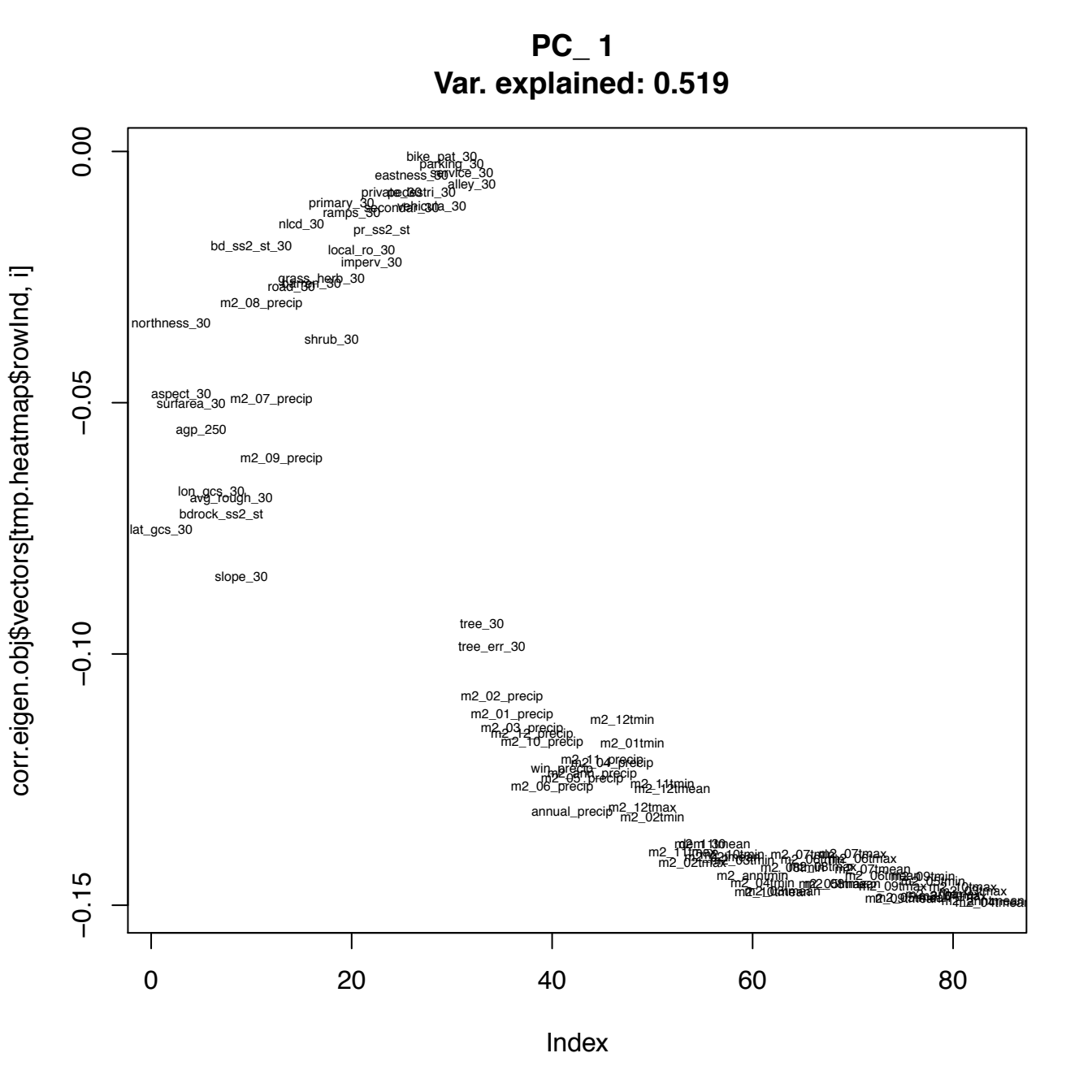
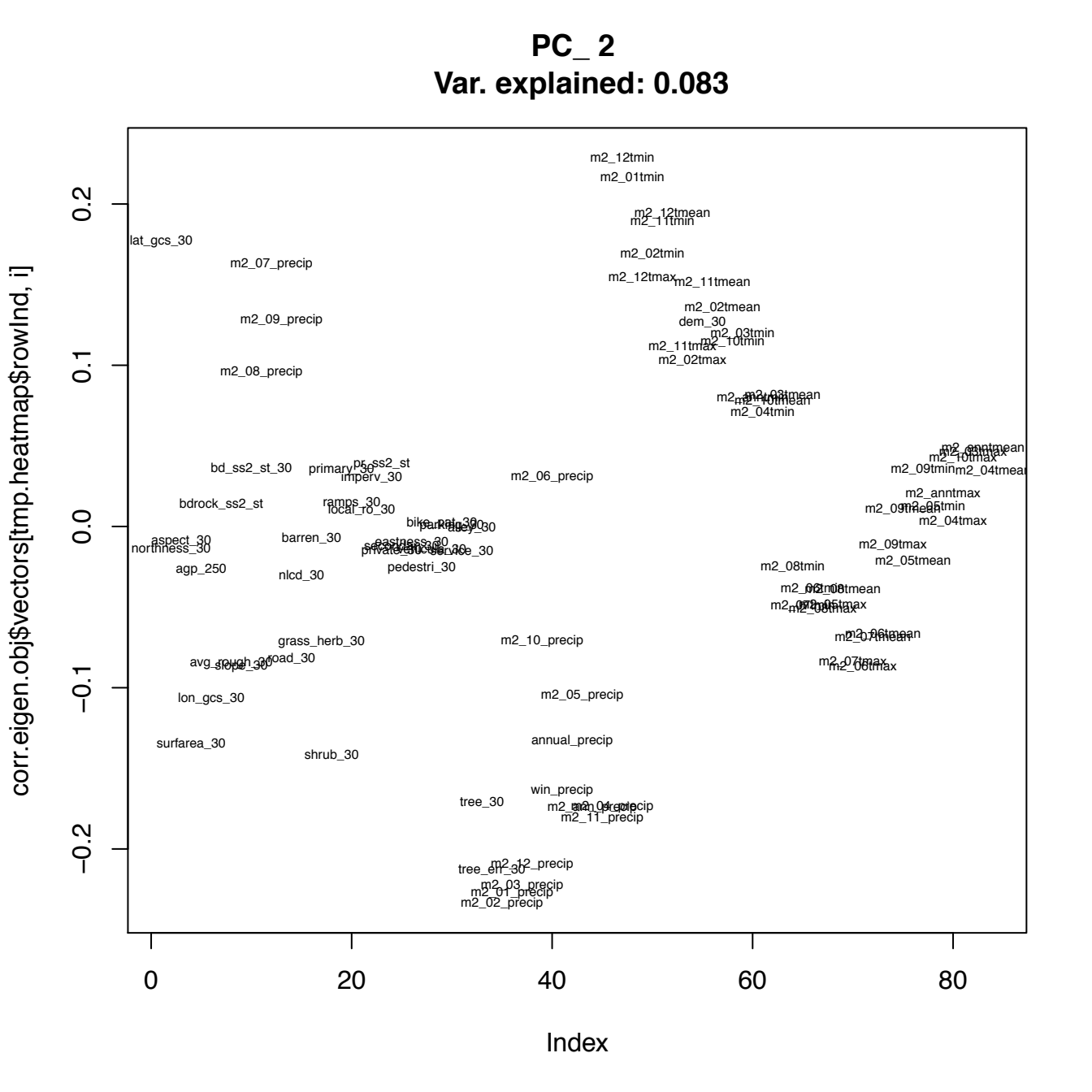
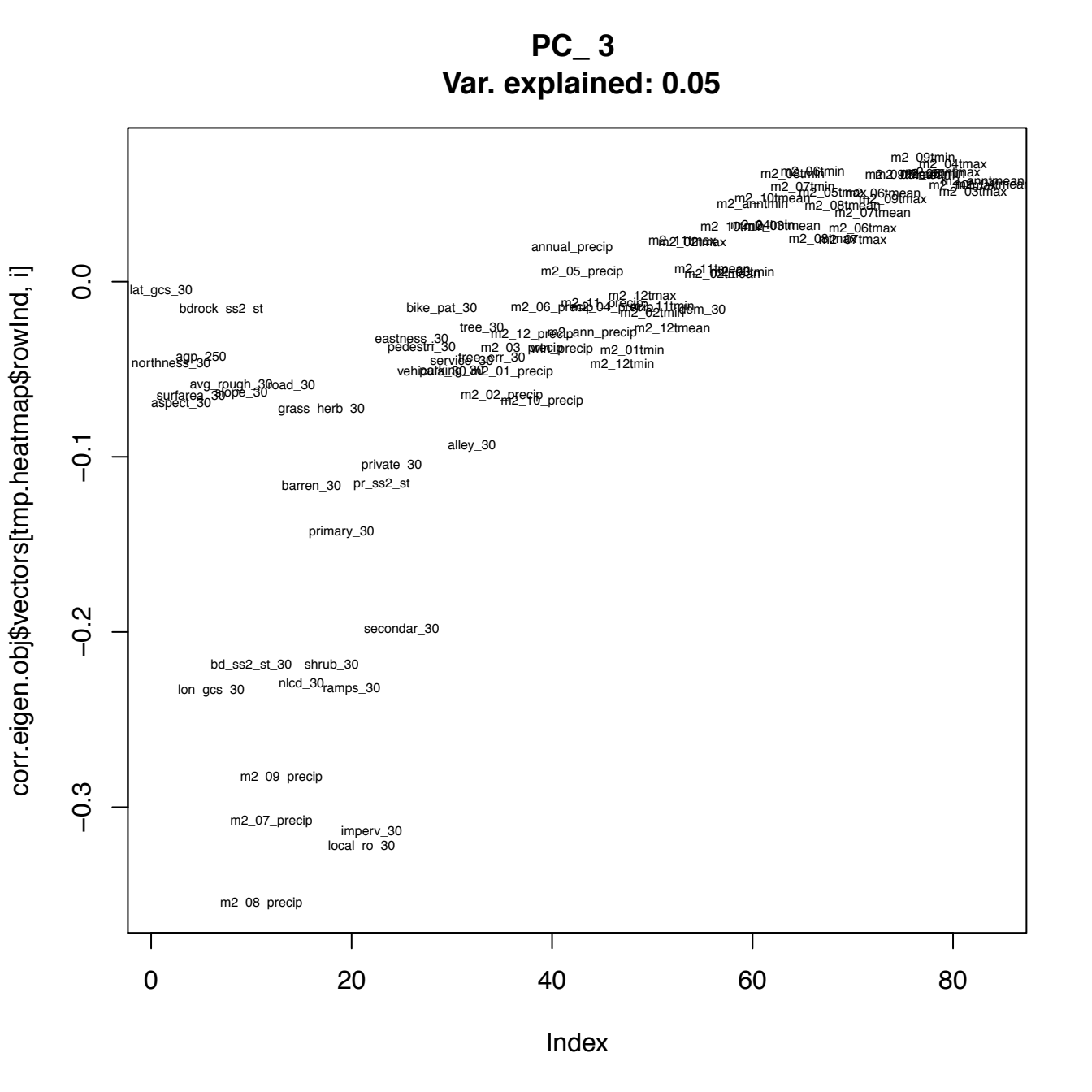
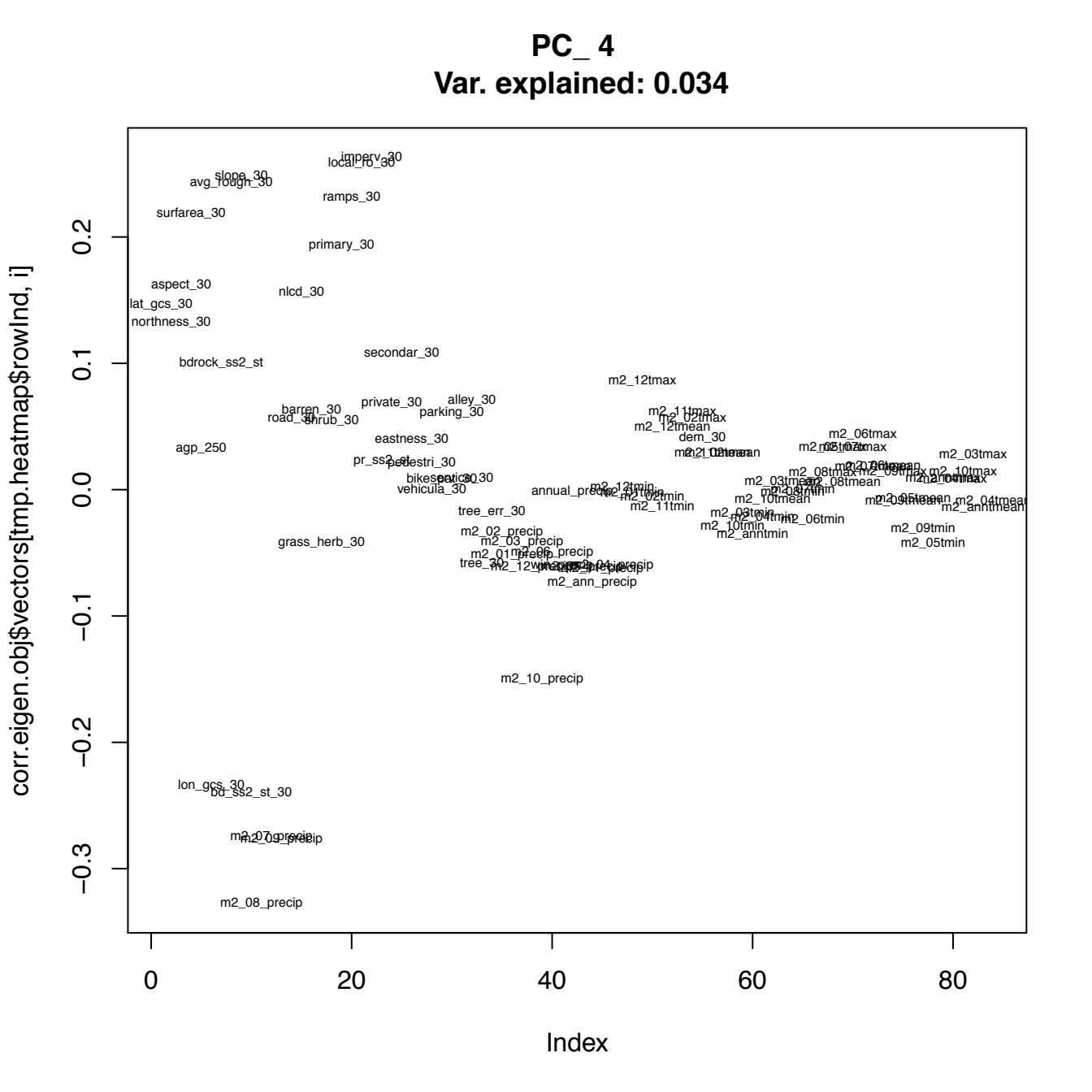
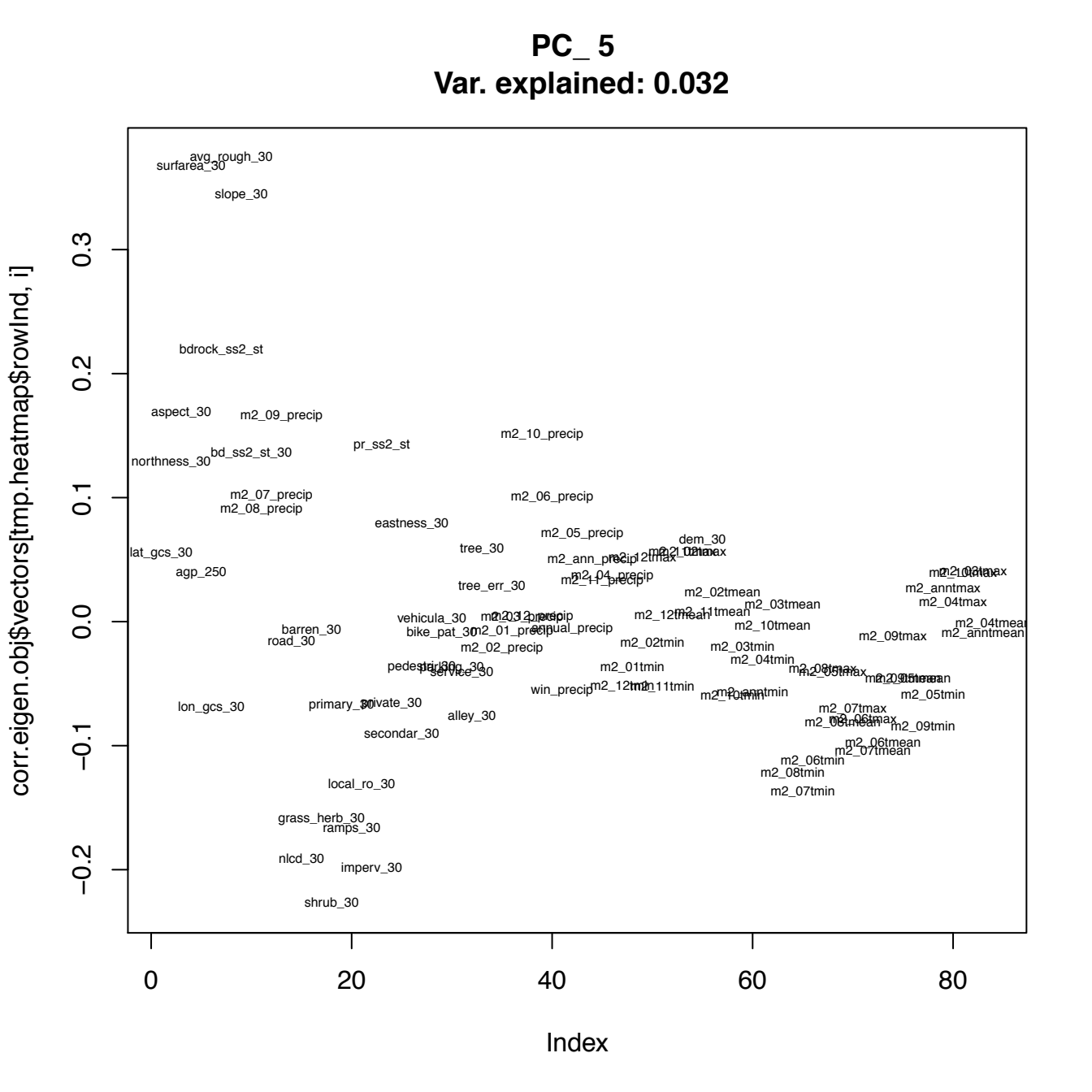
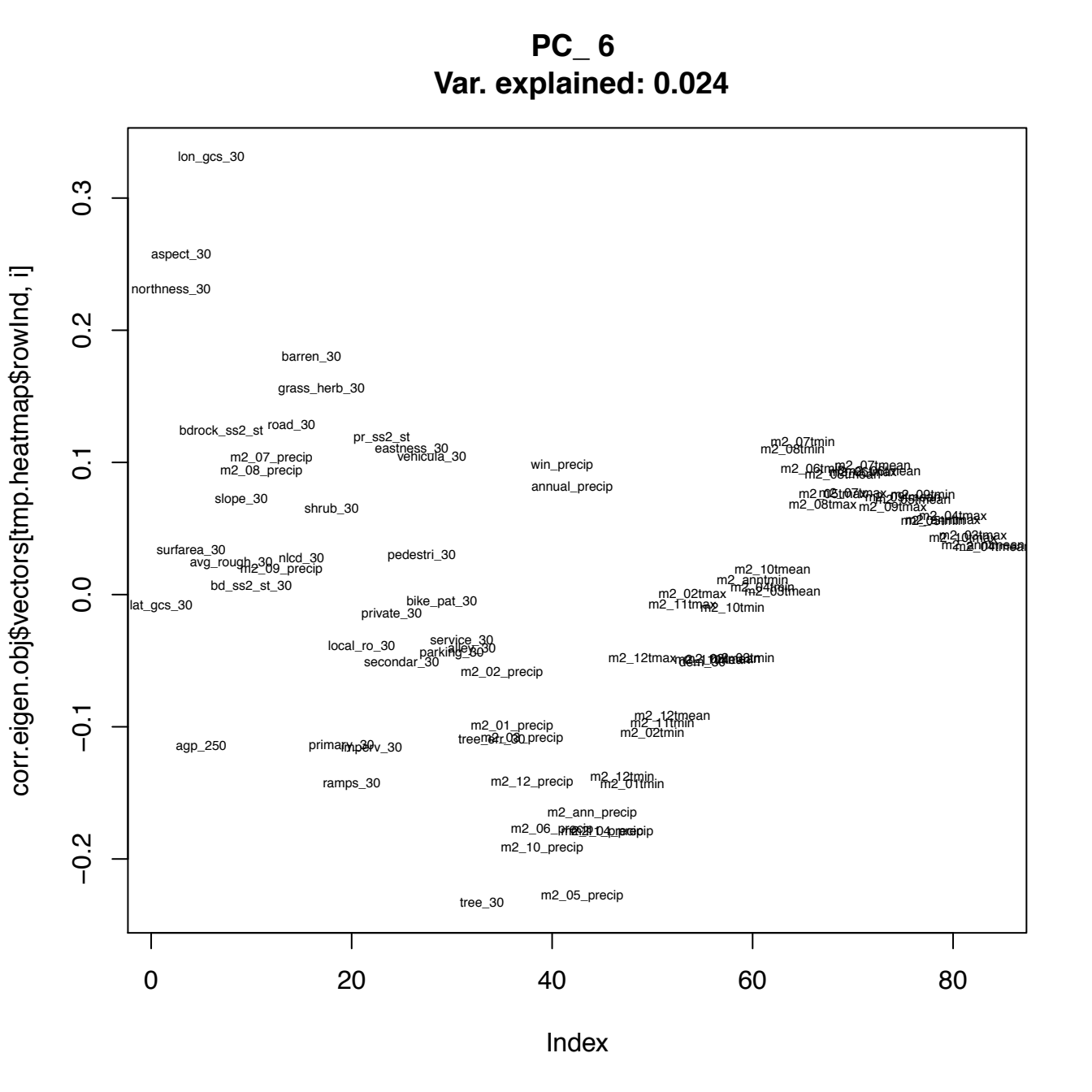

PC_ 1
Var. explained: 0.519
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.00
−0.05
−0.10
−0.15
0
20
40
60
80
bike_pat_30
parking_30
eastness_30
service_30
