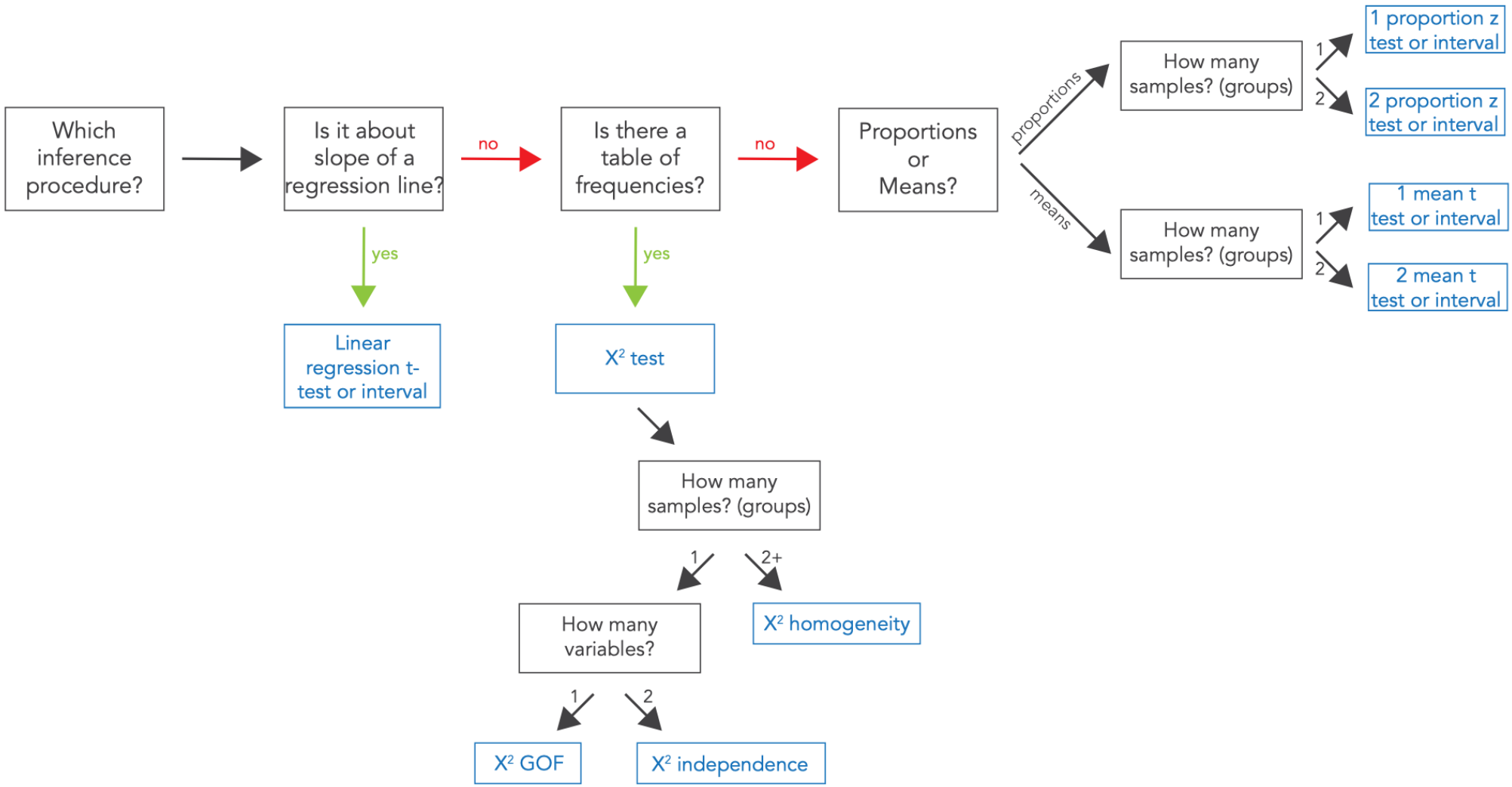
Which inference procedure?
Is it about slope of a regression line?
no
yes
Linear regression t-test or interval
Is there a table of frequencies?
no
yes
X² test
How many samples? (groups)
1
2+
X² homogeneity
How many variables?
1
2
X² GOF
X² independence
Proportions or Means?
proportions
means
How many samples? (groups)
1
2
1 proportion z test or interval
2 proportion z test or interval
How many samples? (groups)
1
2
1 mean t test or interval
2 mean t test or interval

Math Medic