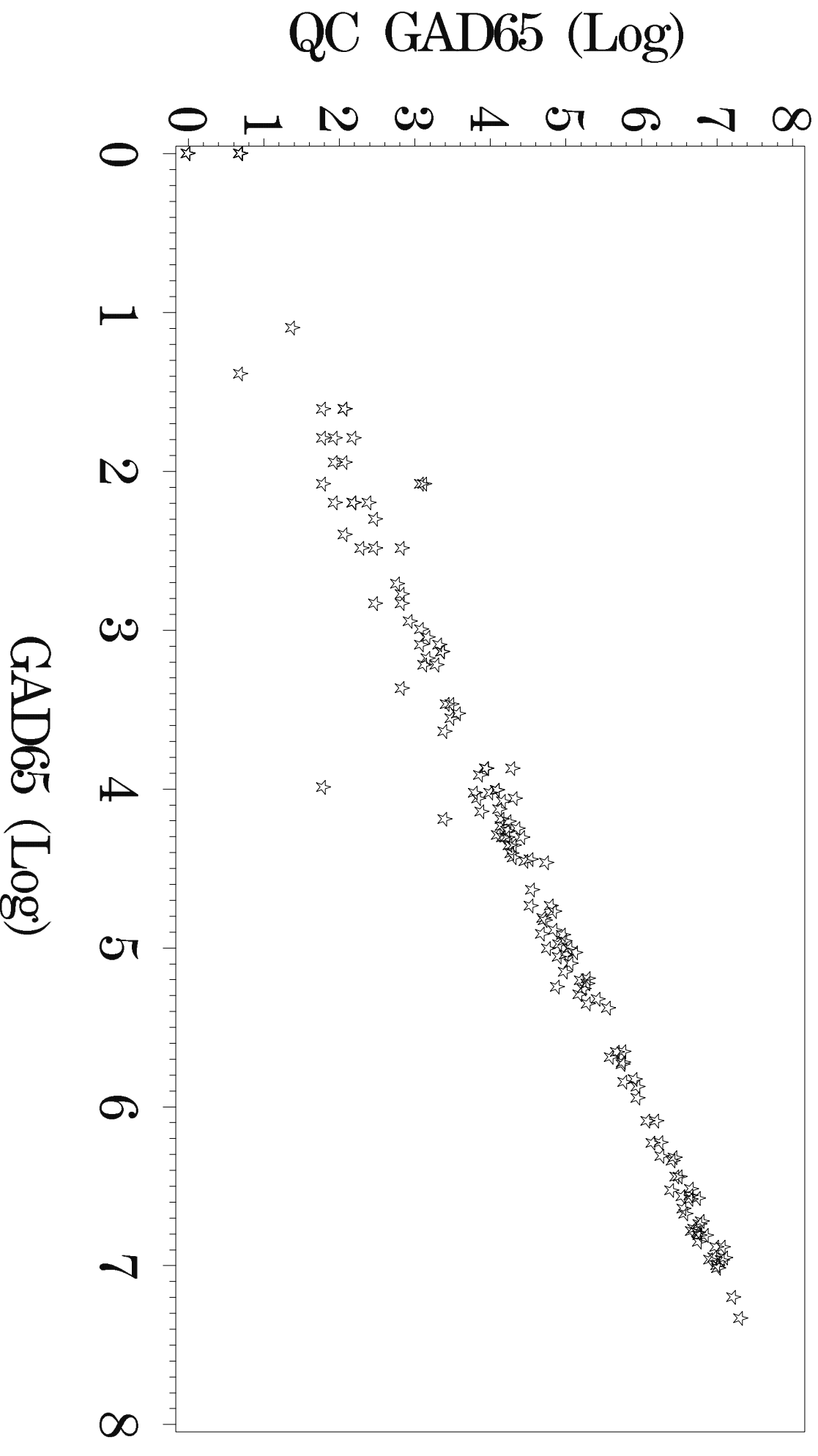
February 10, 2011



X-Y Plot of Quality Control Data By Network for glutamic acid decarboxylase65 (GAD65) on The Log-Log Scale