alley_30
primary_30
ramps_30
nlcd_30
pr_ss2_st
bd_ss2_st_30
local_ro_30
imperv_30
grass_herb_30
m2_08_precip
northness_30
shrub_30
aspect_30
surfarea_30
m2_07_precip
agp_250
m2_09_precip
lon_gcs_30
avg_rough_30
bdrock_ss2_st
lat_gcs_30
slope_30
tree_30
tree_err_30
m2_02_precip
m2_01_precip
m2_12tmin
m2_03_precip
m2_10_precip
m2_01tmin
m2_06_precip
m2_12tmean
annual_precip
m2_12tmax
m2_02tmin

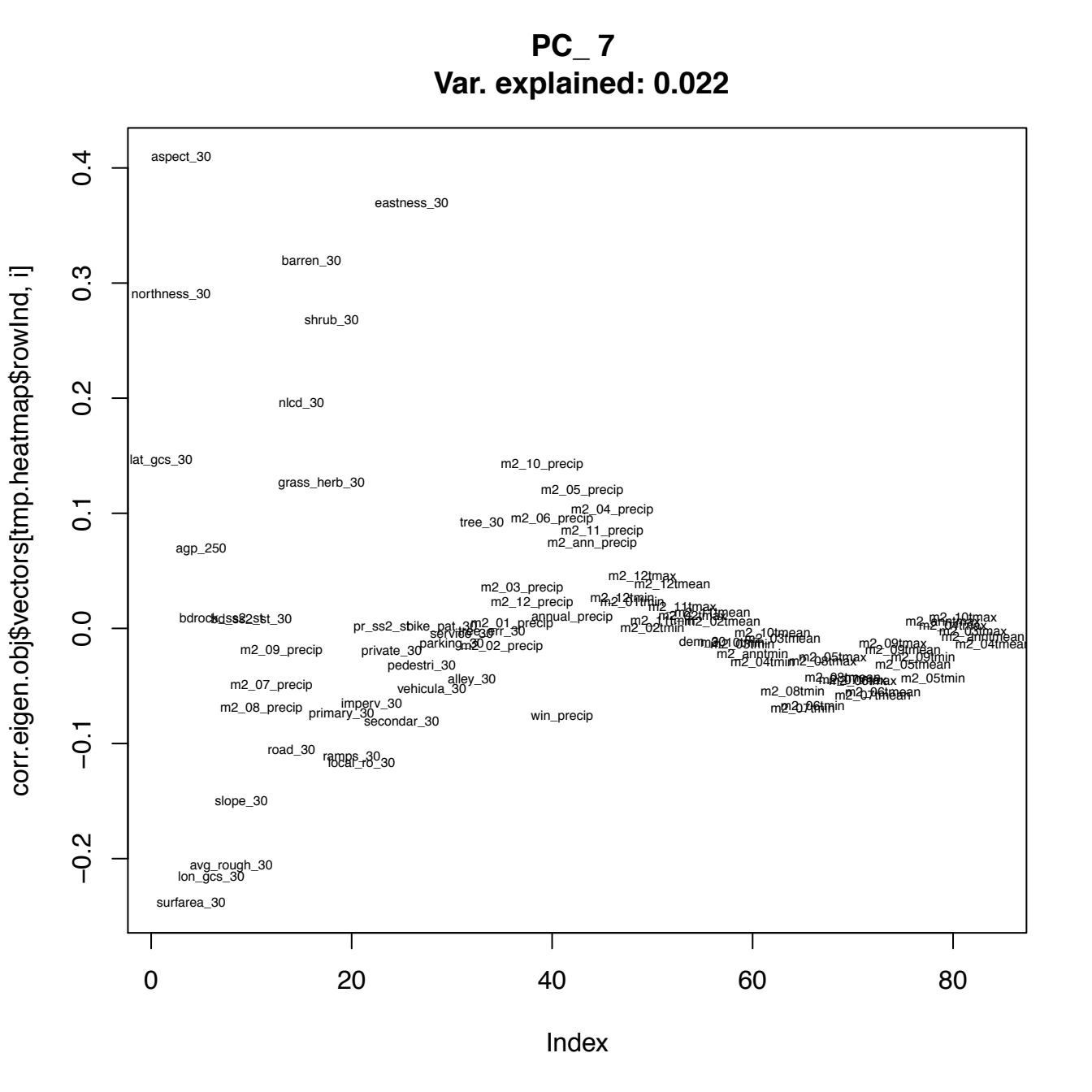

PC_ 2
Var. explained: 0.083
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.2
0.1
0.0
−0.1
−0.2
0
20
40
60
80
m2_12tmin
m2_01tmin
m2_12tmean
m2_11tmin
lat_gcs_30
m2_07_precip
m2_02tmin
m2_12tmax
m2_11tmean
m2_02tmean
dem_30
m2_09_precip
m2_03tmin
m2_10tmin
m2_11tmax
m2_02tmax
m2_08_precip
m2_04tmin
m2_09tmin
m2_04tmean
bd_ss2_st_30
primary_30
pr_ss2_st
imperv_30
