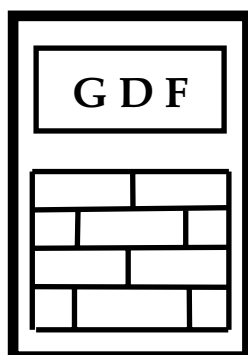


GDF DATA BANKS BULLETIN



VOL. 15 , No. 5

Sydney, October 2011

AUSTRALIA

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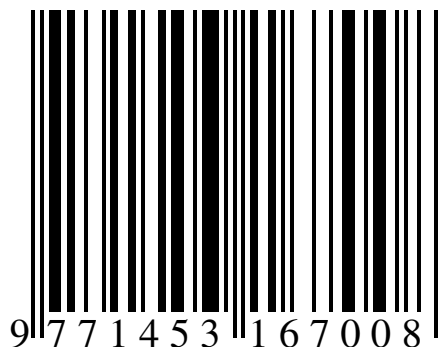
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ISSN 1453 - 1674



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HuPoTest: four month study of a case

“Knowledge itself is power”, Francis Bacon

Summary

HuPoTest results obtained by the same Person Under Test (PUT = myself) according to the procedure established by a long and intense experience are discussed in more detail. 68 experiments at intervals of 12-72 hours were performed during 115 days. The significance of parameters established in more than 40 years of experiments on >500 persons with well defined mental behavior is updated and discussed again.

Short history and overview

HuPoTest was initiated incidentally in 1967 when I discovered how precise I could predict the hour of the day and to count seconds necessary in developing color films in the complete dark. I had curiosity to test my friends, relatives and colleagues by using analog stop watches with 0.1 s resolution and I was surprised to find out their ability to count seconds. In 1969 I used for the first time a professional digital chronometer with the resolution of 1 ms and begun establishing parameters in relation with mental behavior of each person under test. In 1971 I begun calorimetric study of crystalline polymers [1, 2] and initiated the creation of data banks on topoenergetic principles [3]. In 1980 the data base with persons tested with HuPoTest exceeded 200, most of them under long time observation. In 1994 I used for first time a personal computer with mathematic software and enough memory to store all data. In 1997 I initiated publication of the present Bulletin with the view to systematically present my results in accurate and intelligible terms available for me, for others and for long time, so as much I was working in that period in national metrology where the working principles were obscure [4]. HuPotest was used as a good example for calibration and uncertainty evaluation and some Bulletins have attached floppy disks with the Calibration Certificate edited in Excel/Windows® [4-5]. In fact HuPoTest is a calibration of the “mind clock” of the PUT by using a more accurate reference chronometer as time standard [5, 6].

In 2007 the complete procedure for HuPoTest and the parameter assignments were published [7] and in 2008 the software was launched on internet for self evaluation. Unfortunately, this software can estimate only several parameters because the other ones need sophisticated calculations.

This action was as the consequence of intense study statistical data and particular cases of cancer and diabetes showing the social and mental cause of these diseases [8].

To resume shortly HuPoTest procedure, it has to mention that this consists in three main stages:

- (i) PUT preparation: the person has to be isolated from any external stimulus distracting one or more of the five senses; he has a comfortable seat, relaxed and can see an accurate clock displaying seconds (not under second) for maximum 1 minute;
- (ii) the measurements or the test itself : PUT must count series of $x_j = 5, 10, 15, 20$ seconds with 5-10 measurements for each x_j value, but without seeing or hearing any clock. The measurements are performed by pressing the START/STOP button(s) of the standard chronometer having an accuracy at least of 0.01 s or clicking the mouse of computer having installed HuPoTest software (500 kB). PUT should not see the resulted values, but to the end of all measurements. This stage is not time limited and it is allowed to cancel by his request only one value from each of the four series. If it proceeds without computer, someone else has to note the measured values as a matrix (y_{ij}) where $i = 5-10, j = 4$.
- (iii) calculation of parameters by processing the obtained values (y_{ij}) and the issue of the final report including the graphic $y_j = \text{average}(y_{ij})$ versus x_j with the error bars of $\text{stdev}(y_{ij})$.

Experimental details

In the present study $i = 8$ for each x_j were measured by using the procedure with computer. In general the tests are performed in early morning (4-6 am). No coffee, alcohol, medicines and other substances with psychic effects were taken at least one year before and during this study. No vegetarian food was practiced.

IMPORTANT:

1. The Excel/Windows® syntax is used for functions and mathematic relationships.
2. All associated errors mentioned are standard deviations = one sigma, i.e. 68.3% confidence level in normal distribution.
3. All Probability Distribution Functions (PDF) are estimated with confidence level of 95%.

Results and discussion

One of the most important parameter resulted in HuPoTest is the so called Spiritual Coupling (SC) and measures the coupling strength of PUT mind with the Primary Source (PS) of information [9]. Every PUT has his own “second” which may differ from standard second and this means that slope from the linear relation:

$$y_j = \text{slope} * x_j + \text{intercept} \quad (1)$$

may differ from 1, but the “quality” of PUT measurements consists in the fact that he keeps as constant his own second during all measurements. The ideal behavior is firstly expressed by:

$$\text{intercept} = 0, \text{ correl} = 1 \quad (2).$$

This result can be obtained if the individual y_j values are scattered and uniformly distributed around the most probable straight line (1). SC takes into consideration the distance of y_j from this line, d_j , so that :

$$d_j = y_j - (\text{slope} * x_j + \text{intercept}) \quad , \text{ in } s \quad (3)$$

$$SC = 1 / ((\text{sumsq}((d_j) * \text{stdev}(y_j)))^{0.5}) \quad , \text{ in } 1/s^2 \quad (4).$$

SC tends to infinity or $1/SC$ tends to zero when PUT mind is totally coupled to PS, but this would happen in samadhi state = supreme bliss = super conscious state = God realization [9].

SC appears to be proportional with the other parameters measuring the quality of PUT measurements.

Important to note the probability distribution of these parameters. The basic values y_j for each x_j are considered normally distributed, however a more detailed study will be done in the future by considering their “tune pattern” and figure of merit generally defined in the previous general Certificate of Calibration [4, 5, 10].

In view to better reveal the probability distribution of calculated parameters and their statistical significances according to the general assignments (see the annexed chapter with revised definitions) their graphic representation is used.

Figure 1 shows the relationship between intercept and slope which seems to be linear (the same as has been observed for most of PUT). The first test in evaluation of normal distribution is to calculate the skew (skewness/asymmetry relative to the mean value) and kurt (kurtosis = peakedness/flatness relative to the pure normal distribution) for each group of values. According to their definition (see Excel/Windows®) it results that:

$$\begin{aligned} \text{skew} > 0 & \text{ asymmetry to positive side or } > \text{ mean}; & (5) \\ < 0 & \text{ asymmetry to negative side or } < \text{ mean}; \end{aligned}$$

$$\begin{aligned} \text{kurt} > 0 & \text{ peaked shape}; & (6). \\ < 0 & \text{ flat shape.} \end{aligned}$$

The most important values for normal and lognormal distributions of several important parameters are given in Table 1 and Table 2, respectively. In view to verify the above mentioned significances, the histograms and their representation according to most suggestive Probability Distribution Functions (PDF) are shown in Figures 2-7.

It results that:

$$\begin{aligned} \langle \text{slope} \rangle &= 1, \langle \text{intercept} \rangle = 0; \\ \text{the best normal fit: } \langle M \rangle &= 50, \langle a \rangle = 0; \\ \text{SC has the most pronounced asymmetric shape.} \end{aligned} \tag{7}$$

In the following the average and sigma values are considered as resulted from the most appropriate PDF.

Figures 8 – 13 show that SC tends to maximum values around the average values of other parameters. This appears as SC is a measure of probability density for all other parameters.

Particular importance has Figures 11 and 14 revealing PUT relationship with society. The highest density of the points is on [9]:

$$\text{unattached state: } M = 50, a = 0 \tag{8}.$$

Figures 15 and 16 show the linear relationships between mind harmonics K21 and K23.