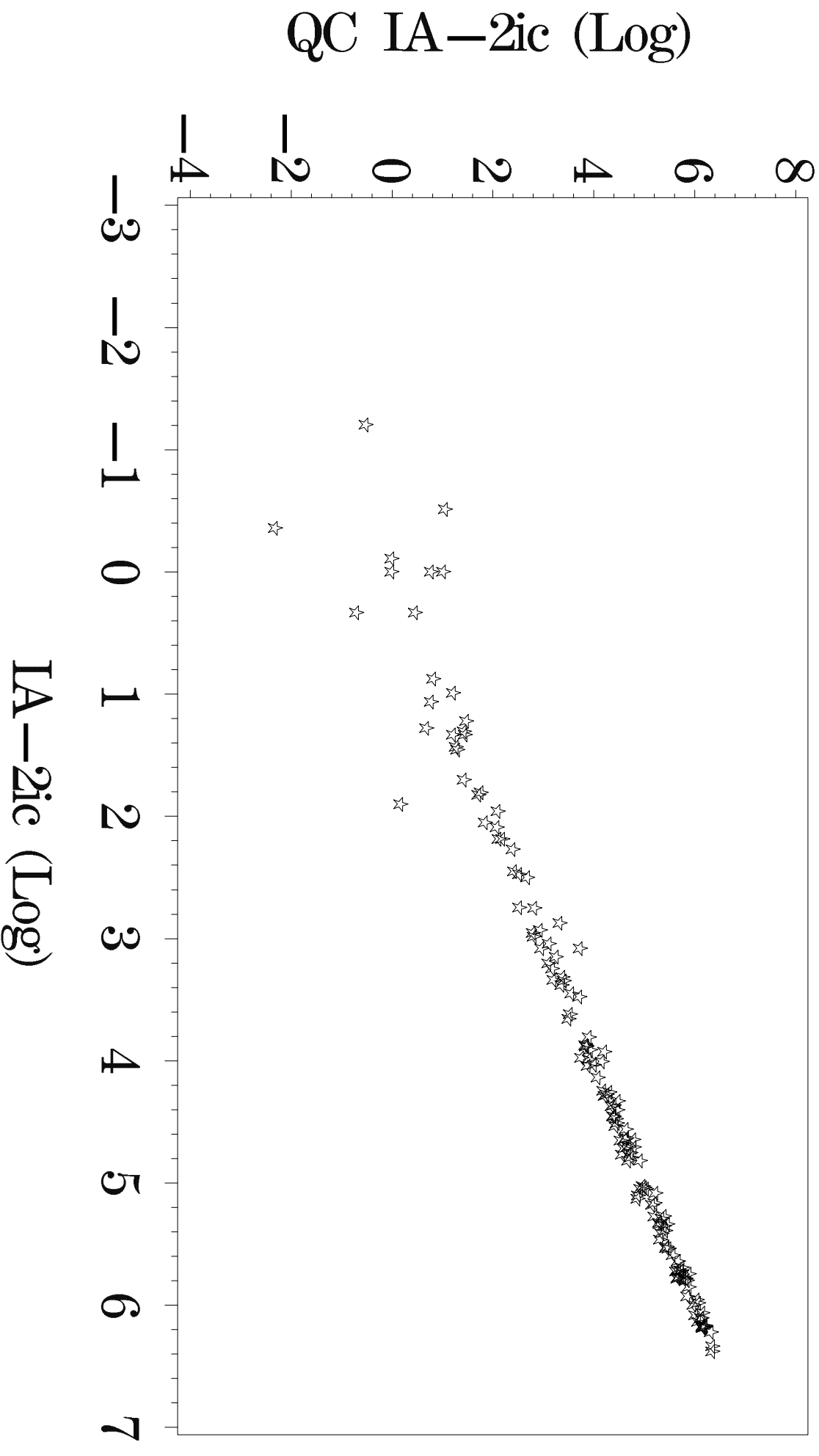
## Standard Values

### Network: North American

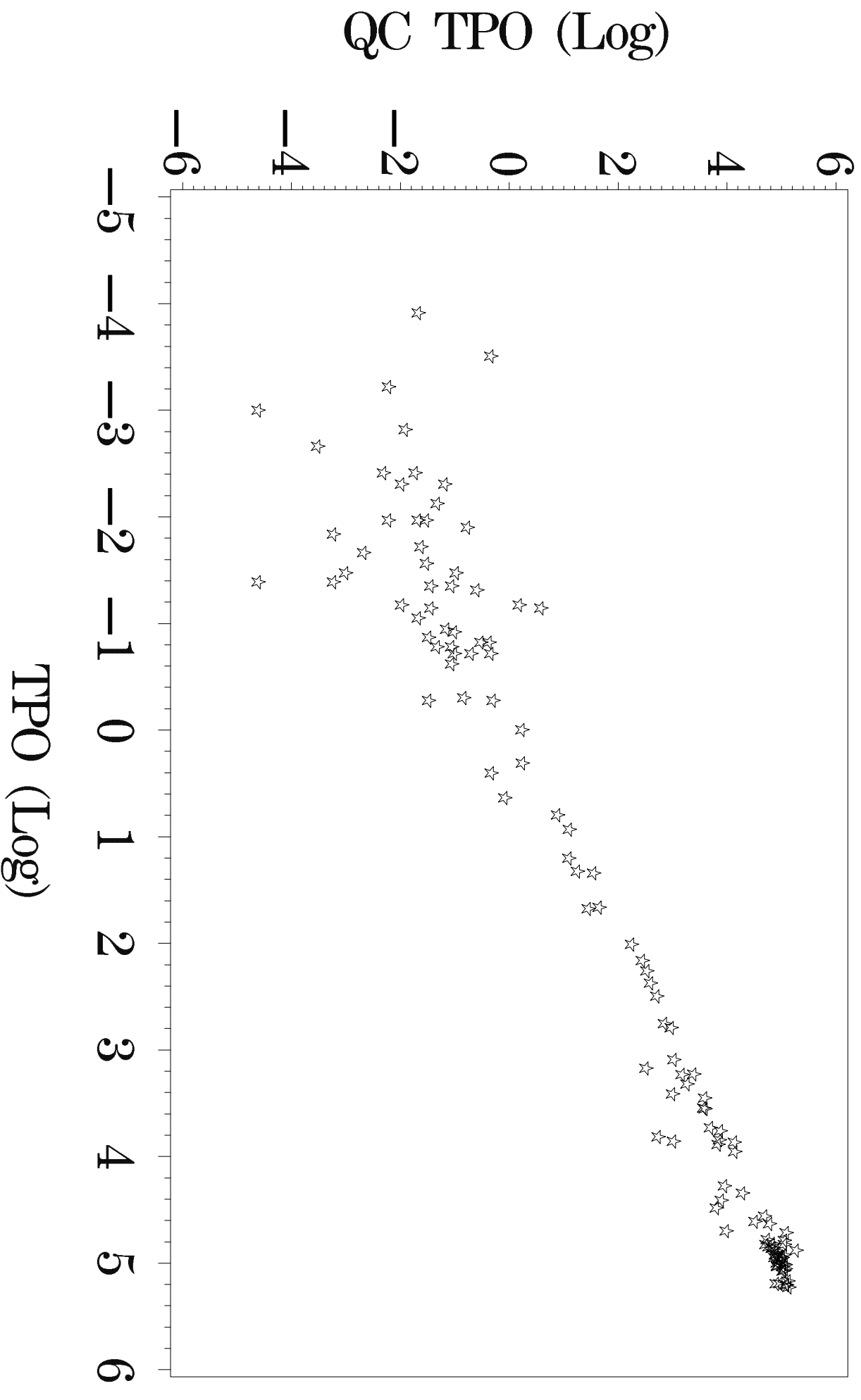


February 10, 2011

X-Y Plot of Quality Control Data By Network for islet cell antigen (IA-2ic) on The Log-Log Scale  
