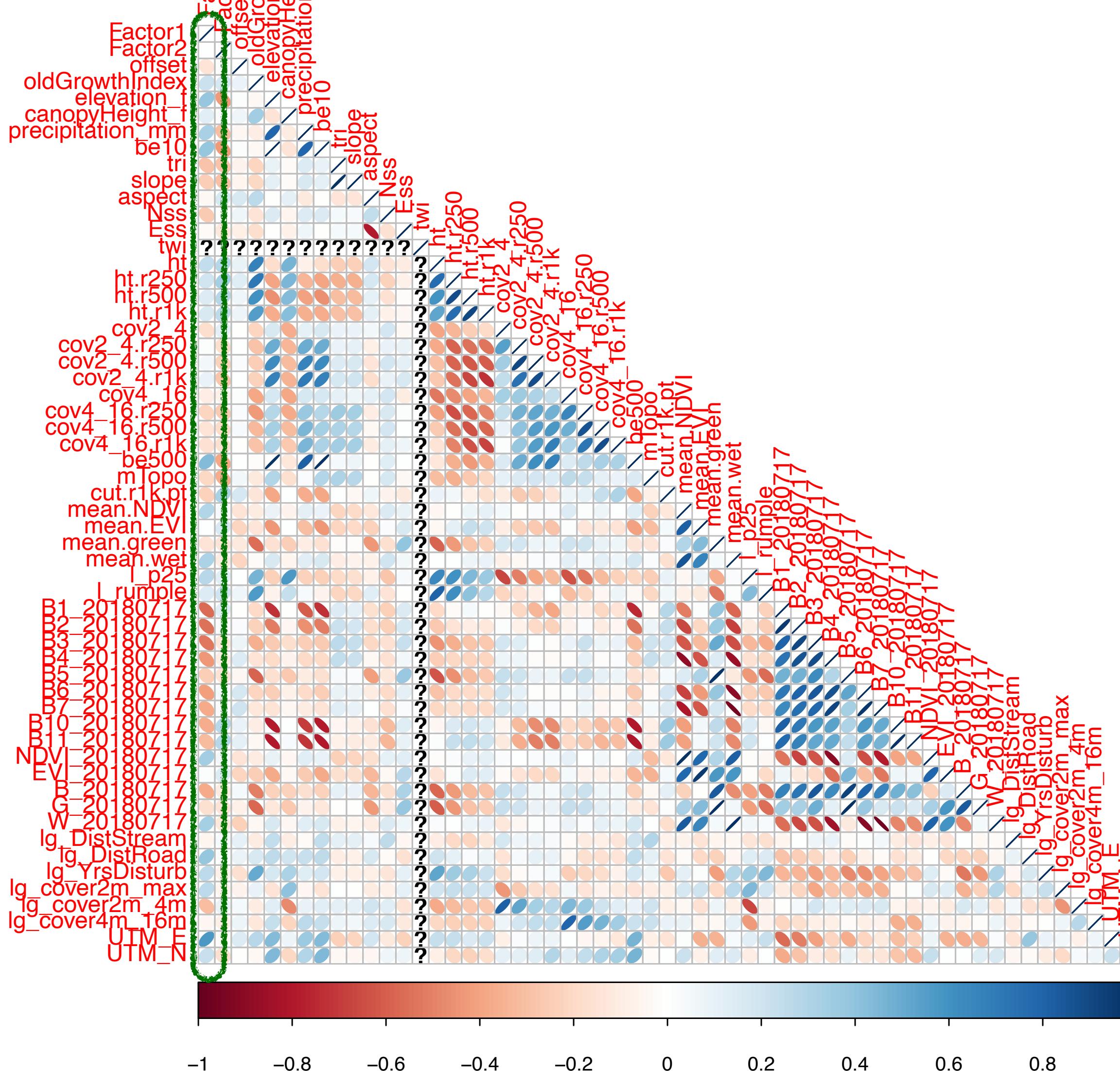


ecoCopula ordination: Factor 1's correlation with UTM_E decreases with 12 covariates