Concluding remarks

1. Mind behavior results to be variable in time, so it needs a long term study for its statistic definition;
2. HuPoTest procedure is simple and efficient for mind behavior definition, but needs to be correctly applied in standard conditions;
3. HuPoTest is immune to fraud, i.e. PUT can not appear smarter than he really is;
4. Parameters given by HuPoTest free software available on internet or by request (y_j , $\text{stdev}(y_j)$, slope, intercept, correl, SC) are enough for self evaluation and self control by adjustment of life style and mentality/attitude in view to optimize these values;
5. Taking into account recent conclusion about social/mind origin of cancer and diabetes, HuPoTest should be imposed as compulsory test in human collectivities, especially where clusters of such diseases have appeared.

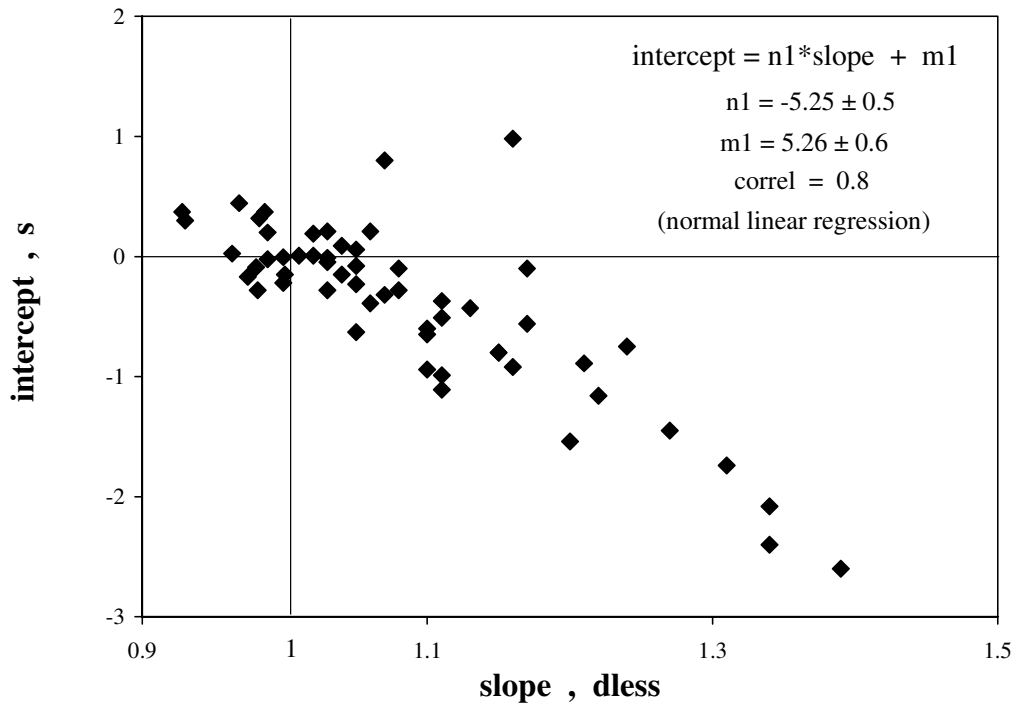


Figure 1.

Table 1. Normal distribution values for several parameters.

	slope	intercept	SC	K21	K23	TR	TF	M	a	PS
units	dless	s	1/s ²	Hz	Hz	dless	Hz	dless		
average	1.08	-0.38	11.1	27.7	73.2	3.0	44.4	50.6	-7	21.3
stdev	0.1	0.7	12	17	44	1.5	42	4.7	169	15
skew	1.1	-1.2	2.5	2.1	1.1	1.1	0.65	-0.1	0.7	1.2
kurt	1.1	2.2	7.5	6.2	0.9	2.2	2.3	0.2	3.4	0.98

Table 2. Lognormal distribution values for several parameters.

	slope	SC	K21	K23	TR
units	dless	1/s ²	Hz	Hz	dless
mean	1.08	11.2	27.7	73.6	3.0
average	1.07	7.45	23.8	61.6	2.67
sigma	0.09	0.9	0.55	0.6	0.5

TR = K23/K21 , TF = K23 - K21

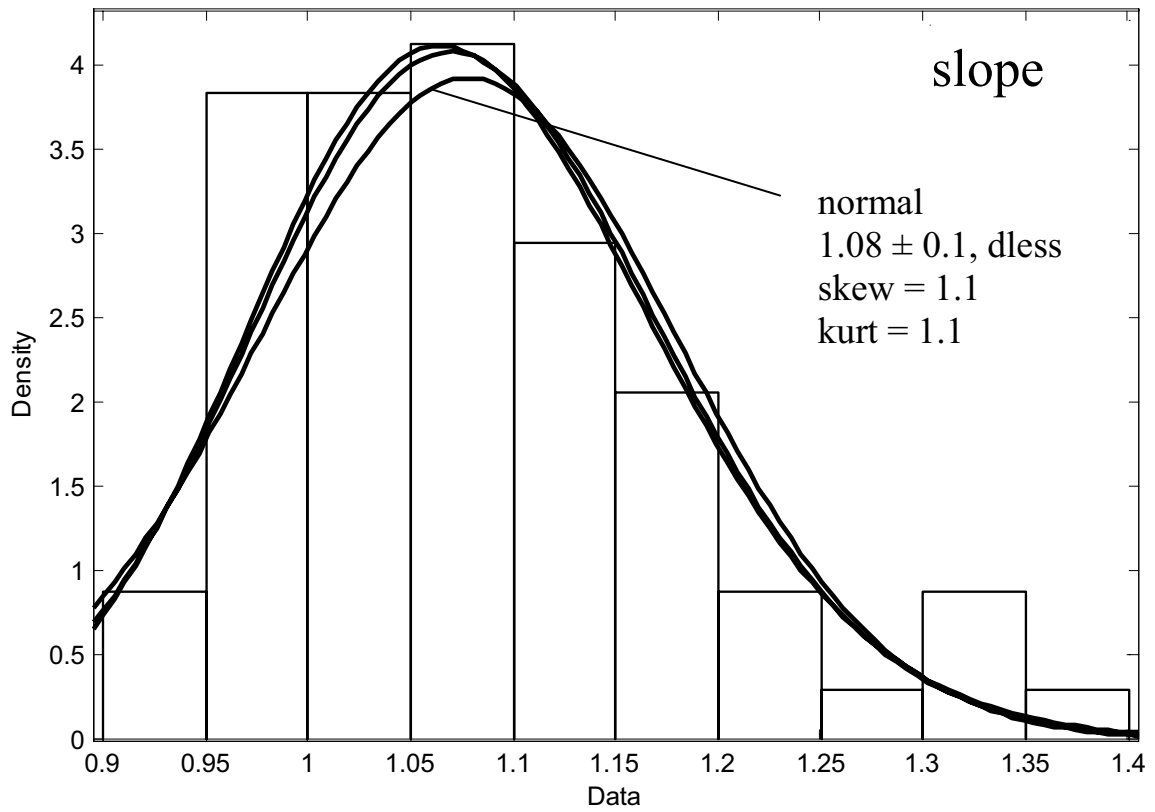


Figure 2. Slope histogram and normal, lognormal and gamma PDF .

