

Here is the post Psycholin posted on his own lotto compost.cum, today, 5/5/2011. It might “disappear”, as he usually does when caught in a flagrant spasm of insanity. Probably he trusts a few benevolent people who plea with him to “erase the fingerprints” . . .

Psycholin committed now the most severe case of INSANITY. The post he refers to in the previous message is a cruel offense to MATHEMATICS. This act of madness alone at his “message board” must be a most compelling reason to confine him.

■Topic: ION SALIU AND HIS FUNDAMENTAL FORMULA OF GAMBLING  
Posted: Today at 3:39am

**THE MADNESS OF ION SALIU AND HIS  
FUNDAMENTAL FORMULA OF GAMBLING  
by Colin Fairbrother**

In 1996 Ion SalIU published a table which used a simple formula that relied on using the log rule that  $\log_b(m^n) = n \cdot \log_b(m)$  and purported to show the results for various degrees of certainty. He has variously lauded this simple equation as a great achievement despite **the "calculated" data given being hopelessly wrong**. In reality it would barely warrant a pat on the head and a wry smile from a 3rd year high school teacher.

Basically the formula is where n is the number of events: -

$$\text{Degree of Certainty} = (1 - \text{Probability of Event})^n$$

As given by Ion SalIU it is: -

$$N = \log(1 - \text{Degree of Certainty}) / \log(1 - \text{Probability of Event})$$

The following table is easily done in Excel and applies the formula exactly the same way for each line. Compare the accurate figures with the wrong figures given by Ion SalIU and what a difference. **Whether he intentionally fudged the figures to deceive or to promote his crackpot Pick 3 con-artist scheme (where he claims to reduce the House Edge from 50% to 2.3%) or just through plain incompetence I will leave to others to conclude. In my considered opinion it is a combination of all three.**

Probability of Success	ProbEvent	ProbSuccess	Number Events	Ion SalIU
Number of hands 5% Royal Drought	0.050000000000	0.999975240000	120989	
Coin 50%	0.500000000000	0.500000000000	1	1
Coin 75%	0.500000000000	0.750000000000	2	2
Coin 90%	0.500000000000	0.900000000000	7	3
Coin 95%	0.500000000000	0.950000000000	14	4
Coin 99%	0.500000000000	0.990000000000	69	6
<b>Coin 99.9%</b>	<b>0.500000000000</b>	<b>0.999000000000</b>	<b>693</b>	<b>9</b>
Pick 3 Straight 10%	0.001000000000	0.100000000000	3	105
Pick 3 Straight 25%	0.001000000000	0.250000000000	5	287
Pick 3 Straight 50%	0.001000000000	0.500000000000	10	692
Pick 3 Straight 75%	0.001000000000	0.750000000000	24	1385
Pick 3 Straight 90%	0.001000000000	0.850000000000	43	2301
Pick 3 Straight 95%	0.001000000000	0.950000000000	135	2994
<b>Pick 3 Straight 99%</b>	<b>0.001000000000</b>	<b>0.990000000000</b>	<b>687</b>	<b>4602</b>

Pick 3 Straight 99.3113%	0.001000000000	0.993113000000	1000	
Pick 3 Straight 99.9%	0.001000000000	0.999000000000	6904	6904
Any Win 6/49 Lotto	0.018637400000	0.920000000000	48	
Any Win 6/45 + 2 Bonus Lotto (Aus Sat)	0.011802300000	0.780000000000	18	

My thanks to [Michael Shackleford, The Wizard of Odds](#) for pointing out the simplicity of the equation at his site. ie  
***"That is just an obvious extension of the rule that  $\log(a^b)=b \times \log(a)$ . It is not worthy of any special term. I suppose the formula might be helpful in answering some questions about the probability of a succession of losses."***

Colin Fairbrother

Based on Psycholin Formula of Twisted Insanity, winning Pick-3 straight is virtually as easy as winning heads/tails in coin tossing!!!