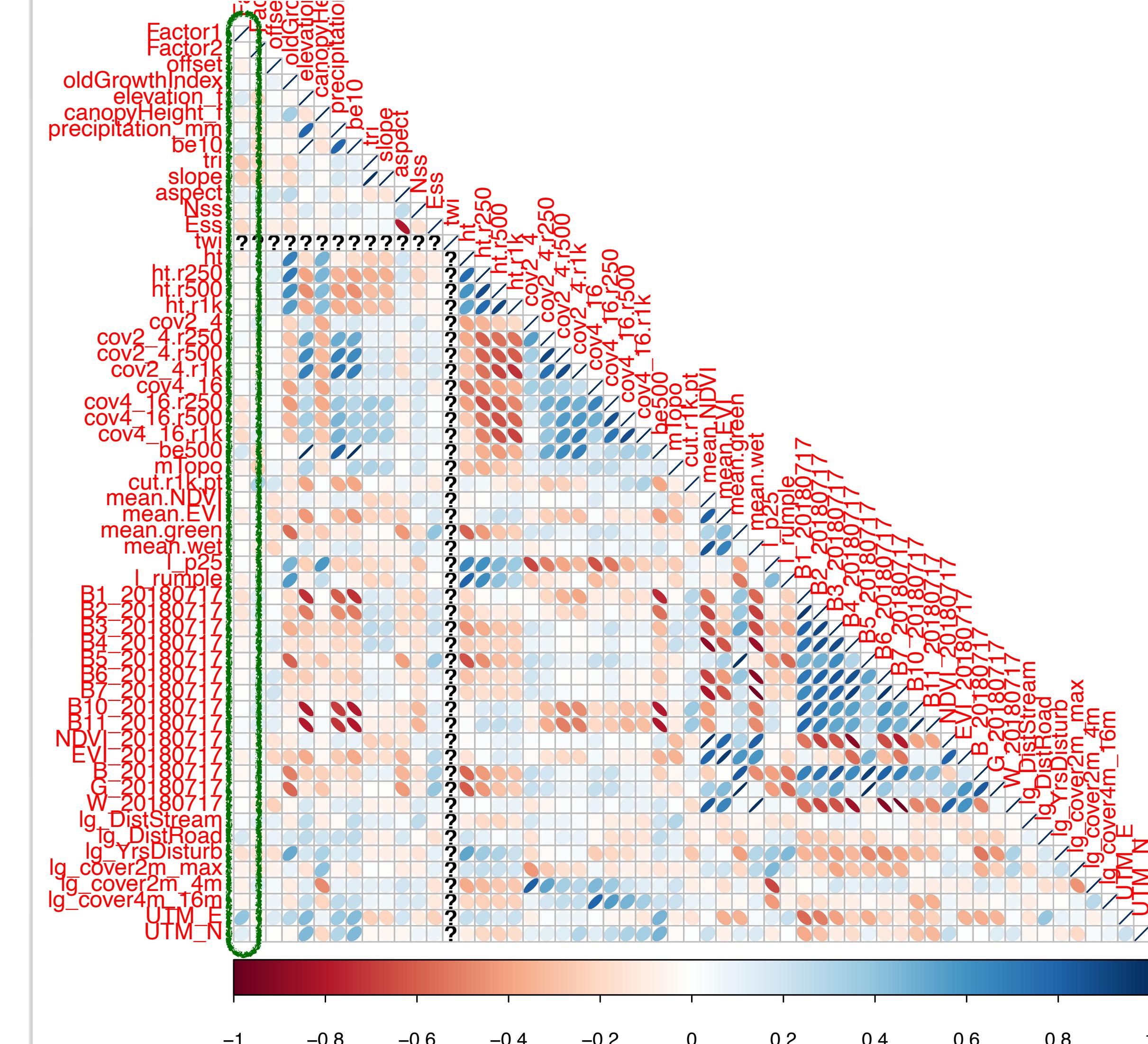
left: manyglm(otu.ord ~ 1 + offset(log(COISpike_sum)), family = "negative.binomial")

right: manyglm(otu.ord ~ be500 + NSS + B1_20180717 + B2_20180717 + B3_20180717 + B4_20180717 + B6_20180717 + B7_20180717 + NDVI_20180717 + g_DistRoad + mean.wet + l_p25 + offset(log(COISpike_sum)), family = "negative.binomial")