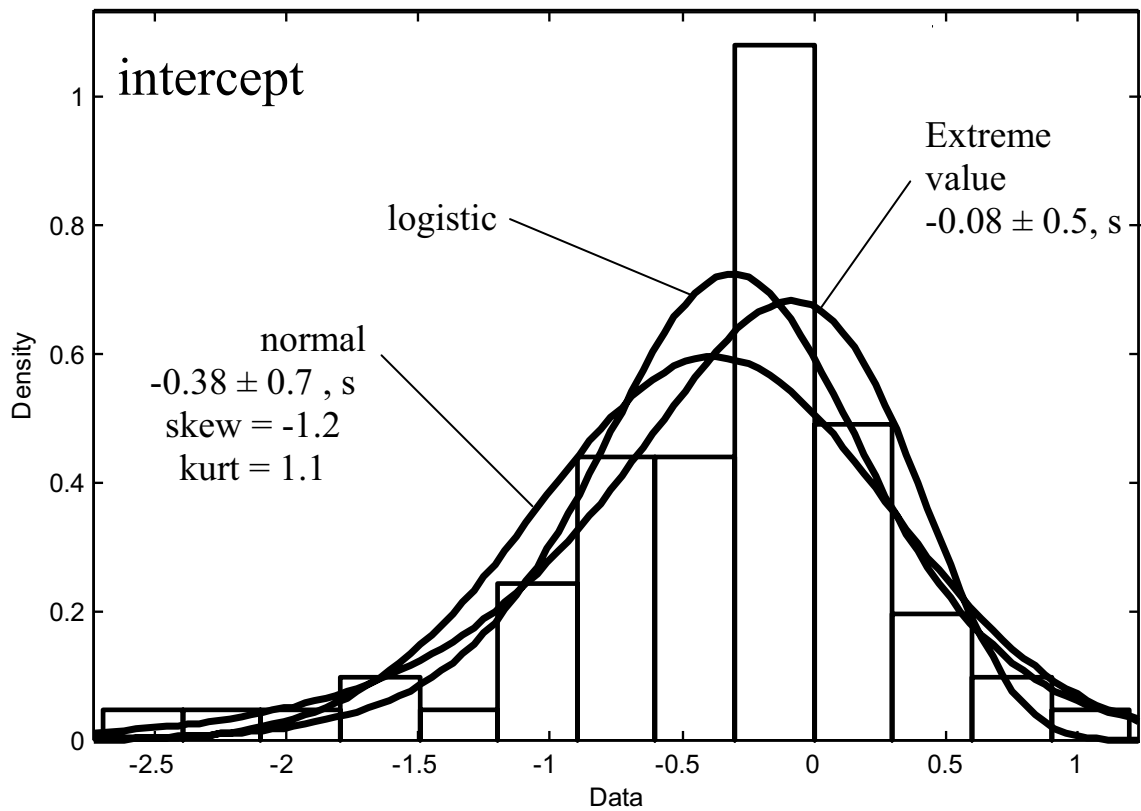


Figure 3. Intercept histogram and three different PDF representations.

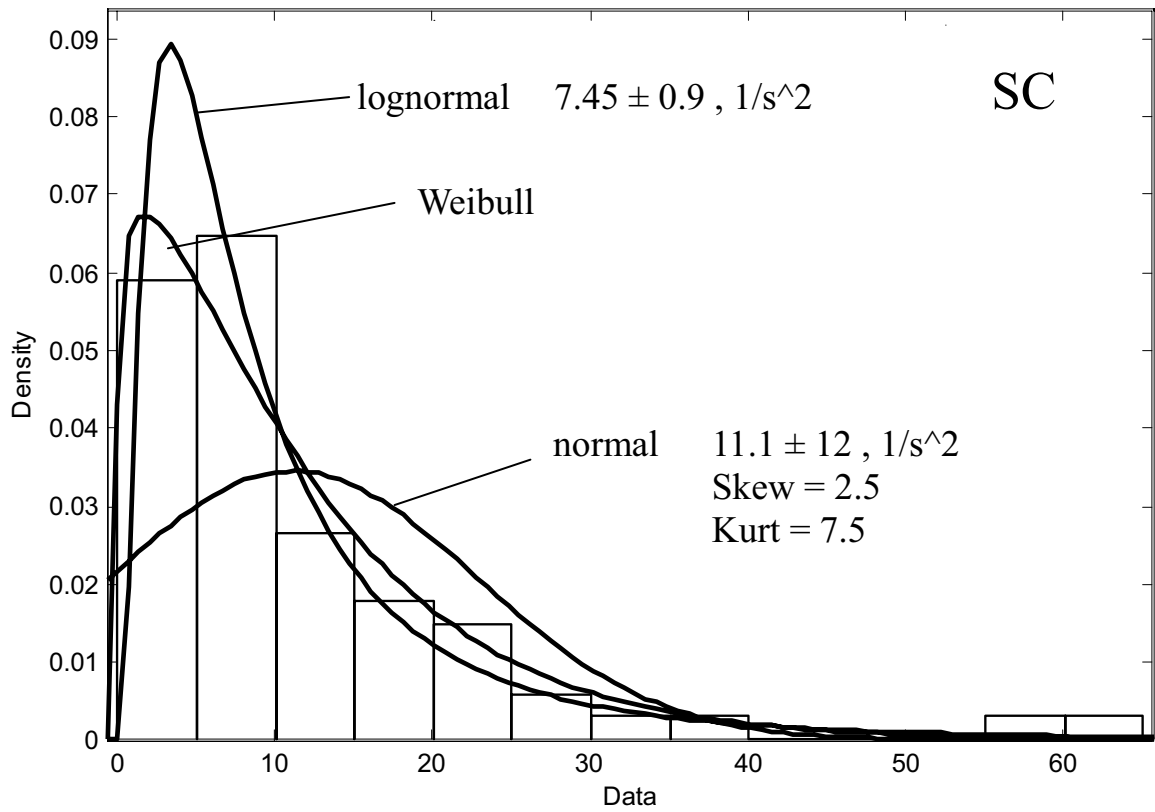


Figure 4.

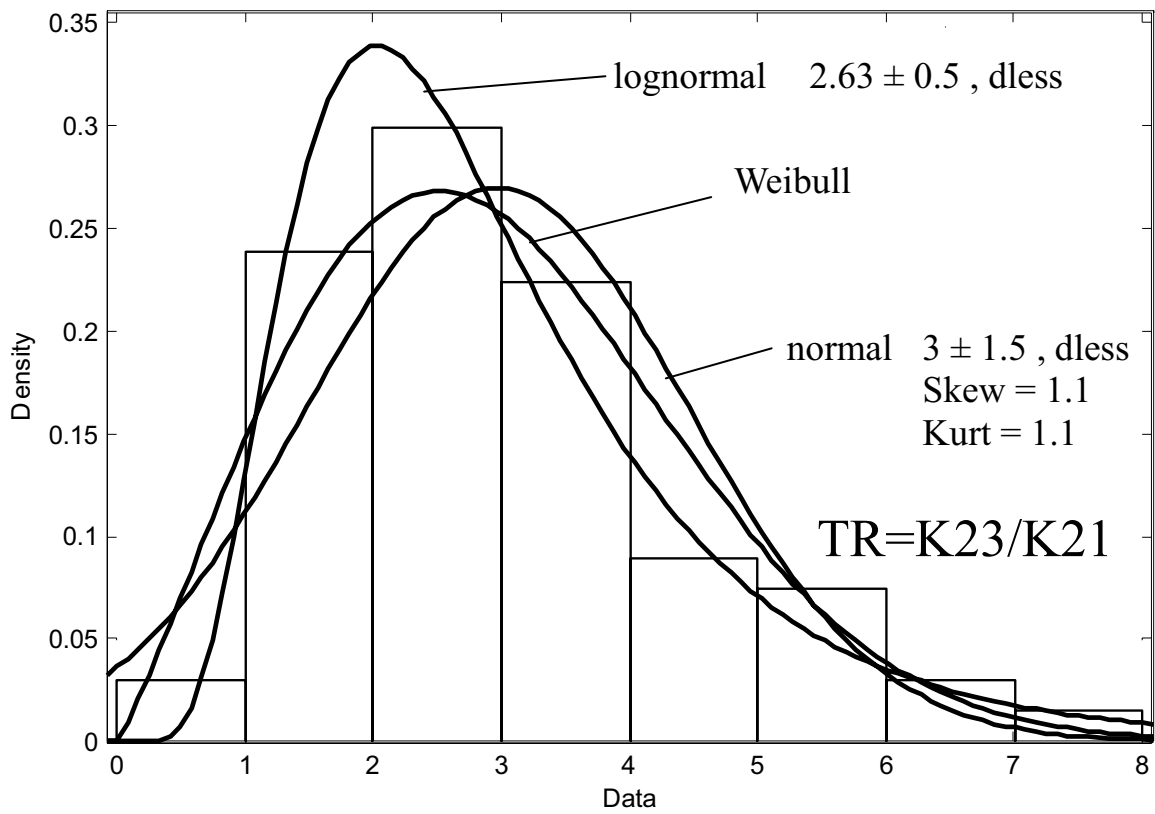


Figure 5.

