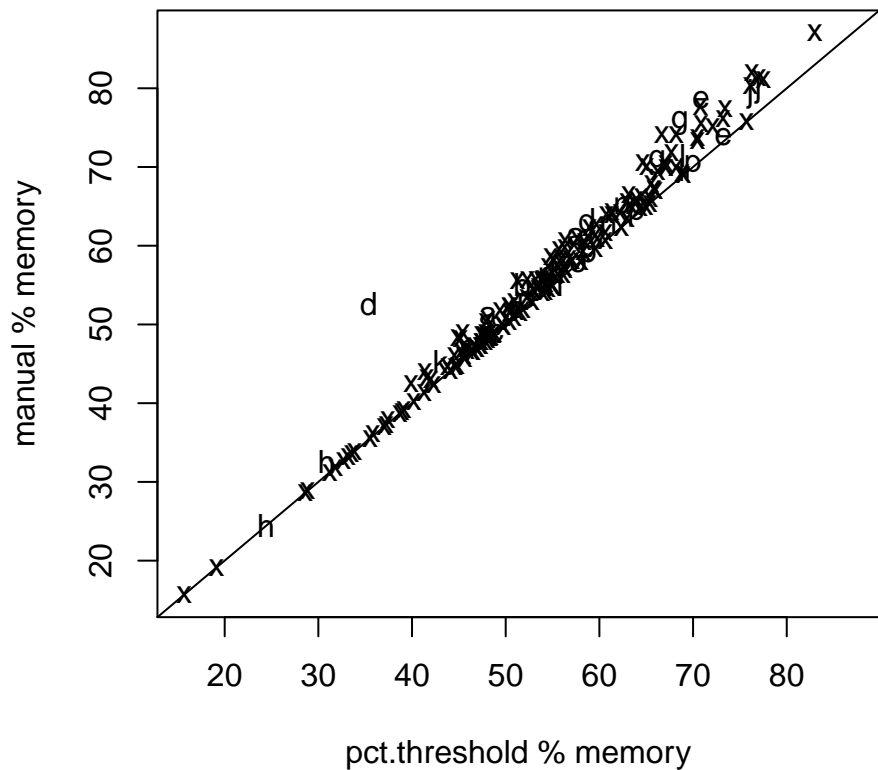


a) $r^2 = 0.978$ **b)** $r^2 = 0.888$ 