ab, otu.ord ~ 1



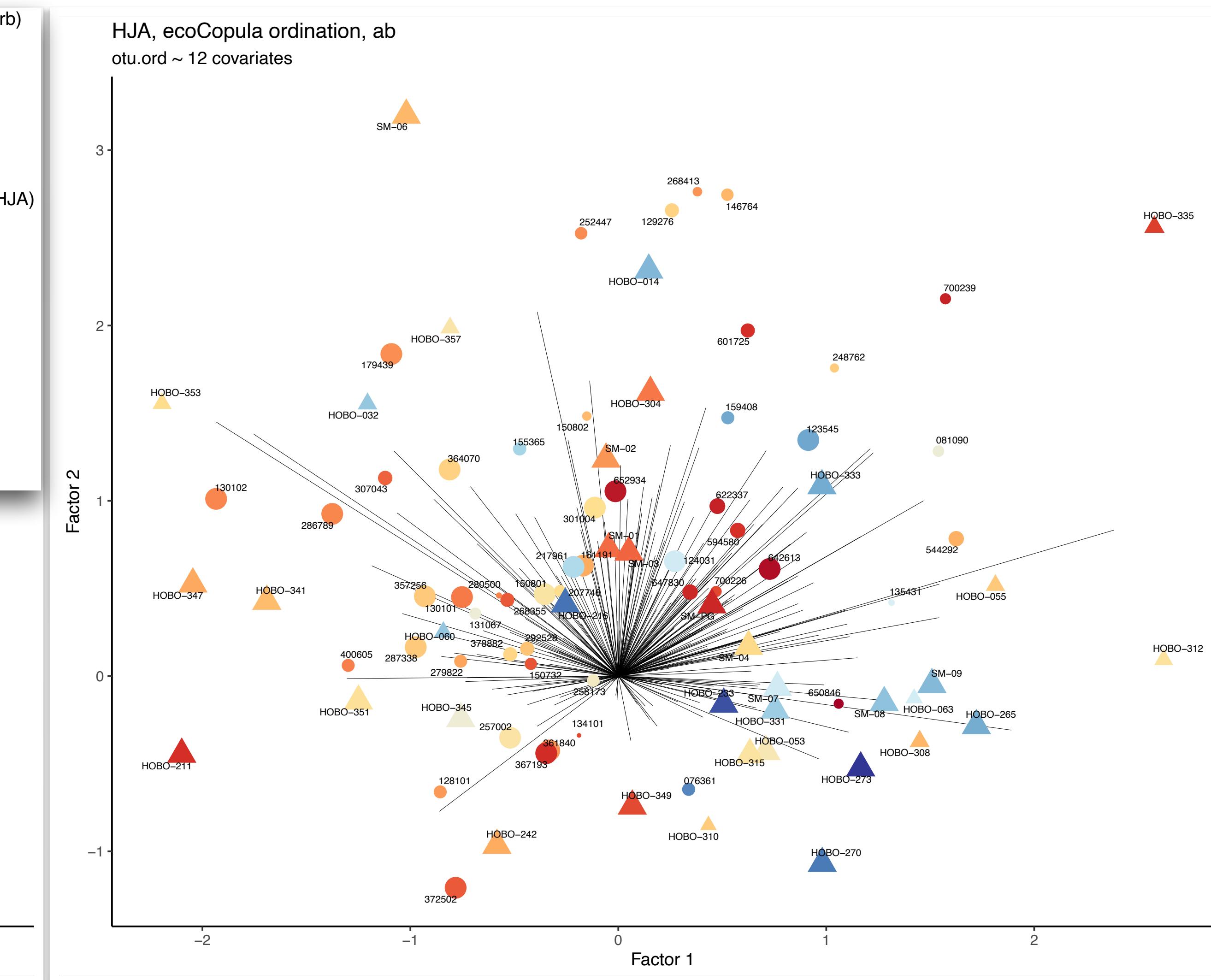