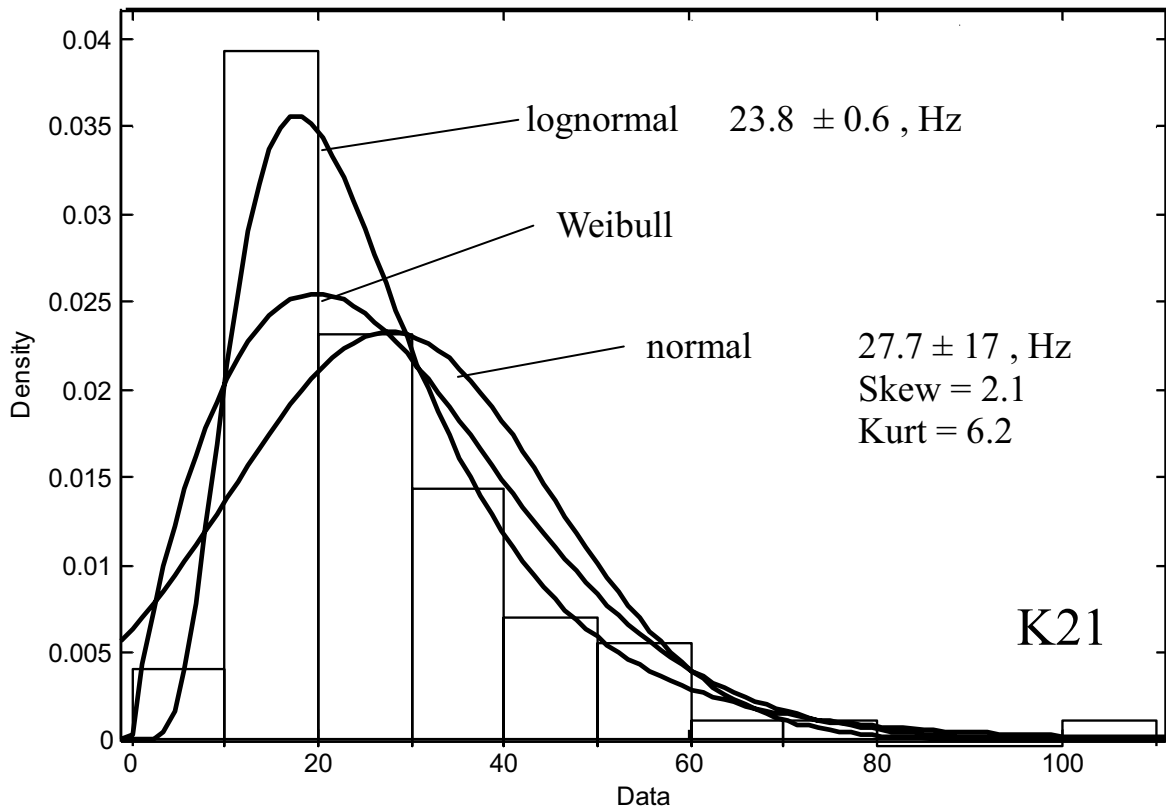


Figure 6.

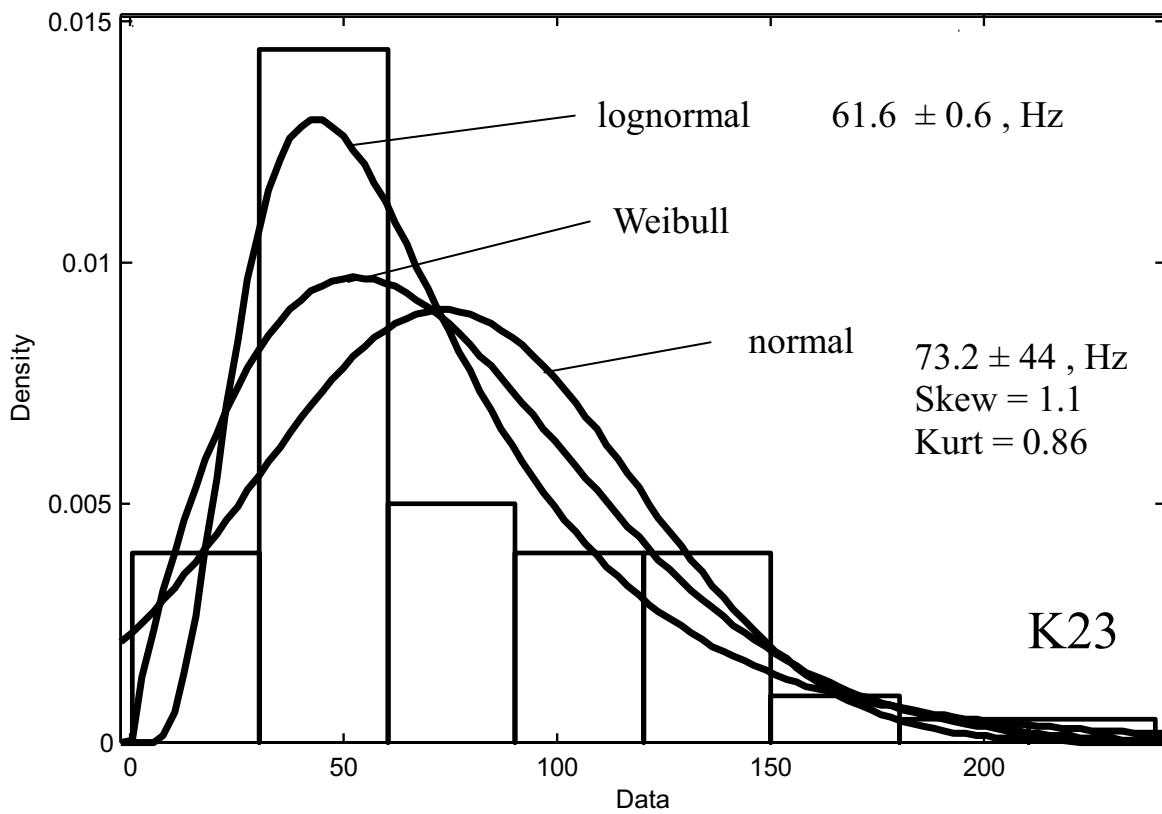


Figure 7.

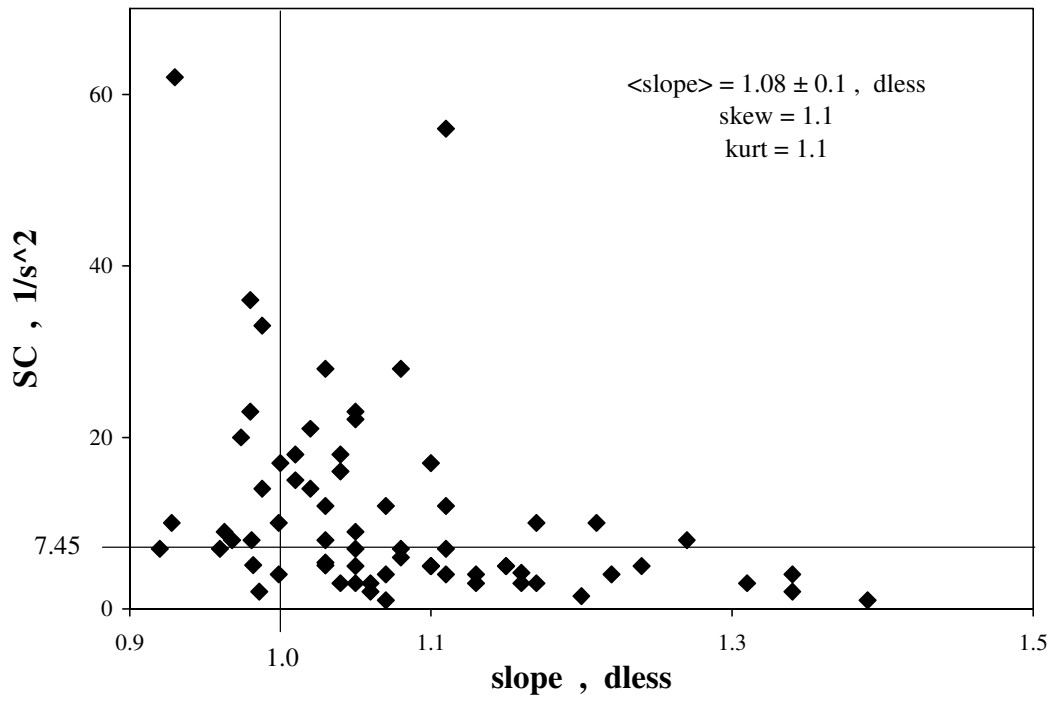


Figure 8.

