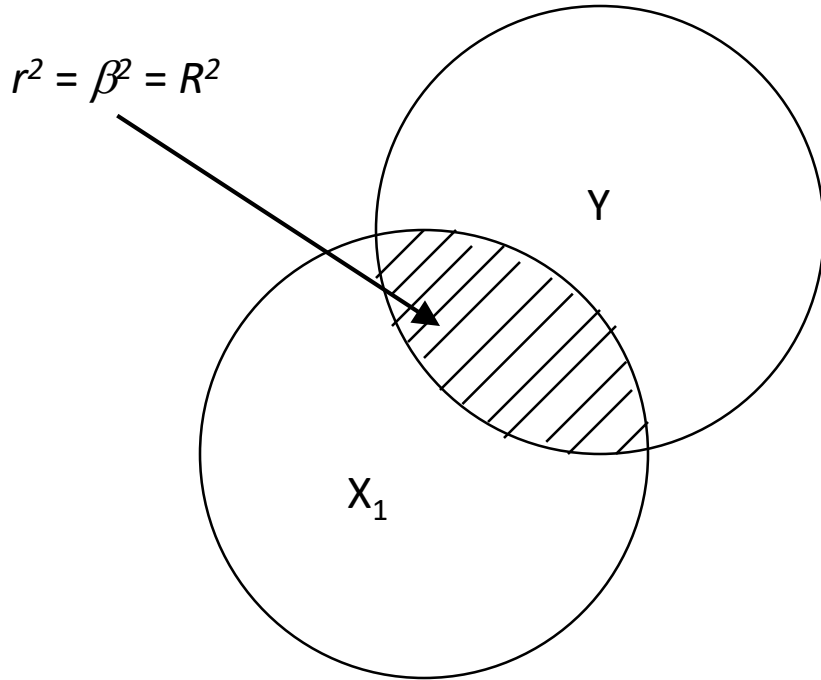
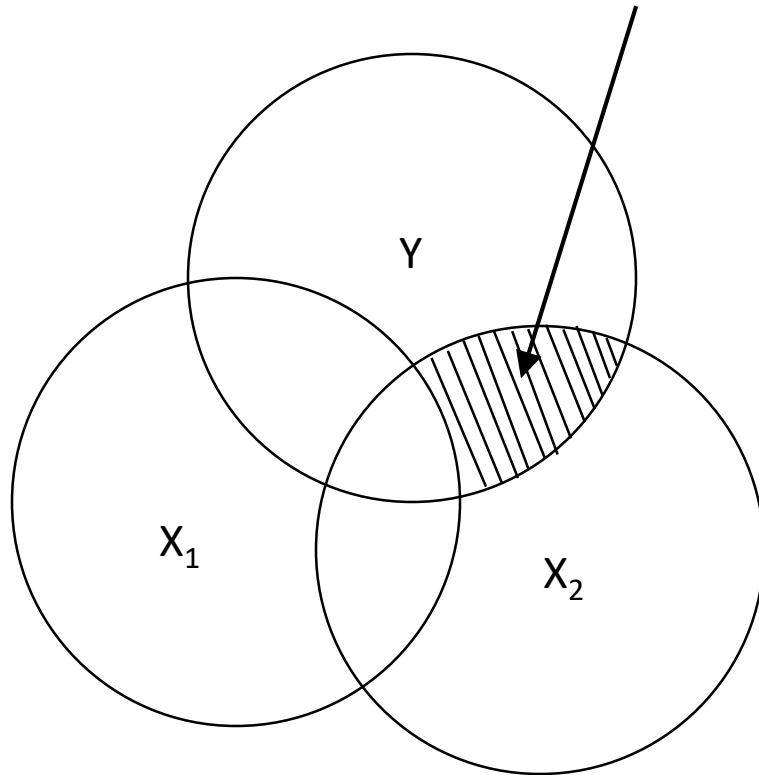


