

تقييم كلية طب الكندي

دورة بعنوان

**Preparing graphs and formulas for
medical scientific research**

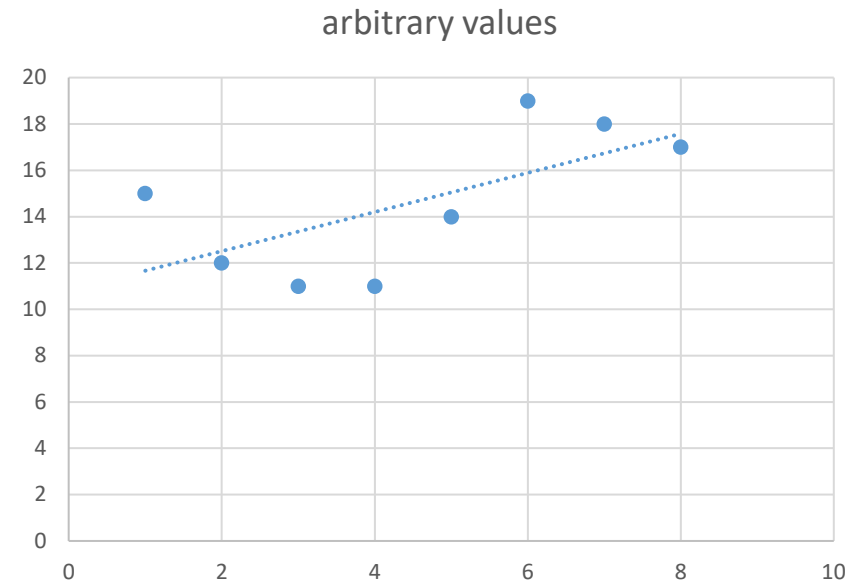
تقديم

م.د. حيدر رحيم حمود

المكان: قاعة المؤتمرات

يوم ٢٠٢٣/٣/١٩

	1	15	
	2	12	
	3	11	
	4	11	
	5	14	
	6	19	
	7	18	
	8	17	
mean		14.625	
standard deviation		3.159453	
minimum		11	
maximum		19	
median		14.5	
mode		11	



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SUM X ✓ fx =(Q3*\$N\$7)/\$Q\$7

	A	B	C	D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1																										
2																										
3					=(Q3*\$N\$7)/\$Q\$7								690	1177	702	2569										
4		1			205.9	300.6	206.5						250	242	221	713										
5					34.1	49.7	34.2						40	28	50	118										
6					18.2	26.6	18.2						20	13	30	63										
7													1000	1460	1003	3463										
8					3.6	8.1	2.4																			
9					9.4	11.4	1.0																			
10					1.0	9.5	7.3						8.0212E-13													
11					0.2	6.9	7.6																			
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Sheet1

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SUM \times \checkmark f_x $= (Q3 * \$N\$7) / \$Q\7

	A	B	C	D	E	F	G	H	I	J	K	L	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA
1																										
2																										
3					$= (Q3 * \$N\$7) / \$Q\7	1083.1	744.1						690	1177	702	2569										
4					205.9	300.6	206.5						250	242	221	713										
5					34.1	49.7	34.2						40	28	50	118										
6					18.2	26.6	18.2						20	13	30	63										
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Sheet1