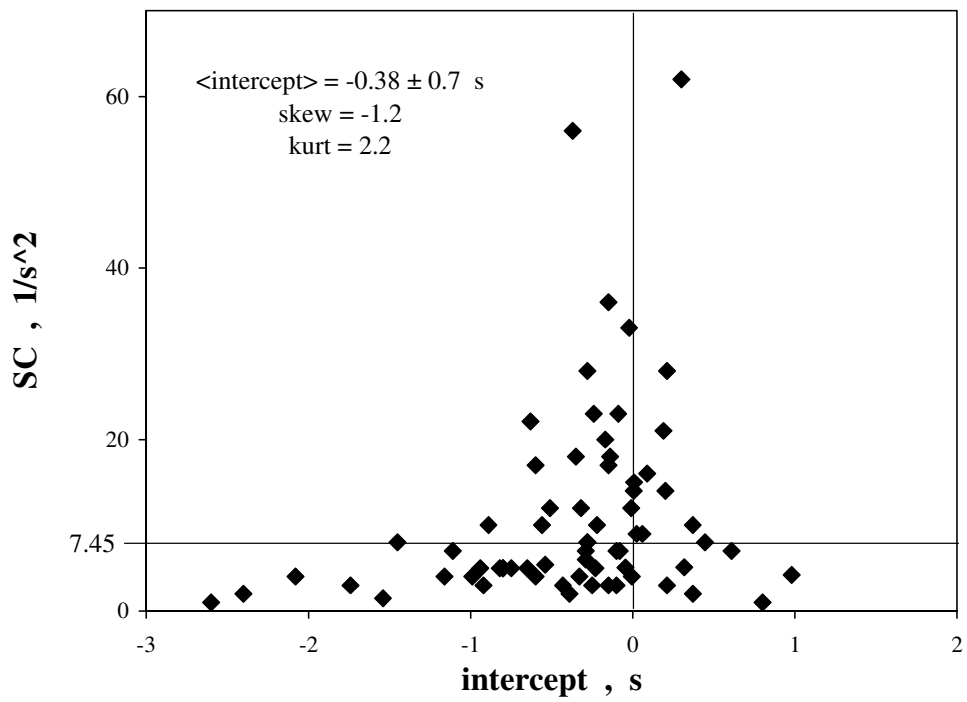


Figure 9.

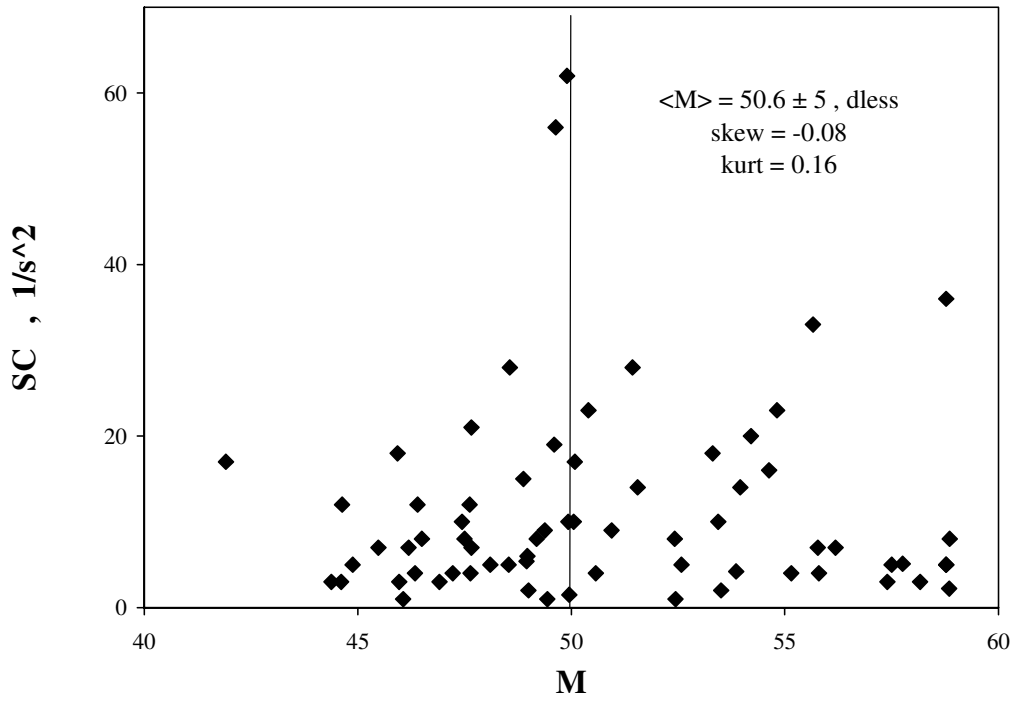


Figure 10.

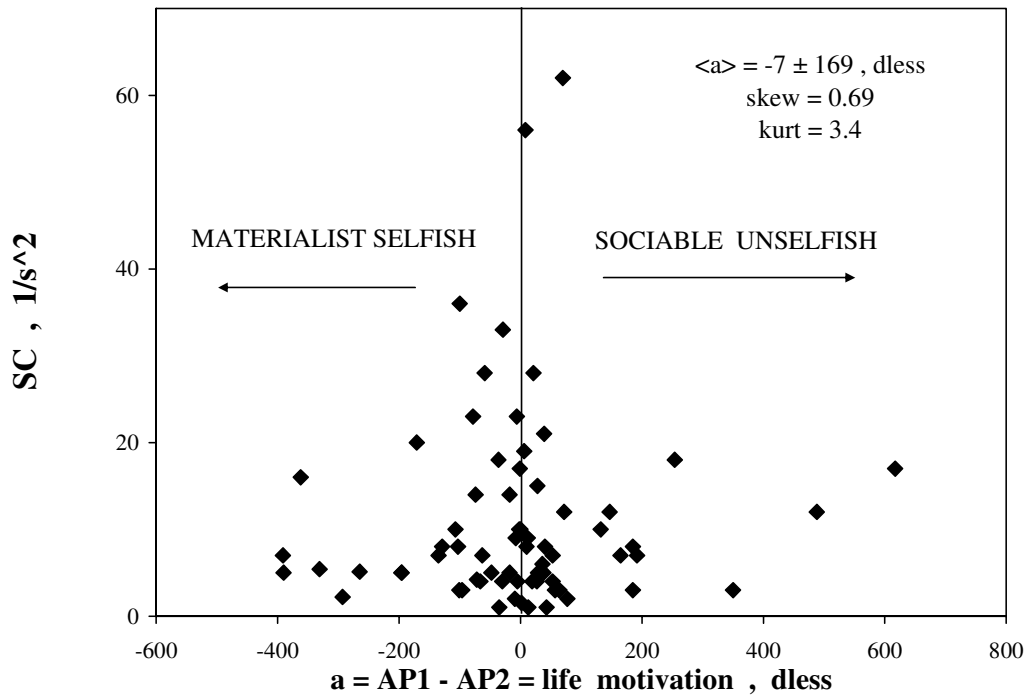


Figure 11.

