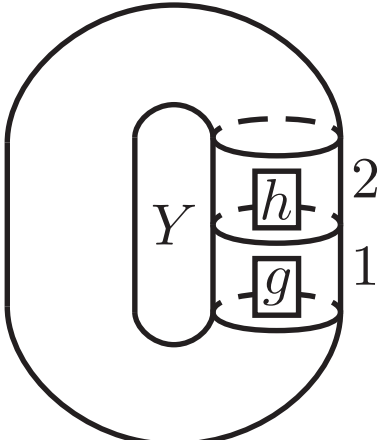
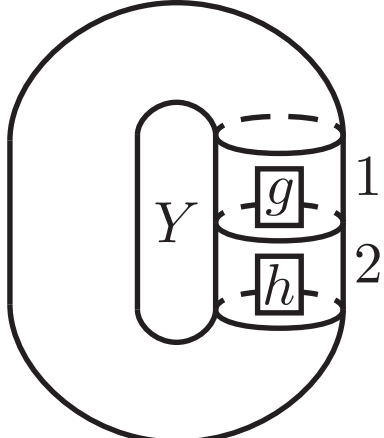
$cl_c(gh) =$ 

$= s(Y)^{|h|}$ 

$= (-1)^{|g||h|} s(Y)^{|h|} cl_d(hg)$