Standard Values  
Network: North American

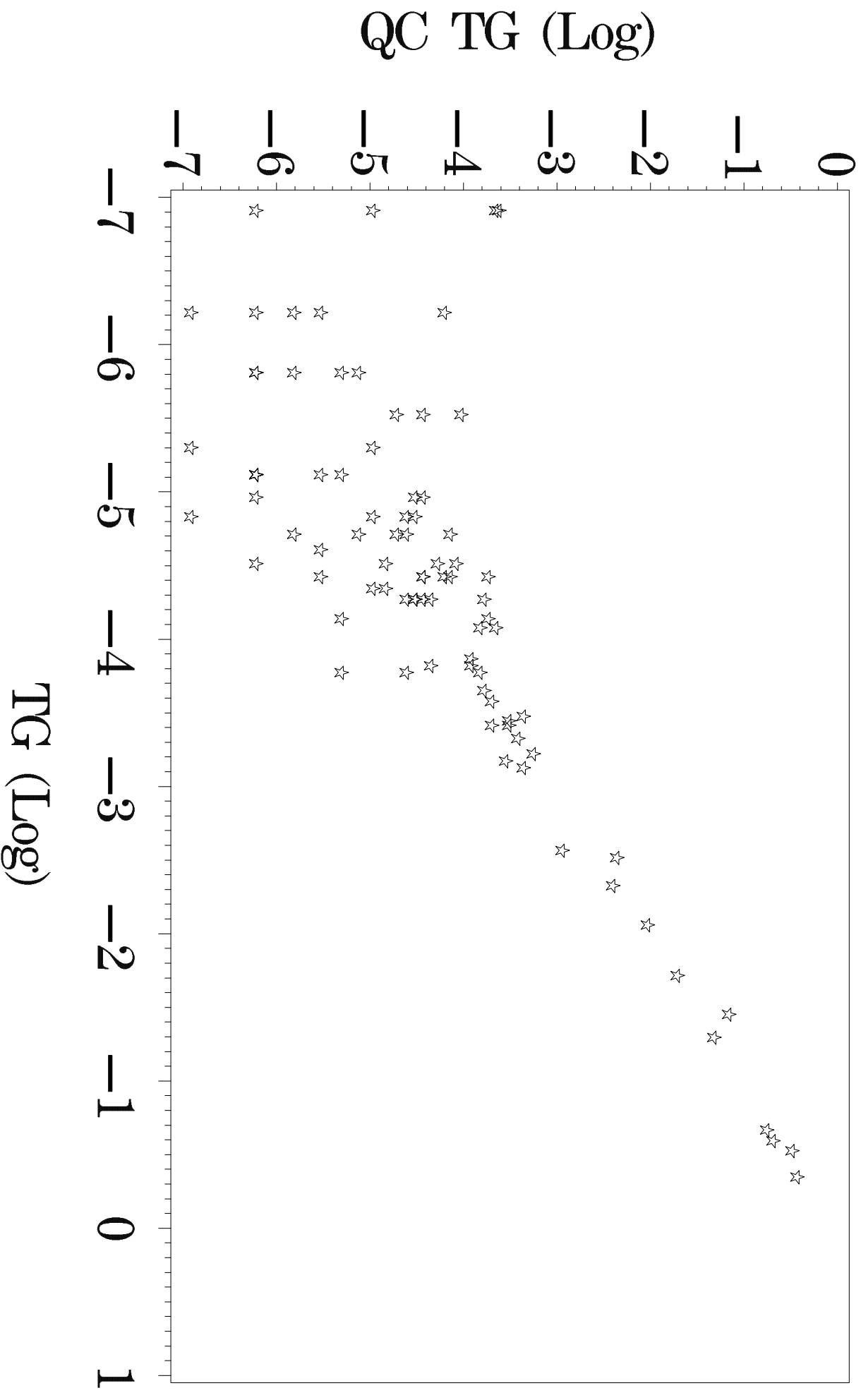


X-Y Plot of Quality Control Data By Network for thyroid peroxidase (TPO) on The Log-Log Scale  
**Network: North American**



