

PSYC 2317 -- Introduction to Statistical Methods
Computational Exam #1 Formula Sheet

standard deviation $\sqrt{\frac{\sum X^2 - \frac{(\sum X)^2}{N}}{N}}$	standard score $\frac{X - \bar{X}}{s}$	range $H - L + 1$
real class interval size $\frac{\text{range}}{15}$	variance $\frac{\sum (X - \bar{X})^2}{N}$	centile point $z(s) + \bar{X}$
mean $\frac{\sum X}{N}$	sum of squares $\sum (X - \bar{X})^2$	sum of squares $\sum X^2 - \frac{(\sum X)^2}{N}$
standard deviation $\sqrt{\frac{\sum (X - \bar{X})^2}{N}}$	variance $\frac{\sum X^2 - \frac{(\sum X)^2}{N}}{N}$	probability of A and B $p(A) * p(B)$ probability of A or B $p(A) + p(B)$