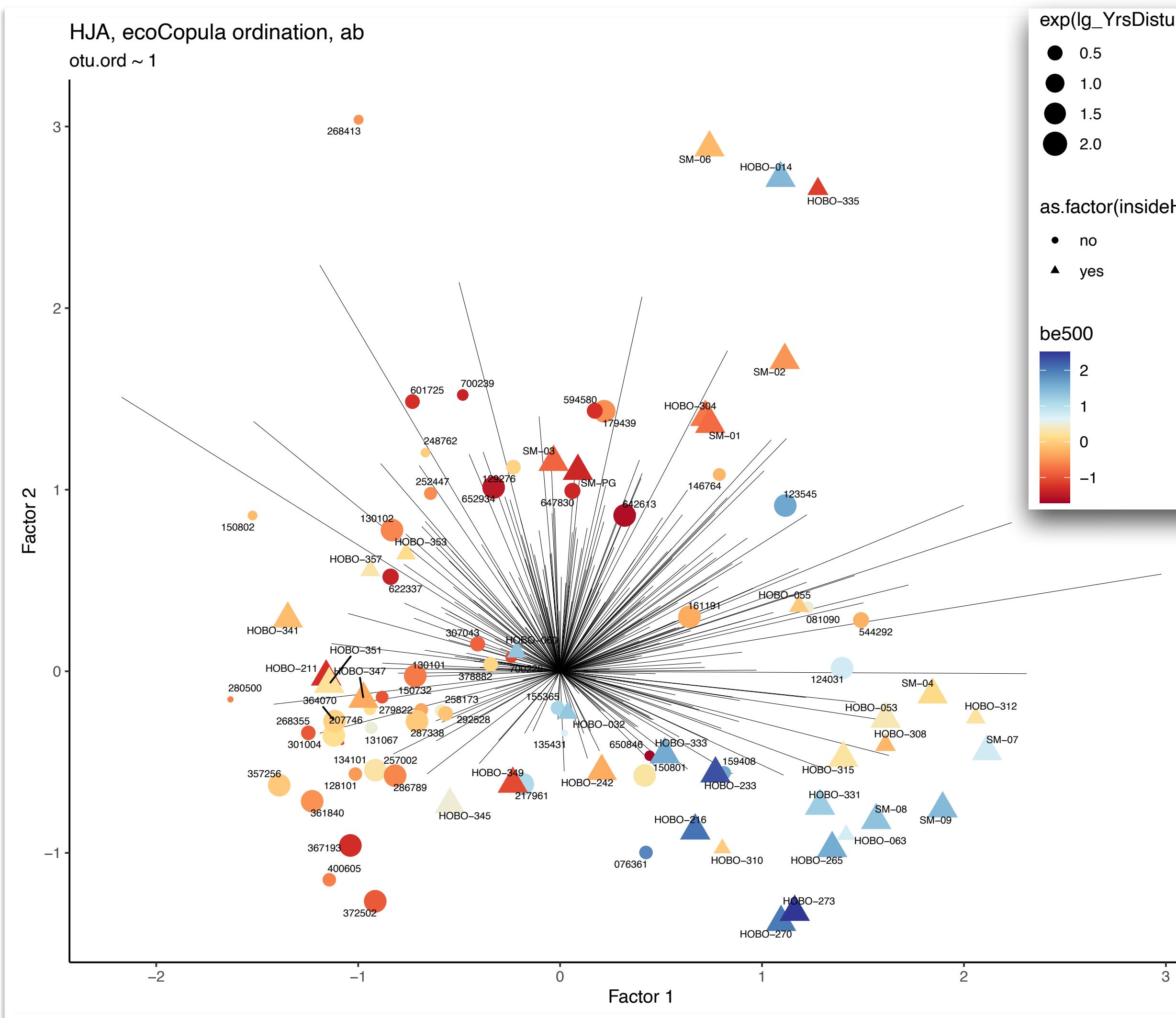
ab, otu.ord ~ 12 covariates



