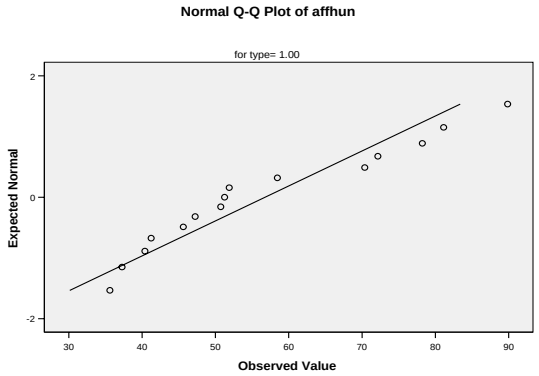
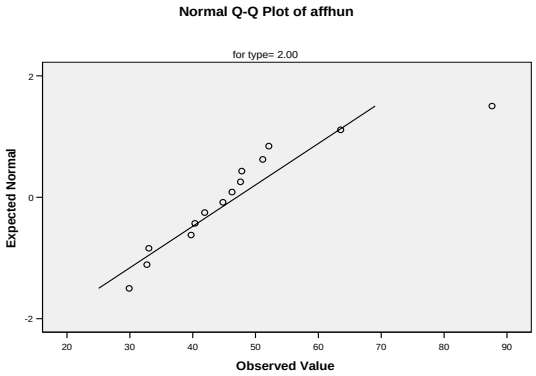
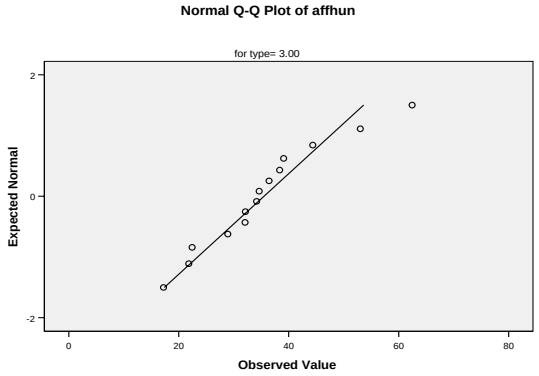
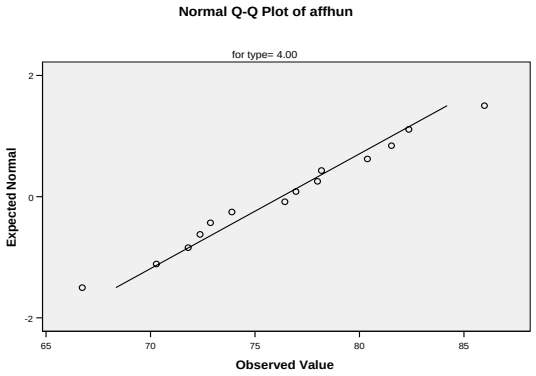
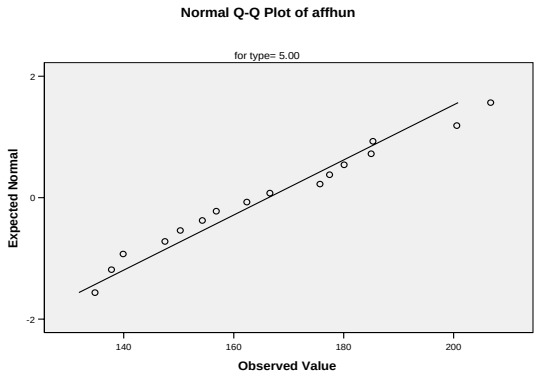
Data analysis for Afflicted Subjects by Continent