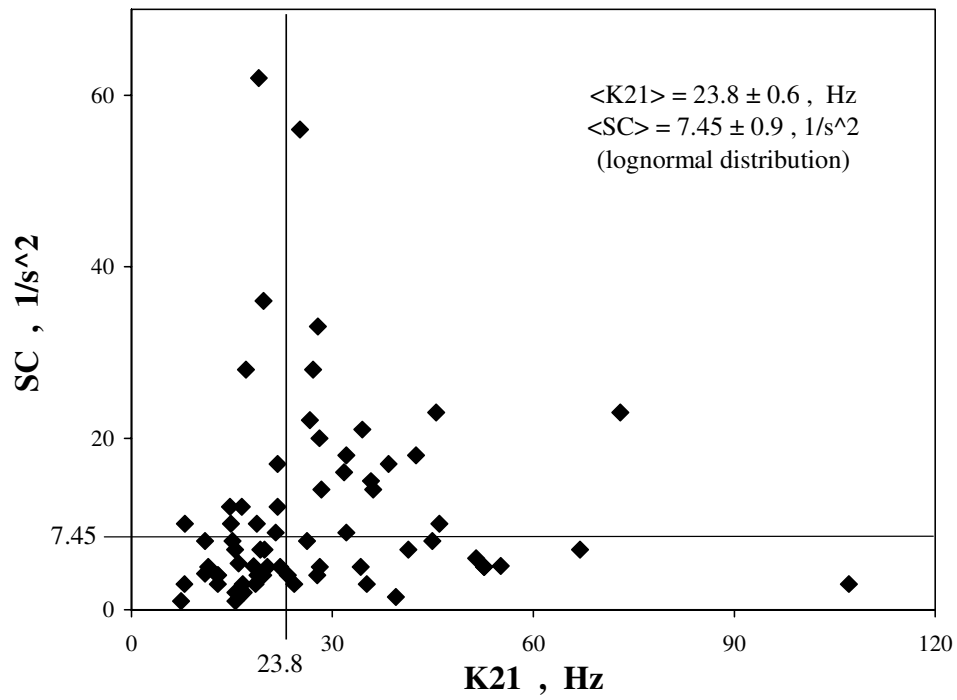


Figure 12.

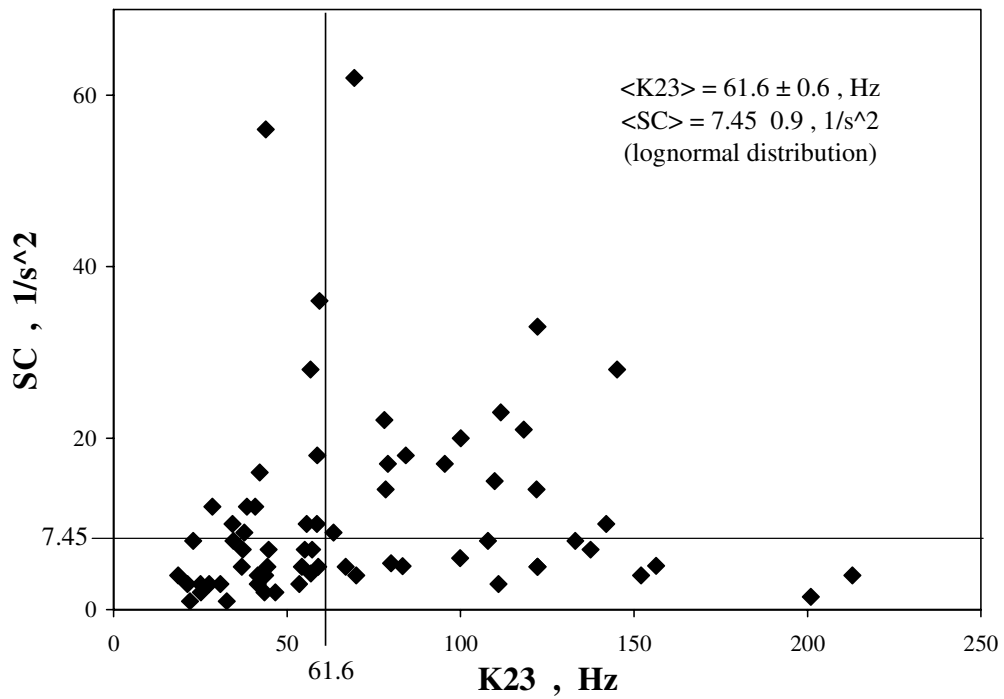


Figure 13.

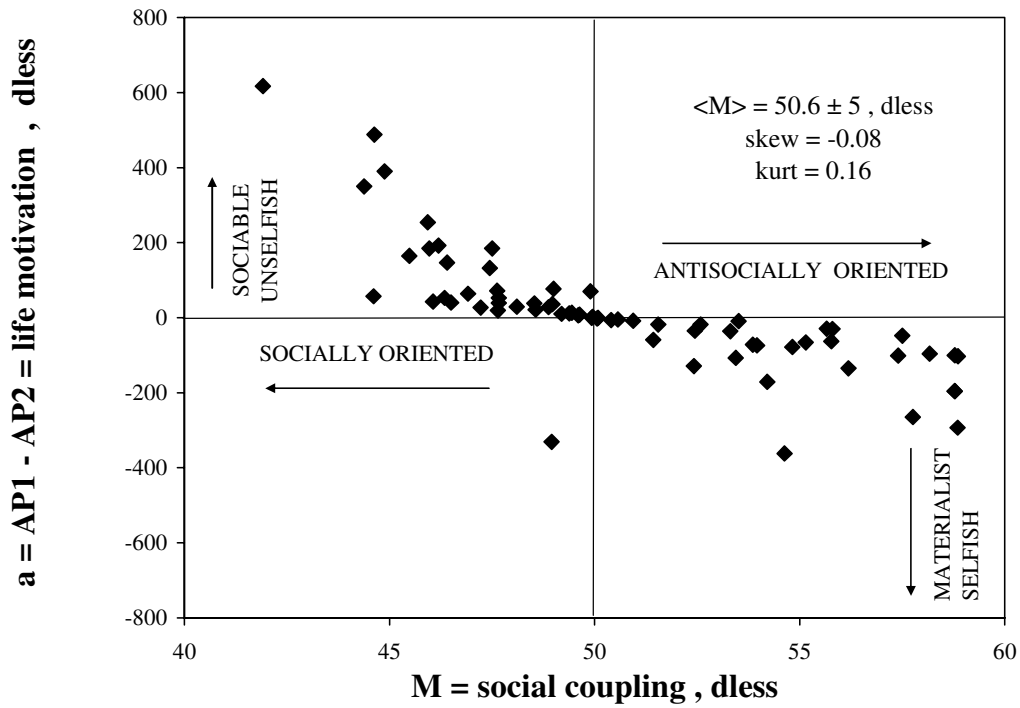


Figure 14.

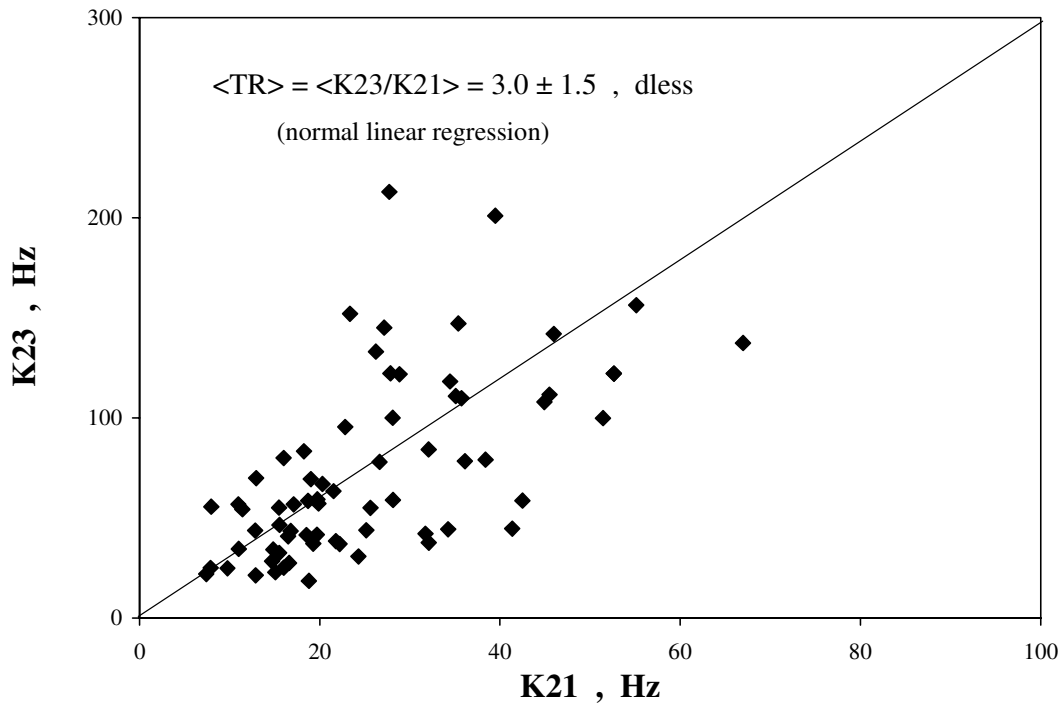


Figure 15.