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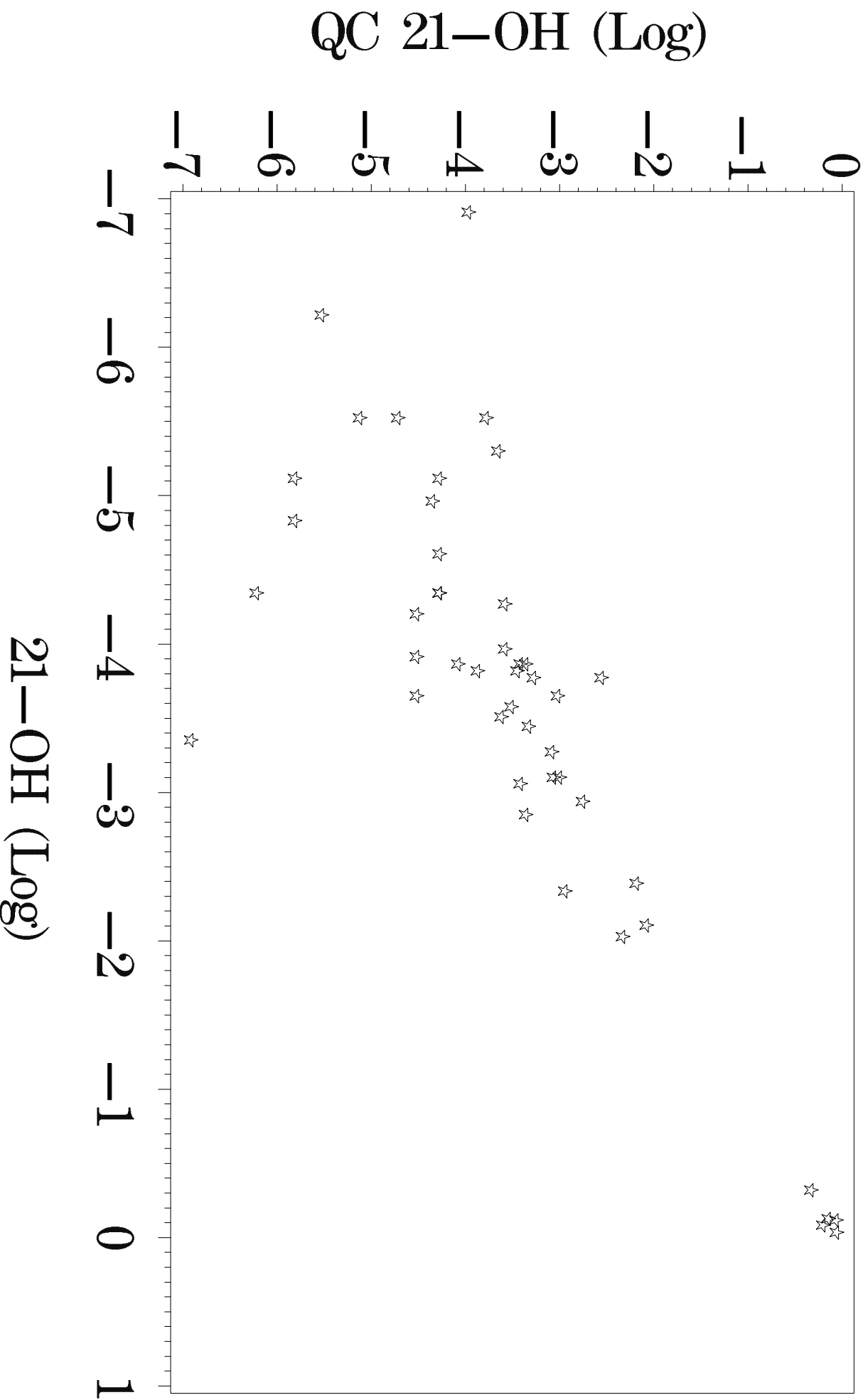
X-Y Plot of Quality Control Data By Network for transglutaminase (TG) on The Log-Log Scale  
**Network: North American**



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X-Y Plot of Quality Control Data By Network for 21-hydroxylase (21-OH) on The Log-Log Scale