m2_06_precip
m2_anntmax
bdrock_ss2_st
ramps_30
local_ro_30
m2_05tmin
m2_04tmax
aspect_30
barren_30
northness_30
m2_09tmax
m2_05tmean
agp_250
nlcd_30
pedestri_30
m2_08tmin
grass_herb_30
m2_10_precip
m2_07tmean
road_30
m2_07tmax
m2_06tmax
lon_gcs_30
m2_05_precip
surfarea_30
annual_precip
shrub_30
win_precip
tree_30
m2_11_precip
m2_12_precip
tree_en_30
m2_03_precip
m2_01_precip
m2_02_precip

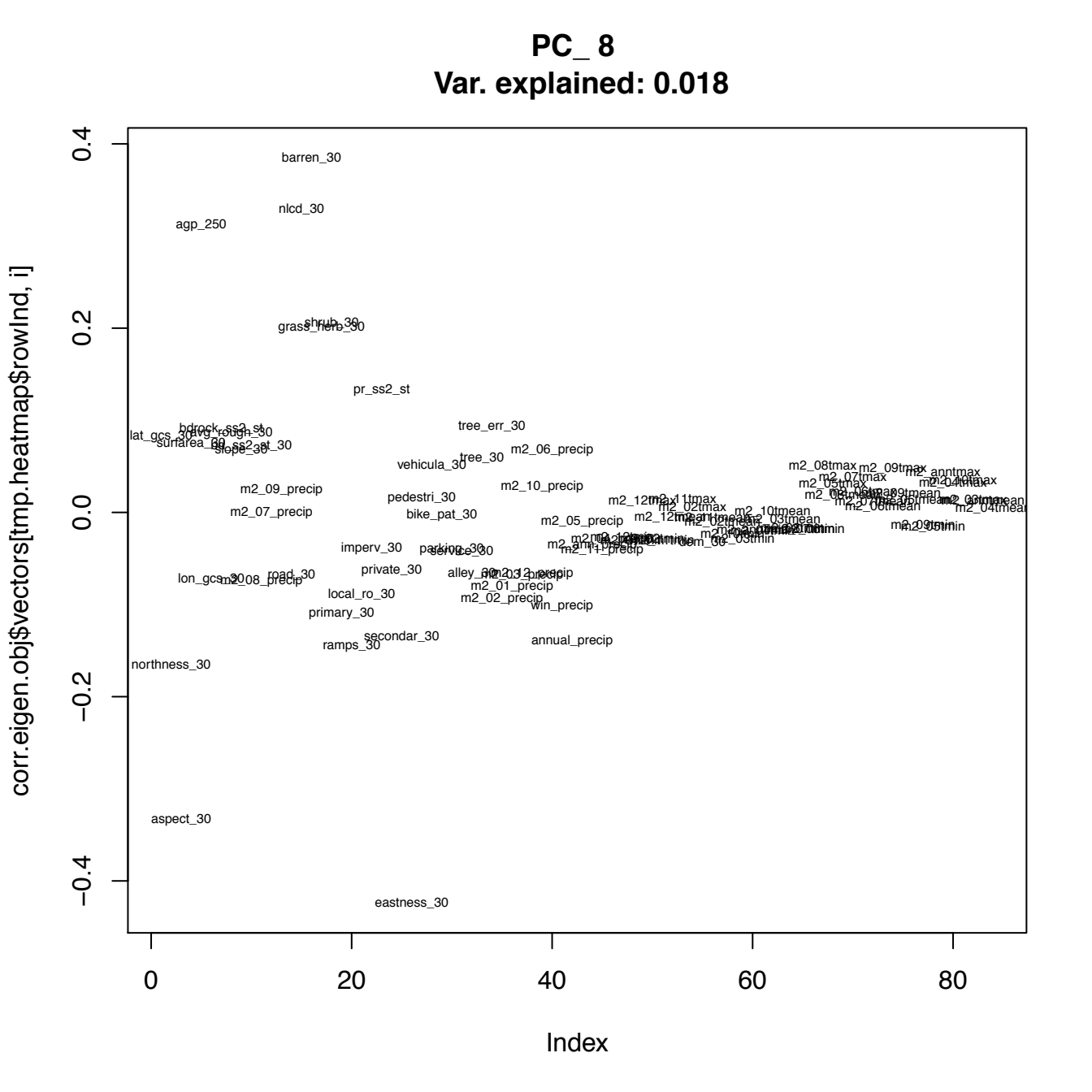

PC_ 3
Var. explained: 0.05
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.0
−0.1
−0.2
−0.3
0
20
40
60
80
m2_09tmin
m2_04tmax
m2_06tmin
m2_07tmin
m2_05tmax
m2_06tmean
m2_09tmax
m2_03tmax
m2_10tmean
m2_annmin
m2_08tmean
m2_07tmean
m2_06tmax
m2_07tmax
annual_precip
m2_05_precip
m2_11tmean
m2_12tmax
m2_12tmean
m2_01tmin
m2_12tmin
m2_01_precip
m2_02_precip
m2_10_precip
lat_gcs_30
