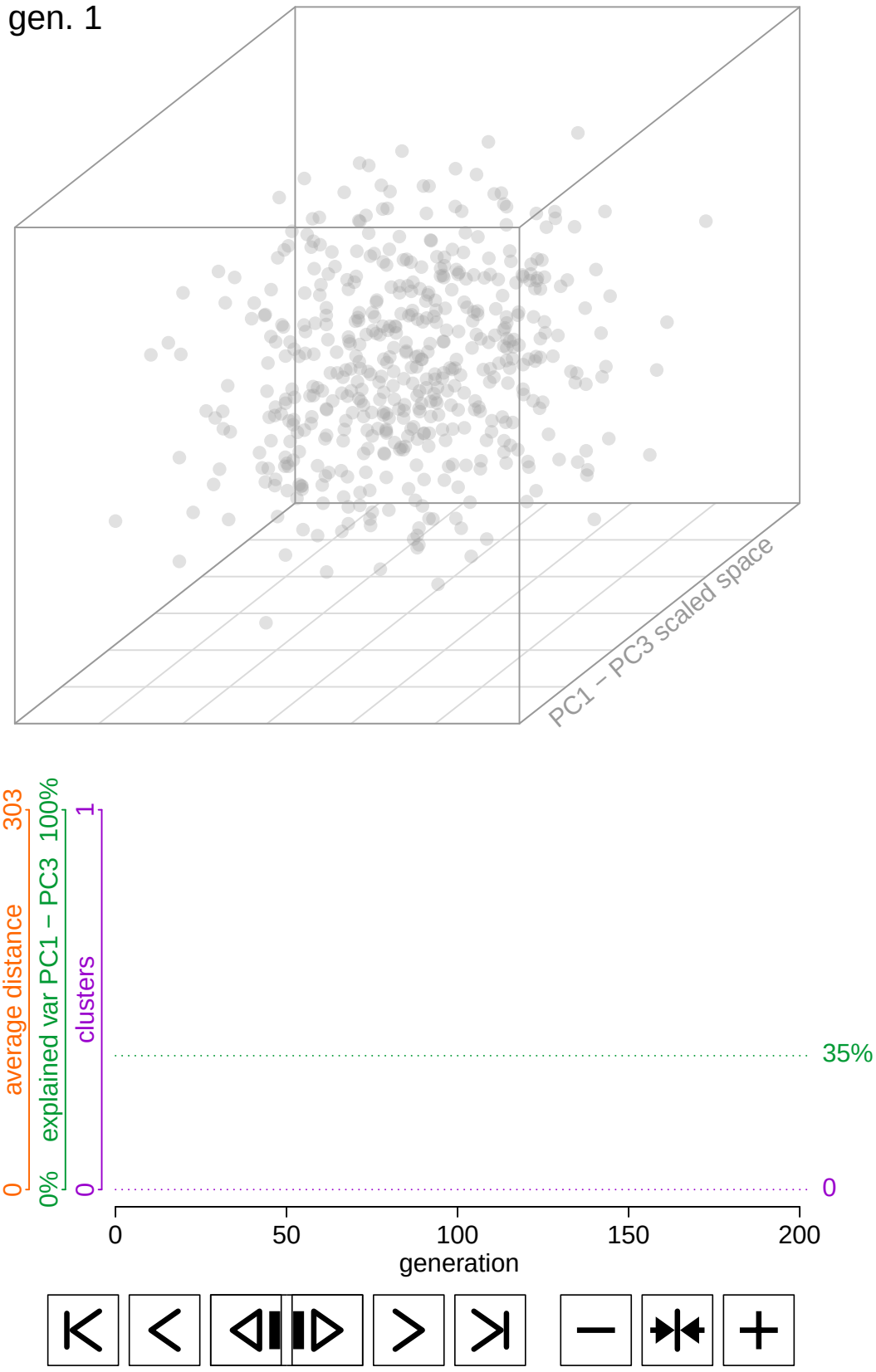$n = 500$ $h = 3$ $\nu = 0.1$ $\eta = 100$