ecoCopula ordination: with 12 covariates, high elevation (be500) sites are less clustered

left: manyglm(otu.ord ~ 1 + offset(log(COISpike_sum)), family = "negative.binomial")

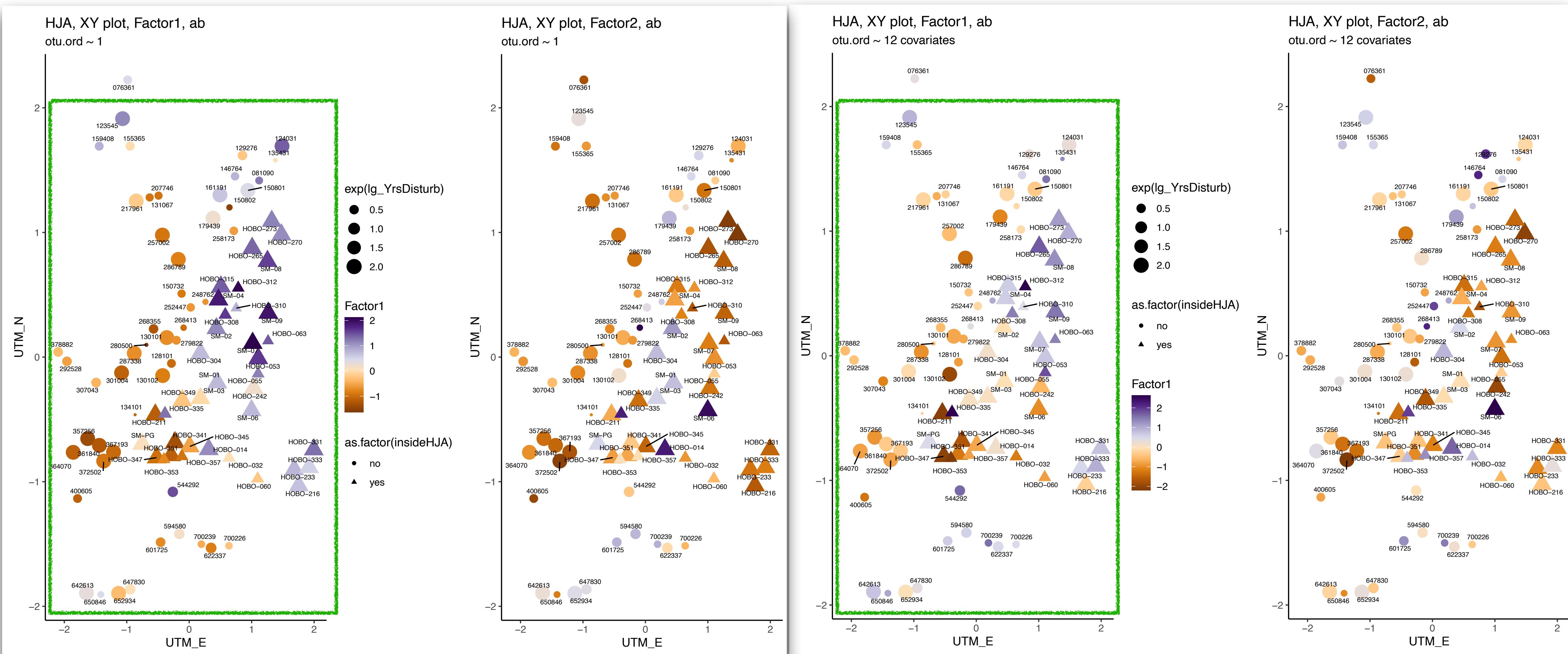
right: manyglm(otu.ord ~ be500 + NSS + B1_20180717 + B2_20180717 + B3_20180717 + B4_20180717 + B6_20180717 + B7_20180717 + NDVI_20180717 + g_DistRoad + mean.wet + l_p25 + offset(log(COISpike_sum)), family = "negative.binomial")



ecoCopula ordination: with 12 covariates, eastern and western sites less strongly differentiated

left: manyglm(otu.ord ~ 1 + offset(log(COISpike_sum)), family = "negative.binomial")

right: manyglm(otu.ord ~ be500 + NSS + B1_20180717 + B2_20180717 + B3_20180717 + B4_20180717 + B6_20180717 + B7_20180717 + NDVI_20180717 + g_DistRoad + mean.wet + l_p25 + offset(log(COISpike_sum)), family = "negative.binomial")



ecoCopula ordination: purple no longer seems to be correlated with elevation

left: OGSI map, with elevation

right: manyglm(otu.ord ~ be500 + NSS + B1_20180717 + B2_20180717 + B3_20180717 + B4_20180717 + B6_20180717 + B7_20180717 + NDVI_20180717 + g_DistRoad + mean.wet + L_p25 + offset(log(COISpike_sum)), family = "negative.binomial")