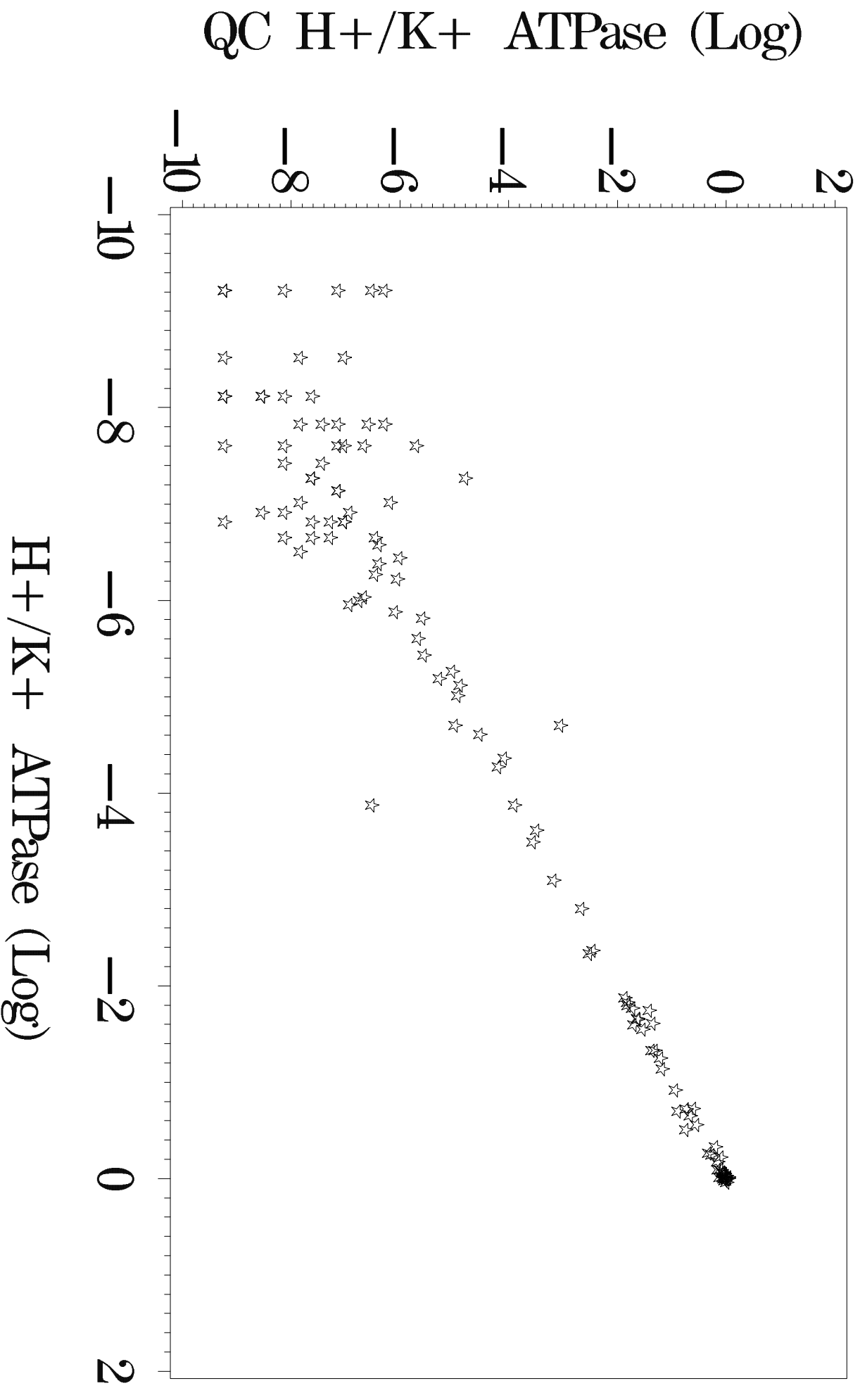
## Network: North American



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X-Y Plot of Quality Control Data By Network for hydrogen potassium ATPase (H+/K+ ATPase) on The Log-Log Scale

## Network: North American

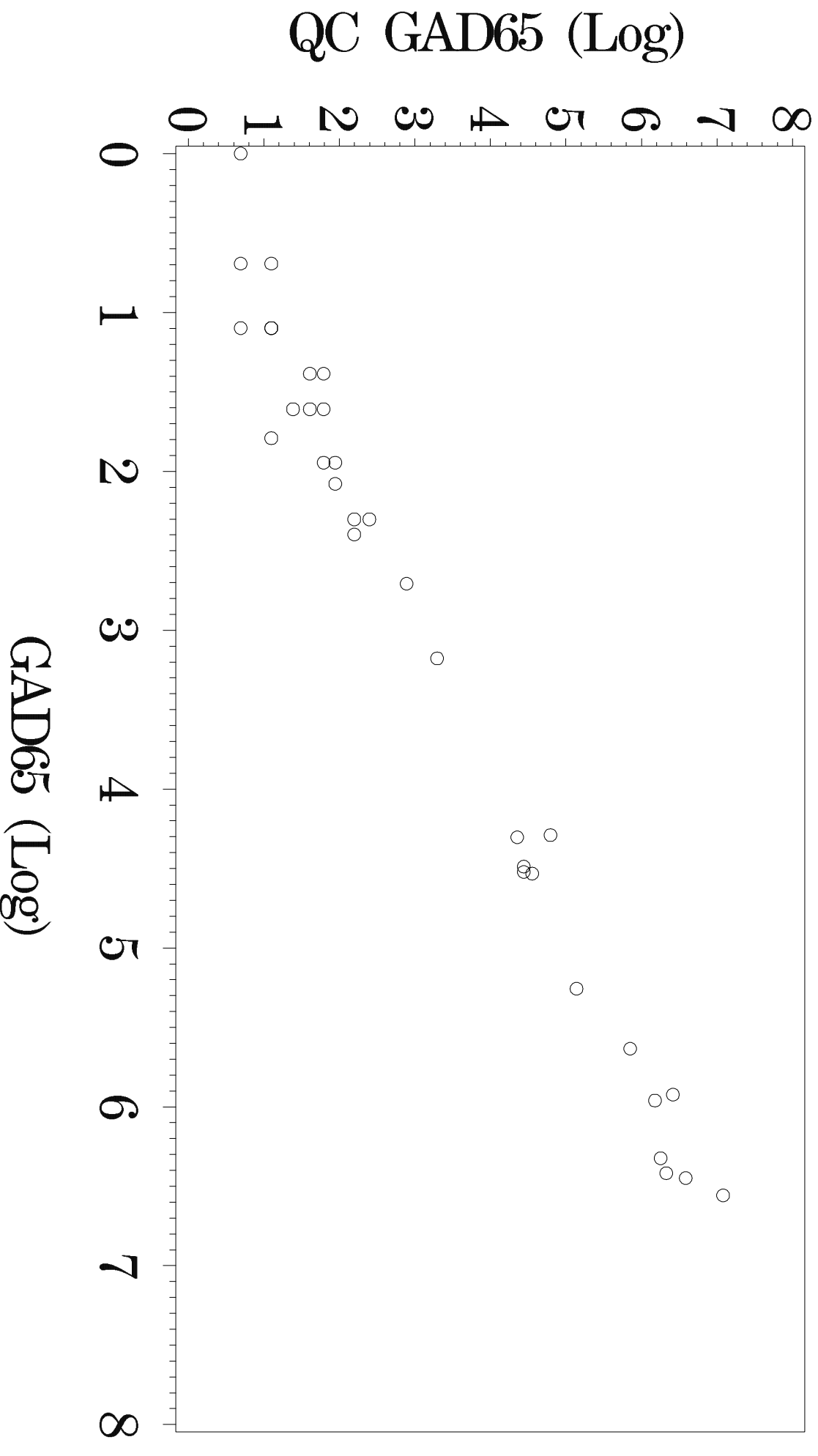


February 10, 2011

X-Y Plot of Quality Control Data By Network for glutamic acid decarboxylase65 (GAD65) on The Log-Log Scale