bdrock_ss2_st
bike_pat_30
tree_30
eastness_30
pedestri_30
m2_03_precip
m2_ann_precip
northness_30
agp_250
avg_rough_30
road_30
surfarea_30
hope_30
aspect_30
grass_herb_30
alley_30
private_30
barren_30
pr_ss2_st
primary_30
secondar_30
bd_ss2_st_30
shrub_30
nlcd_30
ramps_30
lon_gcs_30
m2_09_precip
m2_07_precip
imperv_30
local_ro_30
m2_08_precip

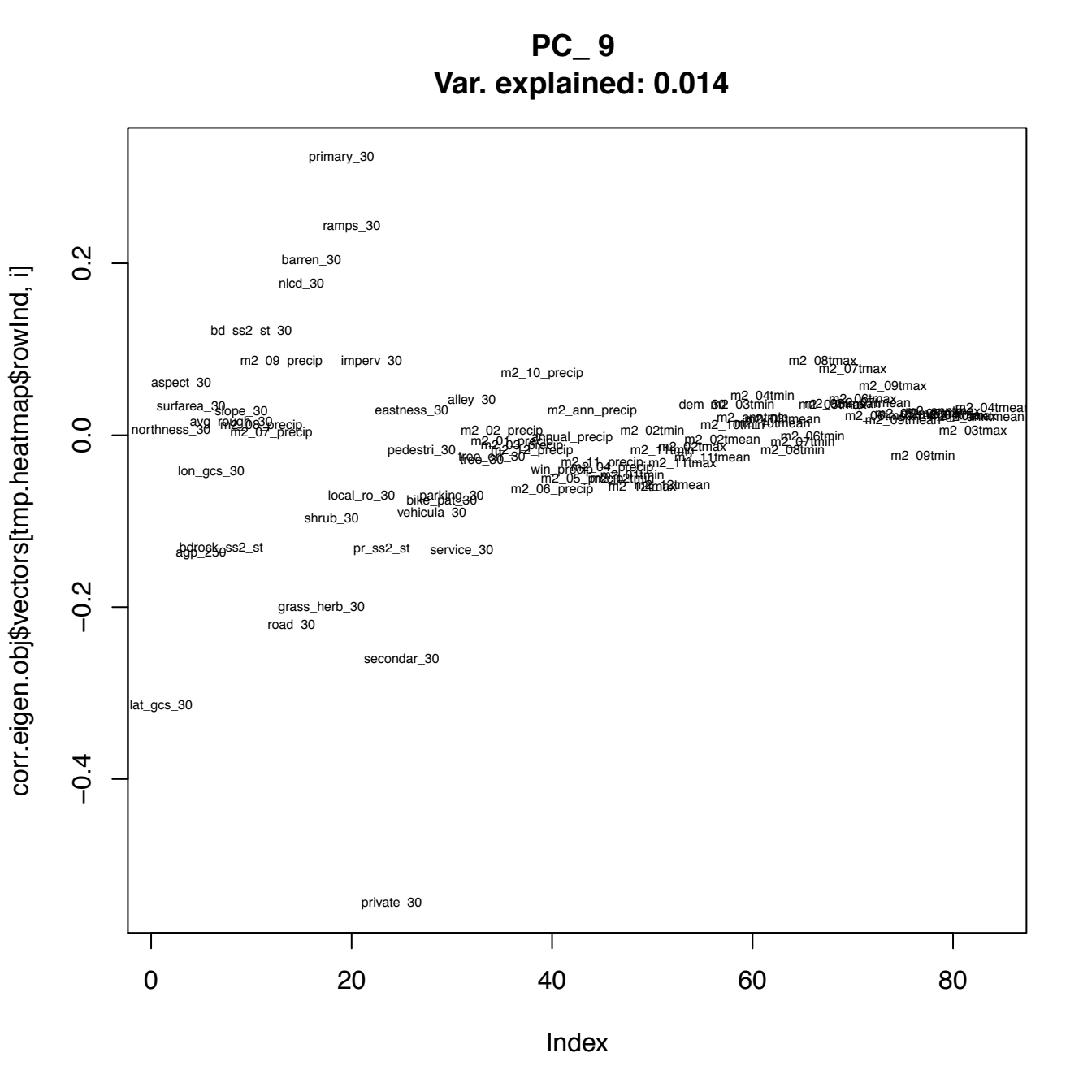

PC_ 4
Var. explained: 0.034
