Alignment: Computation of the alignment R-square

For each group, compute the estimated

A = loading*factor_mean,

B = threshold-loading*factor_mean (for a categorical item)

or

= intercept+loading*factor_mean (for a continuous item)

Then compute

R-square = Var(A)/Var(B),

where Var(A) is the sample variance of A over the groups and similarly for Var(B).