## Standard Values

Network: United Kingdom

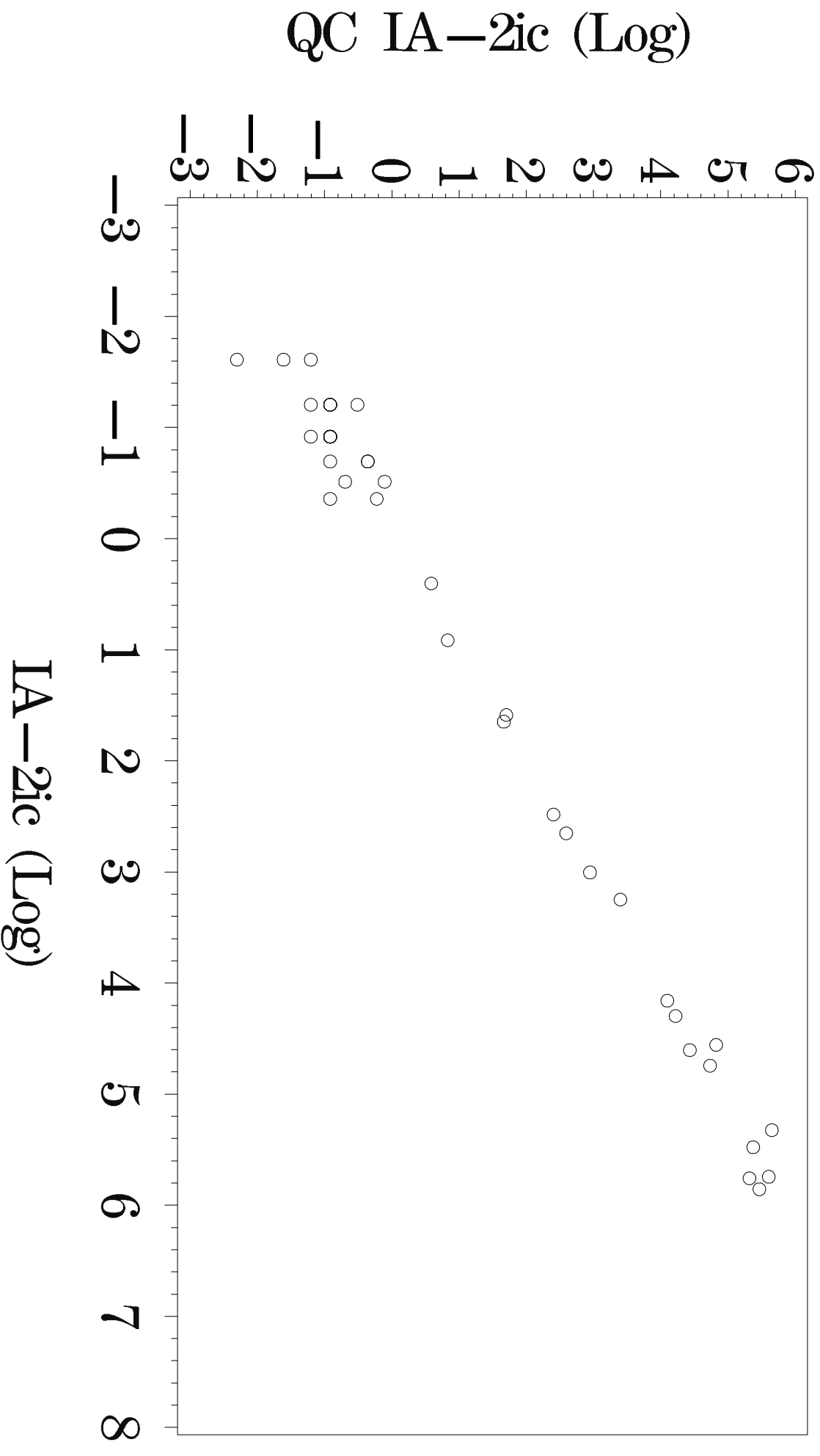


February 10, 2011

X-Y Plot of Quality Control Data By Network for islet cell antigen (IA-2ic) on The Log-Log Scale