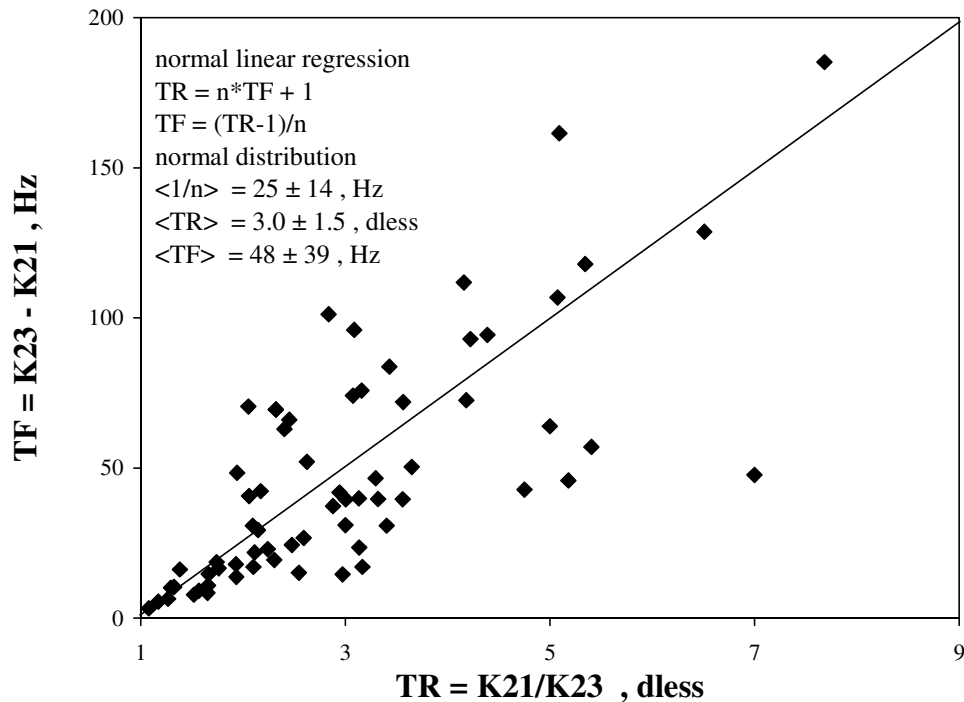


Figure 16.

Assignments of calculated parameters

GRAPHIC represents measured values by the Person Under Test (PUT) ($y_j = \text{average}(y_{ij})$) as a function of the imposed (standard) values $x_j = 5, 10, 15, 20$ s:

- Slope = the proper second of the PUT as expressed in standard seconds (ideal = 1);
- Intercept = $y_0 =$ the extrapolated y_j value for $x_j=0$ (ideal $y_0=0$), s;
- $\text{stdev}(y_j) =$ standard deviations (s) associated to each standard value (vertical bars);
- $\text{SSD} = \text{sum}(\text{stdev}(y_j))$, s (all zero for ideal behavior);
- $\text{correl} =$ correlation coefficient (dless) of all (x_j, y_j) pairs (ideal $\text{correl} = 1$) show the degree of mental stability and coherence of PUT.

SC = Spiritual Coupling, $1/s^2$

SC represents estimation of the coupling strength between PUT mind and the PS = Primary Source (or Universal Conscience). SC tends to infinity when the mind is perfectly coupled to PS and this corresponds to samadhi state = supreme bliss = God Realization = super conscious state.

Action potentials, dless

AP1 = action potential as a result of education and experience in the present life;
 AP2 = native action potential (basic instinct = karma, experience from previous lifes);

Positive 0-20 = PUT has an idealist attitude with no material gains, in good harmony with the all environment;

Positive > 20 = progressively worried, tense, anxious, panic attack;

Negative: materialist behavior

a = AP1-AP2 = life motivation of PUT; positive = PUT actions are oriented on the same direction, negative = reverse oriented relative to the social tendency.

M = social coupling strength = PUT coupling with social medium, dless

<50 social dependent (PUT has no opinion, he is waiting for instructions);

=50 social independent (PUT easy adapts and cooperates);

>50 PUT fights against social tendency (innovative, non-conformist, suspicious).

N = degree of noise in processing of information, %

<20 good coordination of all actions (prompt reactions);

20-50 = normal life (easy go);

>50 too much duties, permanently worried

K21, K23 (Hz) are harmonics of mind activity: high frequency means high power of processing of information, high time resolution in getting information and taking decisions.

K23 > K21; K21: 10 – 50 Hz; K23: 20 – 130 Hz.

Average people (80%) range between K21=10 – 20 Hz; good experienced people range between K21= 20 – 30 Hz and people with particularly high mental potential have K21=30 – 50 Hz. People with K21 under 10 Hz have mental blockages from genetic and/or educational causes.

K23/K21 = Transparence Ratio (TR), dless

TR >1 and increases with ambitious behavior. “Young and restless” people have TR = 6 to 8, while senior people TR ~ 3.

K23 – K21 = Transparence Frequency (TF), Hz

TF results to be proportional with TR.

TR and TF are measures of honesty or transparency, selfishness, i.e. these parameters increase with the difference between PUT declarations and his actions.

PS = Panic Stress, dless, represents the temporary mental stress due by bad emotions (tiredness, fright, panic, anxiety);

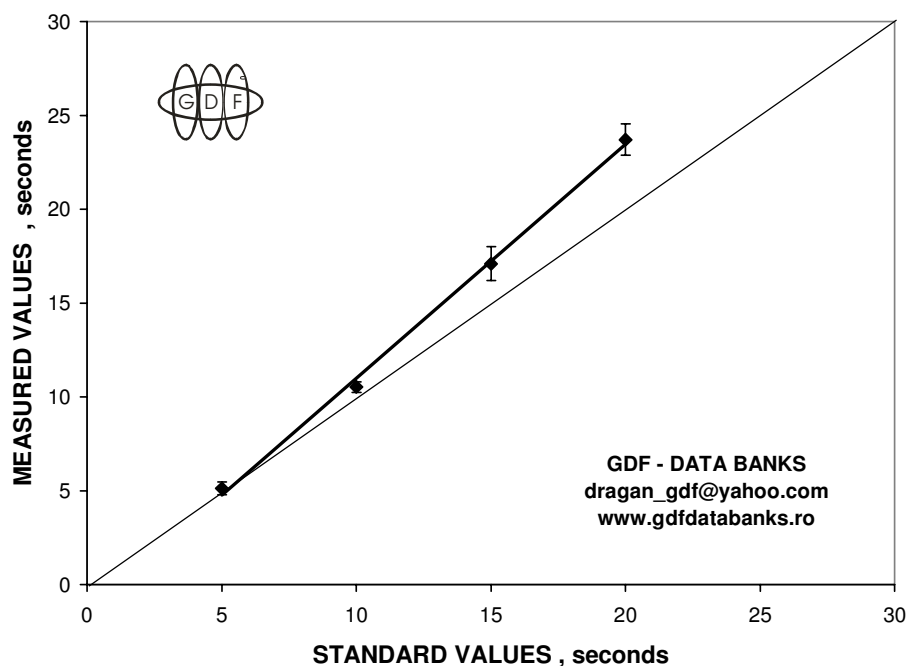
PS < 100 : relaxed and flexible mind;

PS > 100 : proportionally worried mind.

