

$$SS_{Total} = SS_{bet} + SS_{with}$$

$$X - \bar{C}_m = (m - \bar{C}_m) + (X - m)$$

$$\sum (X - \bar{C}_m)^2 = \sum (m - \bar{C}_m)^2 + \sum (X - m)^2$$

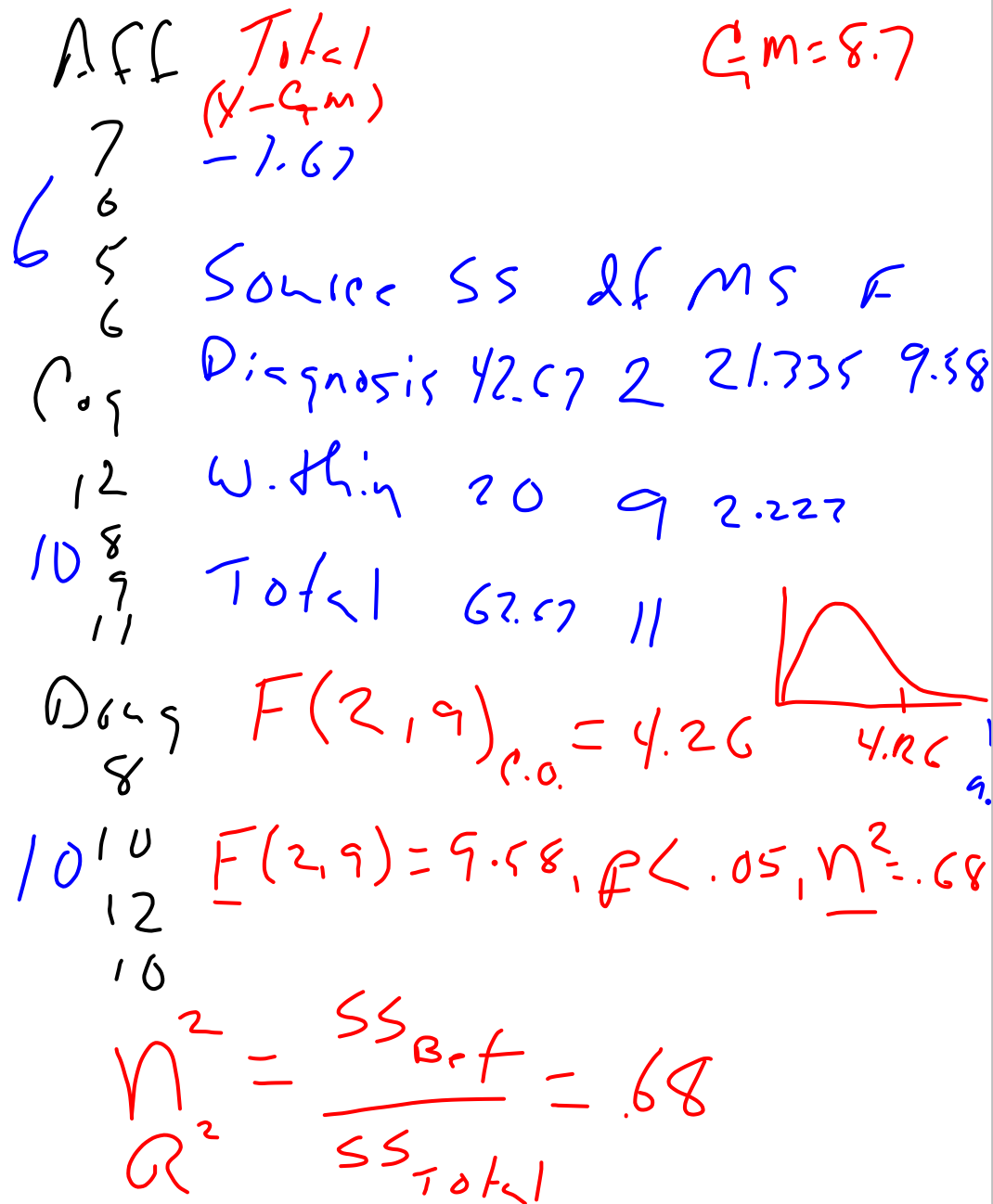
$$df_{Total} = df_{bet} + df_{within}$$

$$(N-1) = N_{groups} - 1 \quad \sum df_{groups}$$

$$MS \quad \frac{SS_{bet}}{df_{bet}} \quad \frac{SS_{within}}{df_{within}}$$

$$F = \frac{MS_{bet}}{MS_{within}}$$

Source	SS	df	MS	F
Between				
Within				
Total				



x-GM	sstotal	M-GM	ssbet	x-M					
aff	0	7		-1.67	2.779	-2.67	7.113	1	1
0	6		-2.67	7.113	-2.67	7.113	0	0	
0	5		-3.67	13.45	-2.67	7.113	-1	1	
0	6		-2.67	7.113	-2.67	7.113	0	0	
cog	1	12		3.333	11.11	1.333	1.777	2	4
1	8		-0.67	0.445	1.333	1.777	-2	4	
1	9		0.333	0.111	1.333	1.777	-1	1	
1	11		2.333	5.443	1.333	1.777	1	1	
drug	2	8		-0.67	0.445	1.333	1.777	-2	4
2	10		1.333	1.777	1.333	1.777	0	0	
2	12		3.333	11.11	1.333	1.777	2	4	
2	10		1.333	1.777	1.333	1.777	0	0	
-0	62.67	-0		42.67		20			