Simple Regression



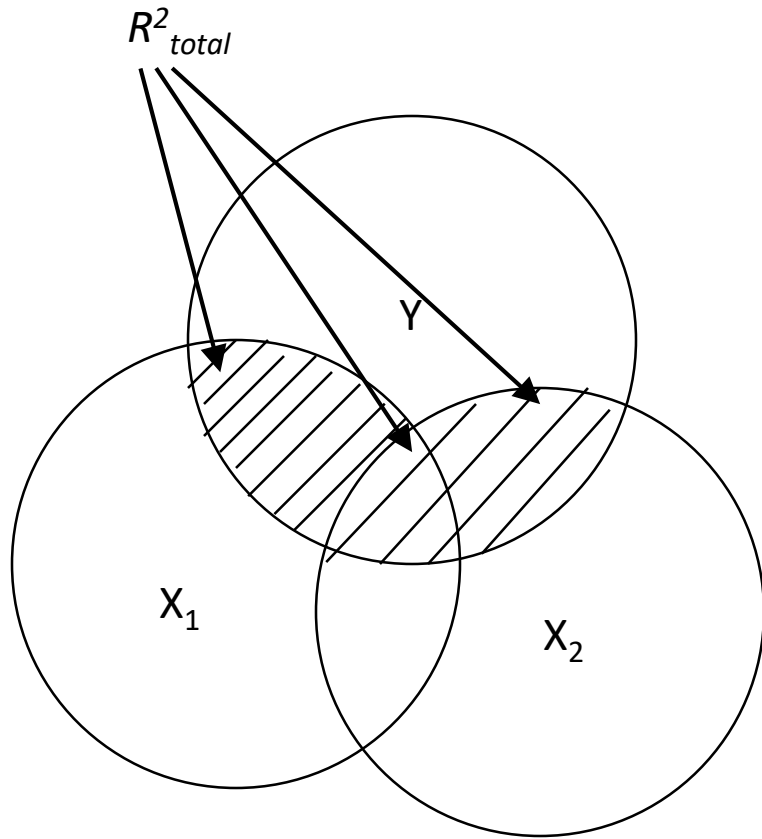
Multiple Regression

Unique variance region for X_2 captured by β and approximately equal to β^2

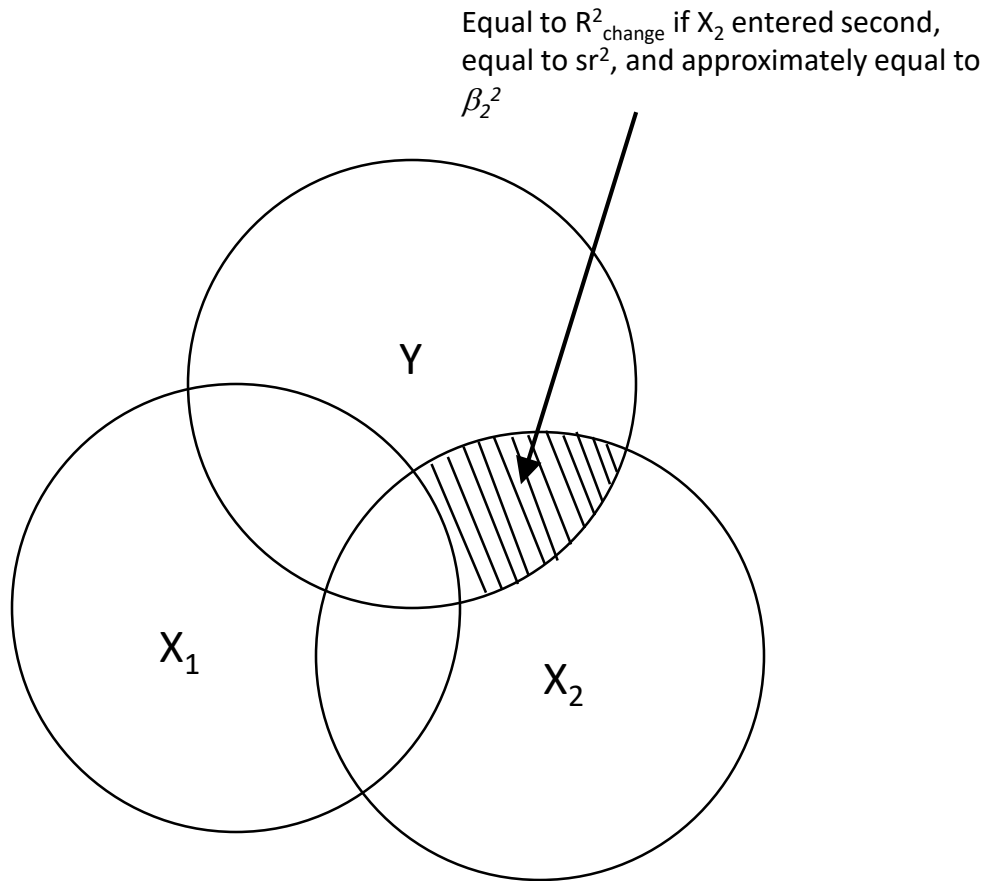


This region represents variance accounted such as captured by r^2 in correlation, but note that β^2 is never reported (we will discuss two more exact metric of this area when we discuss hierarchical regression and semi-partial correlation coefficients).

Multiple Regression



Hierarchical Multiple Regression



Note that β^2 is never reported, because it does not have an exact relationship to the percentage unique variance accounted for in Y as sr^2 or R^2 -change does