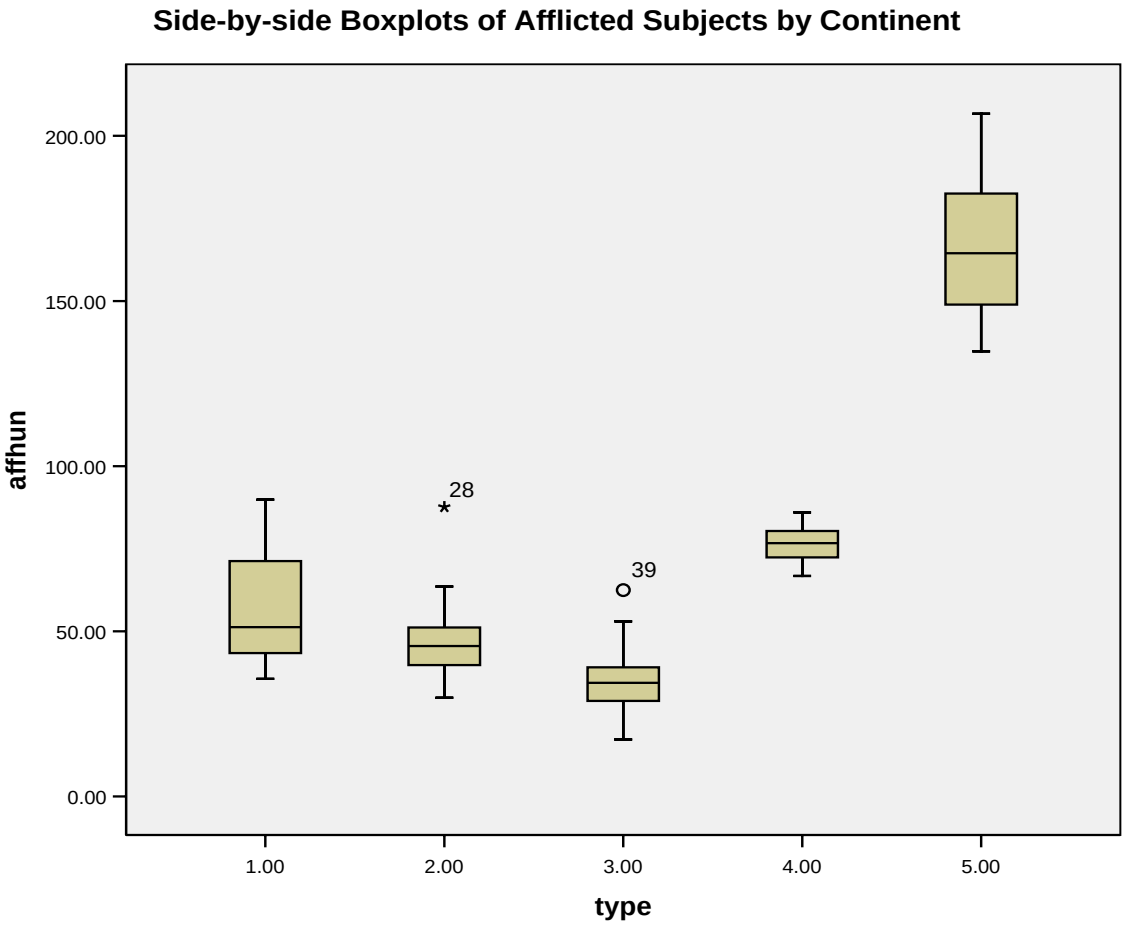








Groups	*Count*	*Average*	*Variance*
Africa	15	56.7573	301.2596
Asia	14	47.0386	214.5044
Europe	14	35.5043	145.7124
NorthAmer	14	76.2679	27.8728
SouthAmer	16	166.3163	485.9595



ANOVA of 1-mean vs. *I*-mean models

ANOVA

affhun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	170286.0	4	42571.492	174.893	.000
Within Groups	16552.1	68	243.415		
Total	186838.2	72			

ANOVA of 1-mean vs. 2-mean models

ANOVA

affhun

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	106467.3	1	106467.271	94.054	.000
Within Groups	80370.9	71	1131.984		
Total	186838.2	72			

Contrasts

Contrast Coefficients

Contrast	type				
	1.00	2.00	3.00	4.00	5.00
1	2	2	2	-3	-3
2	0	0	0	1	-1
3	1	1	1	-3	0
4	1	-.5	-.5	0	0

Contrast Tests

		Contrast	Value of Contrast	Std. Error	t	df	Sig. (2-tailed)
atthun	Assume equal variances	1	-449.1519	22.30260	-20.139	68	.000
		2	-90.0484	5.70966	-15.771	68	.000
		3	-89.5034	14.40424	-6.214	68	.000
		4	15.4859	4.99210	3.102	68	.003
	Does not assume equal variances	1	-449.1519	21.78361	-20.619	38.234	.000
		2	-90.0484	5.68888	-15.829	16.947	.000
		3	-89.5034	7.98323	-11.211	50.836	.000
		4	15.4859	5.14941	3.007	23.082	.006

Multiple Comparisons

Multiple Comparisons

Dependent Variable: affhun

Bonferroni

(I) type	(J) type	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	9.71876	5.79779	.983	-7.1036	26.5411
	3.00	21.25305*	5.79779	.005	4.4307	38.0754
	4.00	-19.51052*	5.79779	.013	-36.3329	-2.6881
	5.00	-109.55892*	5.60723	.000	-125.8284	-93.2895
2.00	1.00	-9.71876	5.79779	.983	-26.5411	7.1036
	3.00	11.53429	5.89691	.546	-5.5757	28.6442
	4.00	-29.22929*	5.89691	.000	-46.3392	-12.1193
	5.00	-119.27768*	5.70966	.000	-135.8443	-102.7110
3.00	1.00	-21.25305*	5.79779	.005	-38.0754	-4.4307
	2.00	-11.53429	5.89691	.546	-28.6442	5.5757
	4.00	-40.76357*	5.89691	.000	-57.8735	-23.6536
	5.00	-130.81196*	5.70966	.000	-147.3786	-114.2453
4.00	1.00	19.51052*	5.79779	.013	2.6881	36.3329
	2.00	29.22929*	5.89691	.000	12.1193	46.3392
	3.00	40.76357*	5.89691	.000	23.6536	57.8735
	5.00	-90.04839*	5.70966	.000	-106.6150	-73.4817
5.00	1.00	109.55892*	5.60723	.000	93.2895	125.8284
	2.00	119.27768*	5.70966	.000	102.7110	135.8443
	3.00	130.81196*	5.70966	.000	114.2453	147.3786
	4.00	90.04839*	5.70966	.000	73.4817	106.6150