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Chart Title

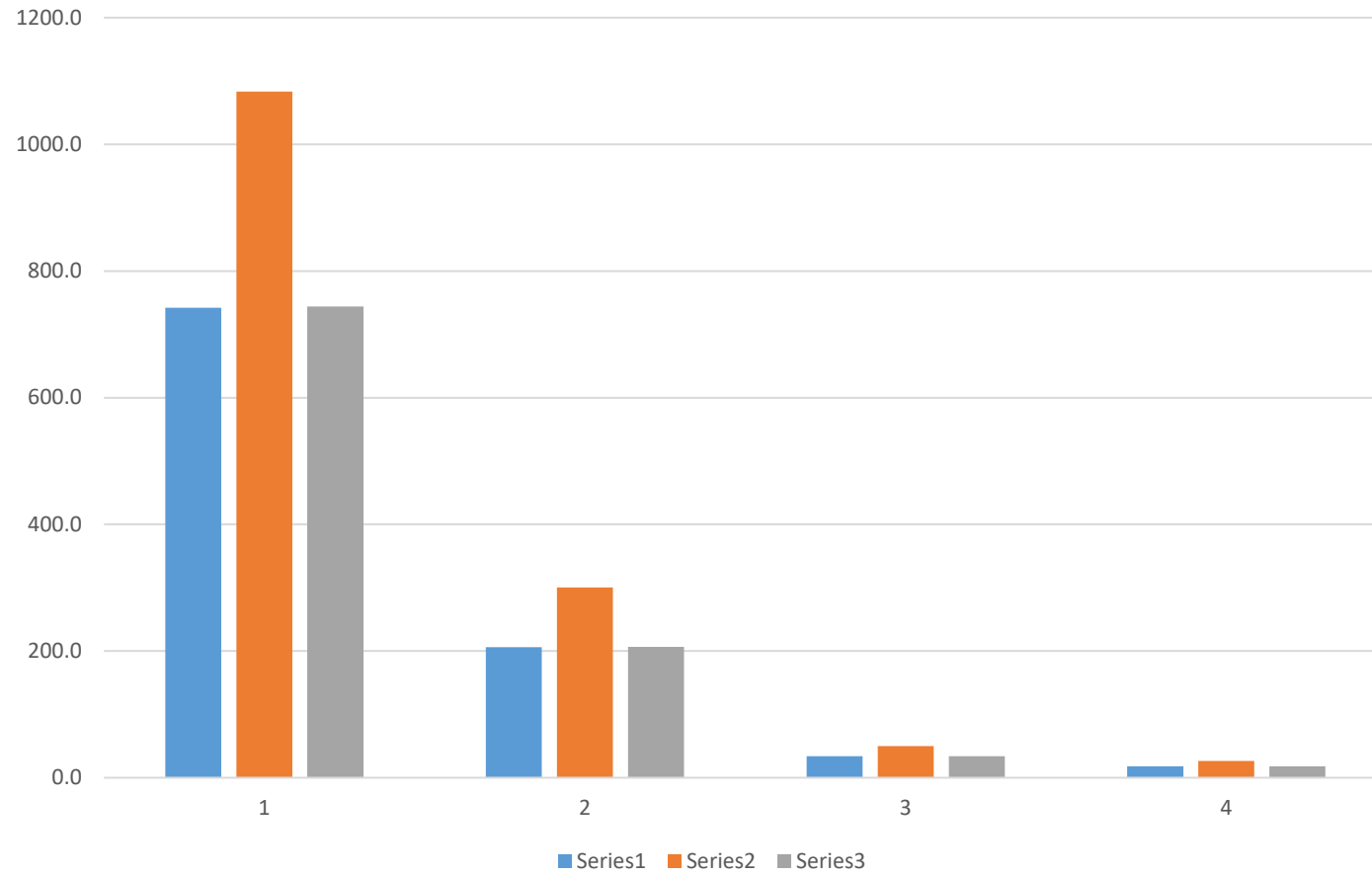


Chart Title

Series1 Series2 Series3

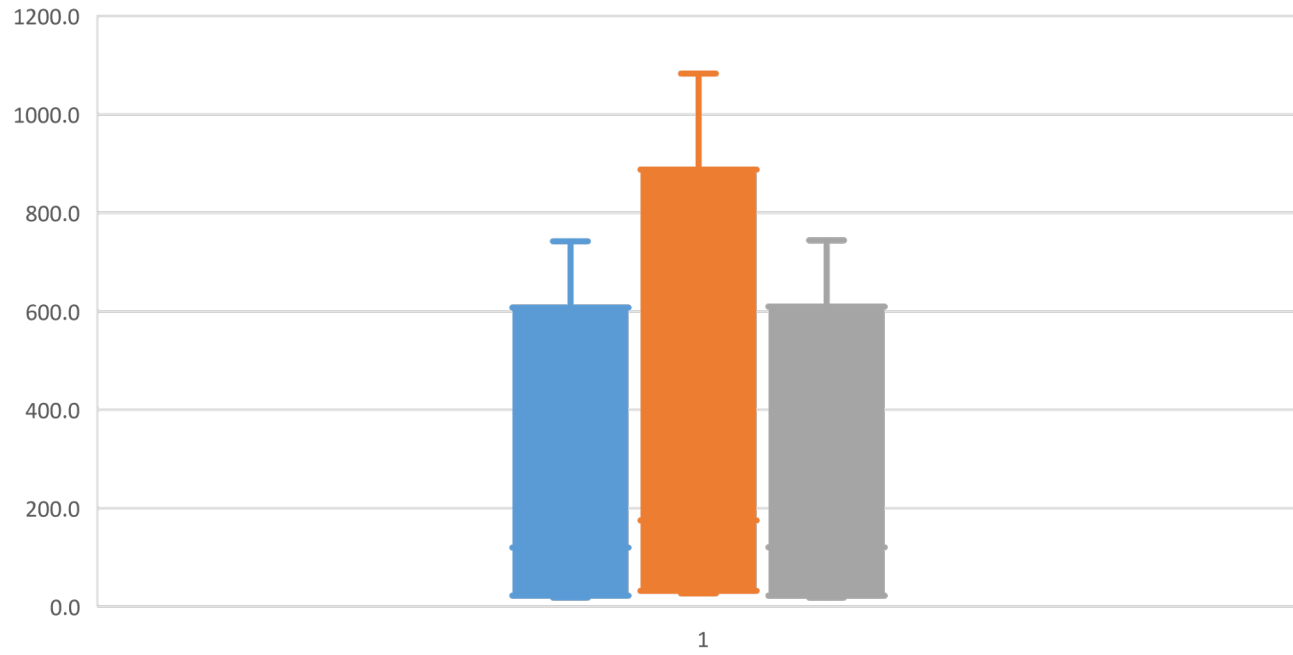
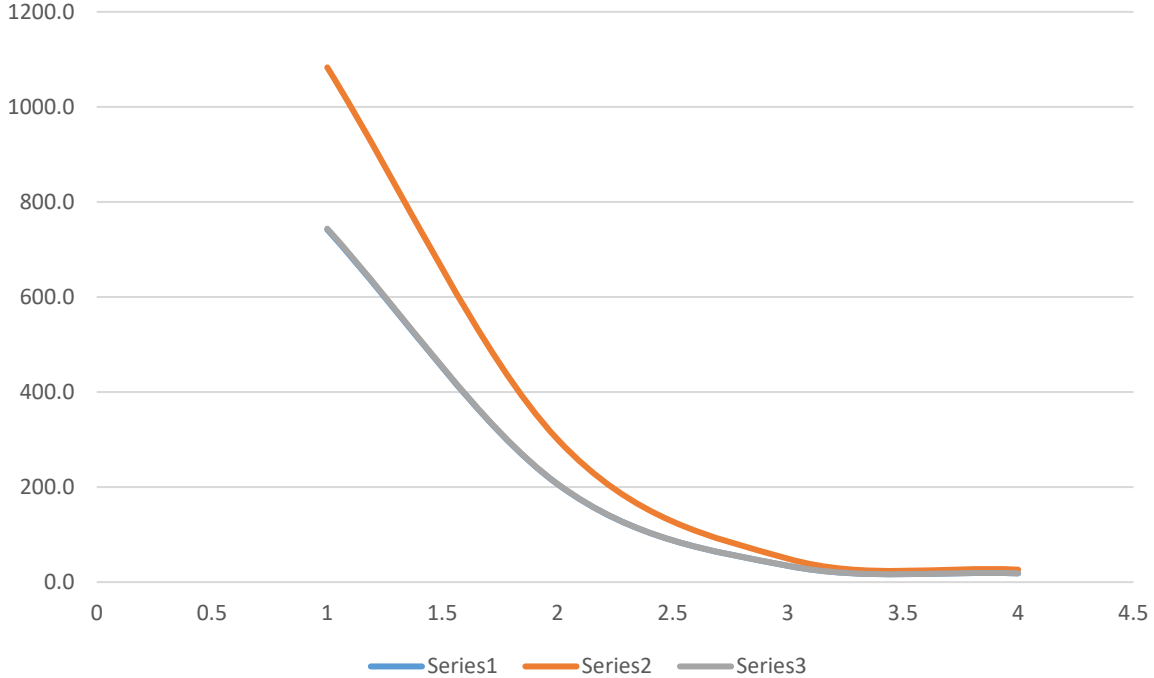


Chart Title



	G1	G2
	12	84
	58	65
	25	29
	23	15
	25	47
	45	32
	20	15
	21	84
	56	35
	87	65
	21	47
	65	54
	98	88
mean	42.76923	50.76923
N	13	13
N-1	12	12
Std	27.91103	25.28555

$$\text{variance} = (\text{Sum}(x_i - x')^2) / N - 1$$

variance formula in excel = VAR(C3:C15)

$$\text{covariance} = (\text{sum}(x_i - x') * (y_i - y')) / n$$

Covariance formula in excel = covar(C3:c15);(d3:d15))

$$\text{Correlation} = \text{Covariance} / (\text{std}(G1) * \text{std}(G2))$$

Correlation = Correl(C3:C15);(d3:d15)

Thank you