## Standard Values

Network: United Kingdom

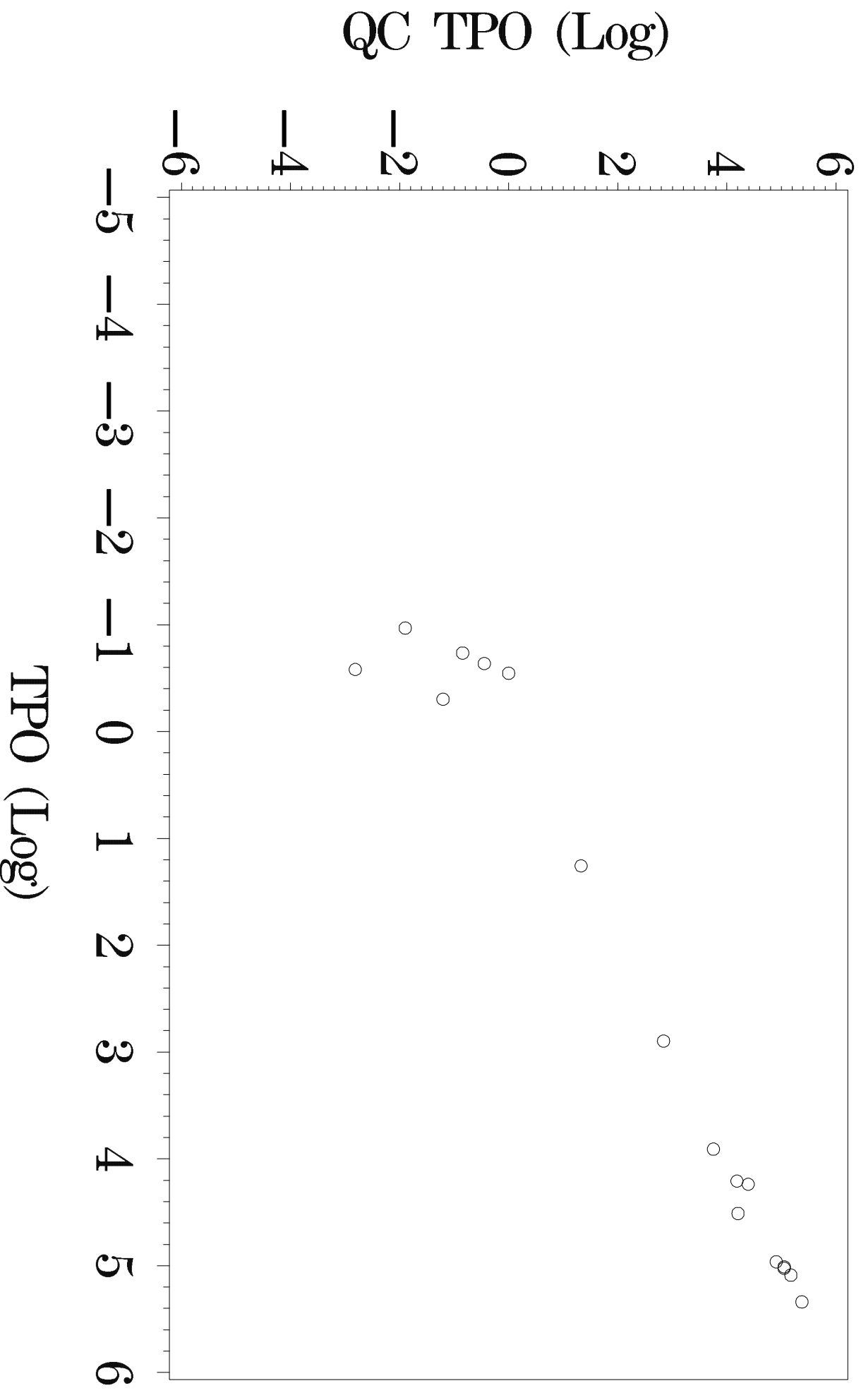


February 10, 2011



X-Y Plot of Quality Control Data By Network for thyroid peroxidase (TPO) on The Log-Log Scale