*. The mean difference is significant at the .05 level.

Multiple Comparisons

Dependent Variable: affhun

Tukey HSD

(I) type	(J) type	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	9.71876	5.79779	.455	-6.5285	25.9660
	3.00	21.25305*	5.79779	.004	5.0058	37.5003
	4.00	-19.51052*	5.79779	.011	-35.7578	-3.2633
	5.00	-109.55892*	5.60723	.000	-125.2722	-93.8457
2.00	1.00	-9.71876	5.79779	.455	-25.9660	6.5285
	3.00	11.53429	5.89691	.299	-4.9907	28.0593
	4.00	-29.22929*	5.89691	.000	-45.7543	-12.7043
	5.00	-119.27768*	5.70966	.000	-135.2780	-103.2774
3.00	1.00	-21.25305*	5.79779	.004	-37.5003	-5.0058
	2.00	-11.53429	5.89691	.299	-28.0593	4.9907
	4.00	-40.76357*	5.89691	.000	-57.2886	-24.2386
	5.00	-130.81196*	5.70966	.000	-146.8122	-114.8117
4.00	1.00	19.51052*	5.79779	.011	3.2633	35.7578
	2.00	29.22929*	5.89691	.000	12.7043	45.7543
	3.00	40.76357*	5.89691	.000	24.2386	57.2886
	5.00	-90.04839*	5.70966	.000	-106.0487	-74.0481
5.00	1.00	109.55892*	5.60723	.000	93.8457	125.2722
	2.00	119.27768*	5.70966	.000	103.2774	135.2780
	3.00	130.81196*	5.70966	.000	114.8117	146.8122
	4.00	90.04839*	5.70966	.000	74.0481	106.0487

*. The mean difference is significant at the .05 level.

affhun

Tukey HSD[a,b]

type	N	Subset for alpha = .05			
		1	2	3	4
3.00	14	35.5043			
2.00	14	47.0386	47.0386		
1.00	15		56.7573		
4.00	14			76.2679	
5.00	16				166.3163
Sig.		.280	.453	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 14.558.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Multiple Comparisons

Dependent Variable: affhun

Scheffe

(I) type	(J) type	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00	2.00	9.71876	5.79779	.593	-8.6397	28.0773
	3.00	21.25305*	5.79779	.014	2.8946	39.6115
	4.00	-19.51052*	5.79779	.031	-37.8690	-1.1520
	5.00	-109.55892*	5.60723	.000	-127.3140	-91.8038
2.00	1.00	-9.71876	5.79779	.593	-28.0773	8.6397
	3.00	11.53429	5.89691	.437	-7.1380	30.2066
	4.00	-29.22929*	5.89691	.000	-47.9016	-10.5570
	5.00	-119.27768*	5.70966	.000	-137.3571	-101.1983
3.00	1.00	-21.25305*	5.79779	.014	-39.6115	-2.8946
	2.00	-11.53429	5.89691	.437	-30.2066	7.1380
	4.00	-40.76357*	5.89691	.000	-59.4359	-22.0912
	5.00	-130.81196*	5.70966	.000	-148.8914	-112.7326
4.00	1.00	19.51052*	5.79779	.031	1.1520	37.8690
	2.00	29.22929*	5.89691	.000	10.5570	47.9016
	3.00	40.76357*	5.89691	.000	22.0912	59.4359
	5.00	-90.04839*	5.70966	.000	-108.1278	-71.9690
5.00	1.00	109.55892*	5.60723	.000	91.8038	127.3140
	2.00	119.27768*	5.70966	.000	101.1983	137.3571
	3.00	130.81196*	5.70966	.000	112.7326	148.8914
	4.00	90.04839*	5.70966	.000	71.9690	108.1278

*. The mean difference is significant at the .05 level.

affhun

Scheffe[a,b]

type	N	Subset for alpha = .05			
		1	2	3	4
3.00	14	35.5043			
2.00	14	47.0386	47.0386		
1.00	15		56.7573		
4.00	14			76.2679	
5.00	16				166.3163
Sig.		.417	.591	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 14.558.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.