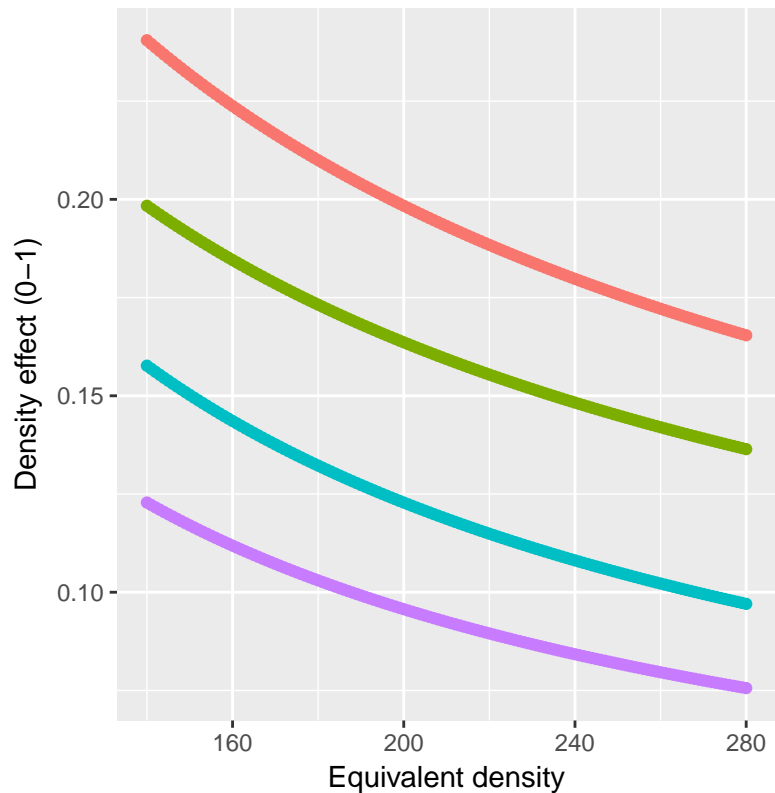Equivalent density effect on density effect