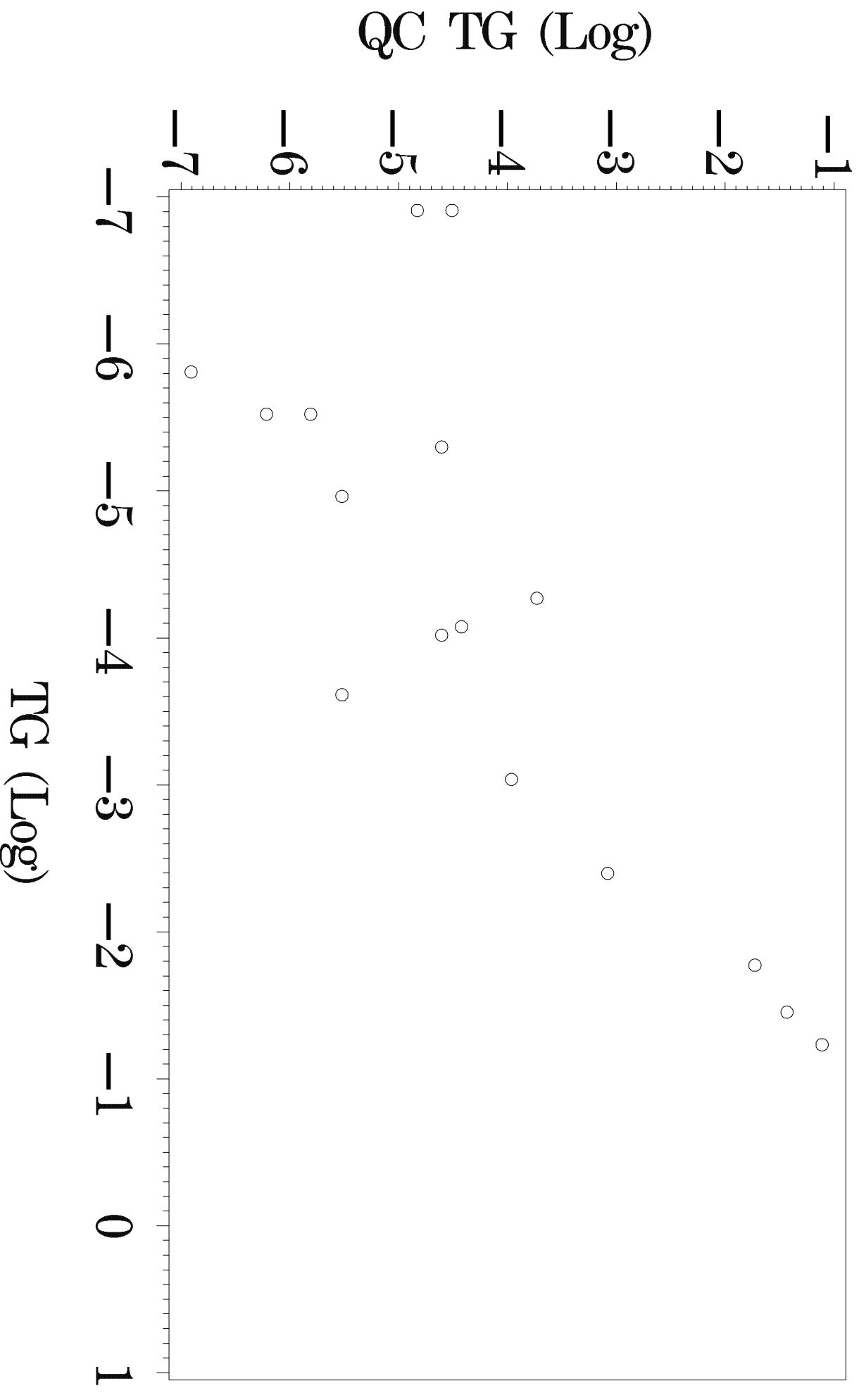
## Network: United Kingdom



February 10, 2011

X-Y Plot of Quality Control Data By Network for transglutaminase (TG) on The Log-Log Scale

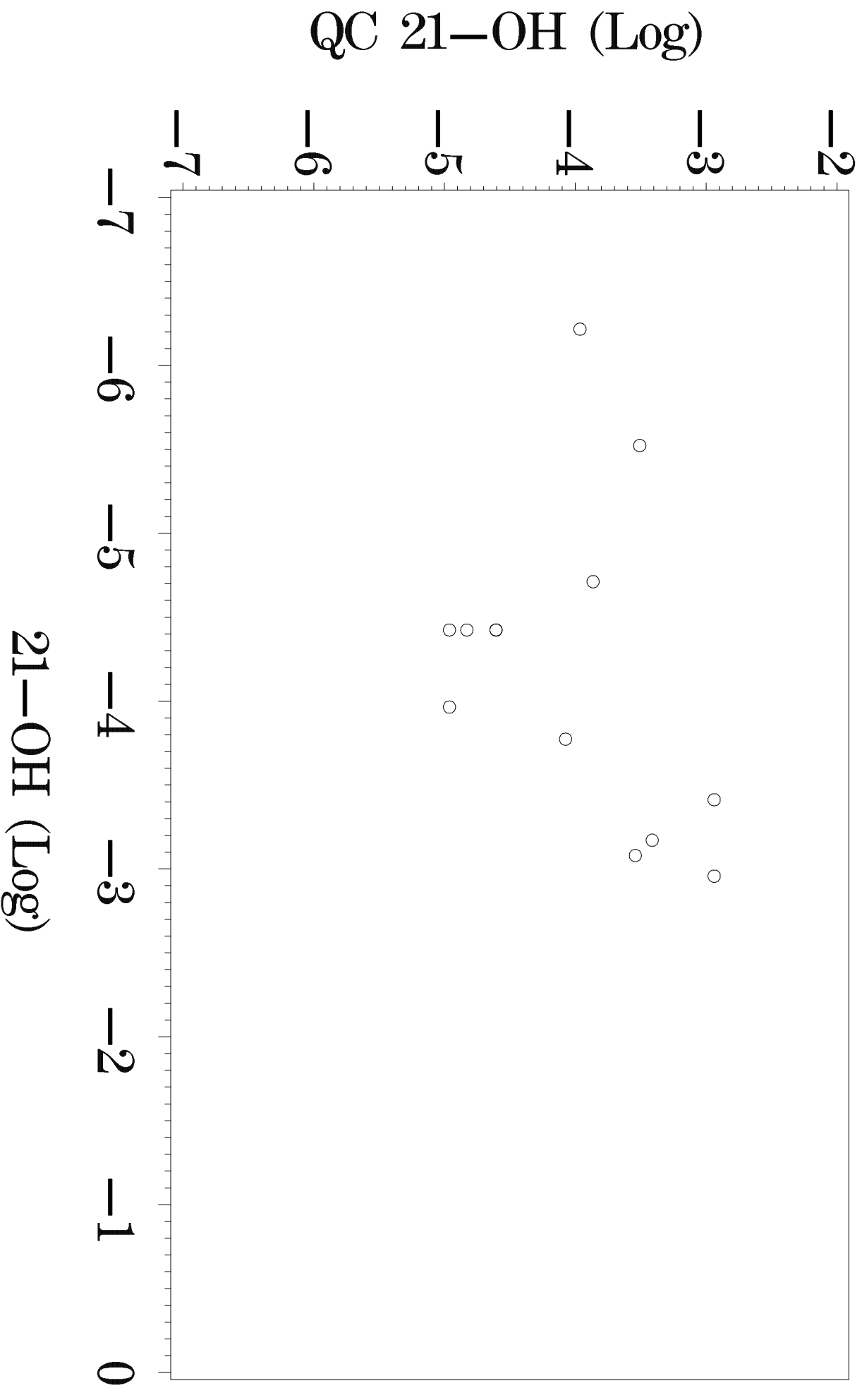
## Network: United Kingdom



February 10, 2011

X-Y Plot of Quality Control Data By Network for 21-hydroxylase (21-OH) on The Log-Log Scale

## Network: United Kingdom



February 10, 2011

## Network: United Kingdom