HuPoTest

Test Report

17/10/2007;11:00; Sydney	John DOE (DOB: 1/12/1967)	
slope, dless	1.25 ± 0.04	
intercept, s	-(1.47 ± 0.6)	
correl, dless	0.9990	
stdev(yj) , s	standard deviations: 0.22/0.25/0.36/0.79	
SSD=sum(stdev(yj)), s	sum of standard deviations	1.62
SC, 1/s ²	spiritual coupling strength	3.3
AP1, dless	educational potential of action	-231
AP2, dless	native potential of action	-186
a, dless	life motivation	-45
K21, Hz	1 st harmonic of mental activity	11.26
K23, Hz	2 nd harmonic of mental activity	60.06
TR = K23/K21, dless	transparence ratio	5.33
TF = K23-K21, Hz	transparence frequency	48.8
PS,	panic stress	97
M, dless	social coupling strength	50.9
N, %	noise of measurements	40.4



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Year	VOL	NO	Content (titles)	(\$*)
1997	1	1	Editorial: Databanks – the compulsory language. LOGKOW – a Databank of evaluated octanol-water partition coefficients (James Sangster). Solubility behavior introducing topoenergetic working principles. Comments on 1-octanol-water partition of several n-alkane related series.	F
1997	1	2	Guide of good practice in metrology (Romanian)	AFI
1998	2	1	Editorial: socio-psychological implications in creation and utilization of a databank (Ioan-Bradu Iamandescu); Behavior in vapor-liquid equilibria (VLE): I. Structural aspects; Behavior in vapor-liquid equilibria: II. Several structures in databanks; Symposium on VDC-4 held on 30 October 1997 at Lubrifin-SA, Brasov (Romania).	F
1998	2	2	Practical course of metrology (Romanian)	AFI
1998	2	3	DIFFUTOR-01: Thermally driven diffusion in pure metals	AFI
1998	2	4	VAPORSAT-01: Databanks of thermally driven VLE. The first 100 simple molecules	AFI
1999	3	1	Editorial: New trends in material science: nanostructures (Dan Donescu) DIFFUTOR: Databanks of diffusion kinetics. VAPORSAT: Databanks of vapor-liquid separation kinetics.	F
1999	3	2	Discussions on Applied Metrology	AFI
2000	4	1	Editorial: Laboratory accreditation and inter-laboratory comparisons (Virgil Badescu) Doctoral Theses – important data banks. GDF intends to open new series of experiments on thermo-physical properties. Some comments on uncertainty: global budget and DFT analysis. Events: The 9 th International Metrology Congress, Bordeaux, France, 18-21 October 1999.	F
2000	4	2	Measurement and Calibration.	AFI
2001	5	1	Editorial: Metrology ensures moral and technological progress. Topoenergetic aspects of amorphous-crystalline coupling. I. Composite behavior of water and aqueous solutions (paper presented at nanotubes and Nanostructures 2001, LNF, Frascati, Rome Italy, 17-27 October 2001). Events: Nanotubes and nanostructures 2000.School and workshop, 24 September – 4 October 2000, Cagliari, Italy.	F
2001	5	2	Editorial: Viscosity – a symptomatic problem of actual metrology. Visco-Dens Calorimeter: general features on density and viscosity measurements. New vision on the calibration of thermometers: ISOCALT® MOSATOR: Topoenergetic databanks on molten salts properties driven by temperature and composition.	F

continued

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2002	6	1	MOSATOR-01: Topoenergetic databanks for one component molten salts; thermally driven viscosity and electrical conductance.	AFI
2002	6	2	Editorial: HuPoTest - Operator calibration or temporal scale psychic test. MOSATOR: topoenergetic databanks of one component molten salts; thermally driven viscosity and electrical conductance.	F
2002	6	3	Editorial: Quo vadis Earth experiment? ISOCALT® : Report on metrological tests	F
2003	7	1	Editorial: Time – an instrument of the selfish thinking. 1 st NOTE: Homoeopathy: upon some efficient physical tests revealing structural modifications of water and aqueous solutions. I. Mixing experiments.	F
2004	8	1	Metrological verification and calibration of thermometers using thermostats type ISOCALT® 21/70/2. Metrological verification and calibration of thermometers using thermostats type ISOCALT® 2.2R.	F
2004	8	2	Aspects of correct measurements of temperature. I. measurement of a fixed point according to ITS-90. Physics and Homoeopathy: some physical requirements for homoeopathic practice.(Plenary lecture at the 19 th SRH National Congress, 21-22 September 2004, Bucharest, Romania)	F
2005	9	1	AWARD for ISOCALT® at the International Fair TIB-2004, October 2004, Bucharest. ISOCALT® 3/70/21 was awarded in a selection of 20 products by a commission of experts from the Polytechnic University of Bucharest. Upon some aspects of temperature measurements. (12 th International Metrology Congress, 20-23 June 2005, Lyon, France)	F
2005	9	2	A new technique for temperature measurement and calibration. National Society of Measurements (NSM). Important warning for T-calibrator users: MSA has chose metrology well calibrators from Fluke (Hart Scientific).	F
2005	9	3	Universal representation of Cancer Diseases. 1. First sight on NSW-2003 report. Universal representation of Cancer Diseases. 2. UK cancer registrations on 1999-2002. Vital Potential can estimate our predisposition for cancer diseases.	F
2006	10	1	NTC – thermistors -1	AFI
2007	11	1	HuPoTest - 40 years of continuous research Basic rules for preventing and vanishing cancer diseases Climate change = change of mentality Hot nuclear fusion – a project of actual mentality	F
2007	11	2	MT – Introduction to Mental Technology HuPoTest – general procedure, assignments of results, specimen of complete test , order and obtain your complete HuPoTest report	F

Year	VOL	NO	Content (titles)	(\$*)
2007	11	3	TRESISTOR© - data banks of materials with thermally driven electric and magnetic properties TRESISTOR© - NTC -1 - data bank of NTC thermistors	AFI
2008	12	1	Australian population: life, death and cancer	F
2008	12	2	Pattern of Cancer Diseases	F
2008	12	3	Adiabatic calorimetry – summary description of the demo prototype	F
2008	12	4	Flight QF 30 and even more... Temperature calibration of NTC-thermistors. 1.Preliminary results.	F
2009	13	1	Proposal for interlaboratory comparisons. Calibration of NTC-thermistors (The 14 th International Metrology Congress, Paris, France, 22-25 June 2009)	F
2009	13	2	Sudoku – un algoritm de rezolvare (Sudoku – an algorithm for solution)	AFI
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2010	14	2	Measuring tools for subtle potentials; pas-LED: an efficient measuring tool for subtle potentials.	F
2010	14	3	Upon some features of cancer in Australia: 1982 - 2006	F
2010	14	4	Cancer as an erosion process in human society	F
2010	14	5	Cancer erosion in Australian human society: 1982 - 2006	F
2010	14	6	Cancer erosion in German human society:1980-2008	F
2011	15	1	Procedures and devices for energy and water saving. (I) (in Romanian)	F
2011	15	2	Structural and relativistic aspects in transforming systems. I. Arrhenius and Universal representations of thermally driven processes.	F
2011	15	3	Topoenergetic aspects of water structuring as revealed by ac electric conductivity	F
2011	15	4	Topoenergetic aspects of human body	F

*) F=free, AFI=ask for invoice.

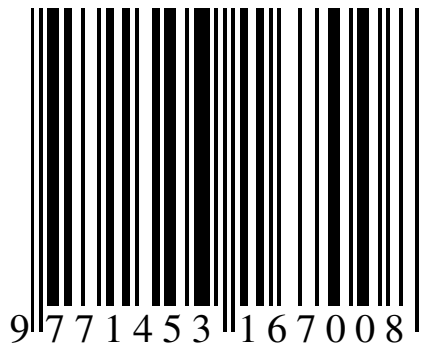
GDF DATABANKS BULLETIN, VOL. 15, NO.5, 2011
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ISSN 1453-1674



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