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.2
0.1
0.0
−0.1
−0.2
−0.3
0
20
40
60
80
imperv_30
local_ro_30
slope_30
avg_rough_30
ramps_30
surfarea_30
primary_30
aspect_30
nlcd_30
lat_gcs_30
northness_30
secondar_30
bdrock_ss2_st
m2_12tmax
private_30
alley_30
barren_30
parking_30
road_30
shrub_30
m2_11tmax
m2_02tmax
m2_12tmean
dem_30
eastness_30
agp_250
m2_06tmax
m2_03tmax
pr_ss2_st
pedestri_30
m2_08tmax
m2_10tmax
m2_03tmean
m2_08tmean
vehicula_30
annual_precip
m2_12tmin
m2_02tmin
m2_11tmin
m2_10tmean
m2_05tmean
m2_04tmean
m2_anntmean
tree_err_30
m2_03tmin
m2_04tmin
m2_06tmin
m2_10tmin
m2_anntmin
m2_09tmin
m2_05tmin
grass_herb_30
m2_02_precip
m2_03_precip
m2_01_precip
m2_06_precip
tree_30
m2_12_precip
m2_ann_precip
m2_10_precip
lon_gcs_30
bd_ss2_st_30
m2_07_precip
m2_09_precip
m2_08_precip

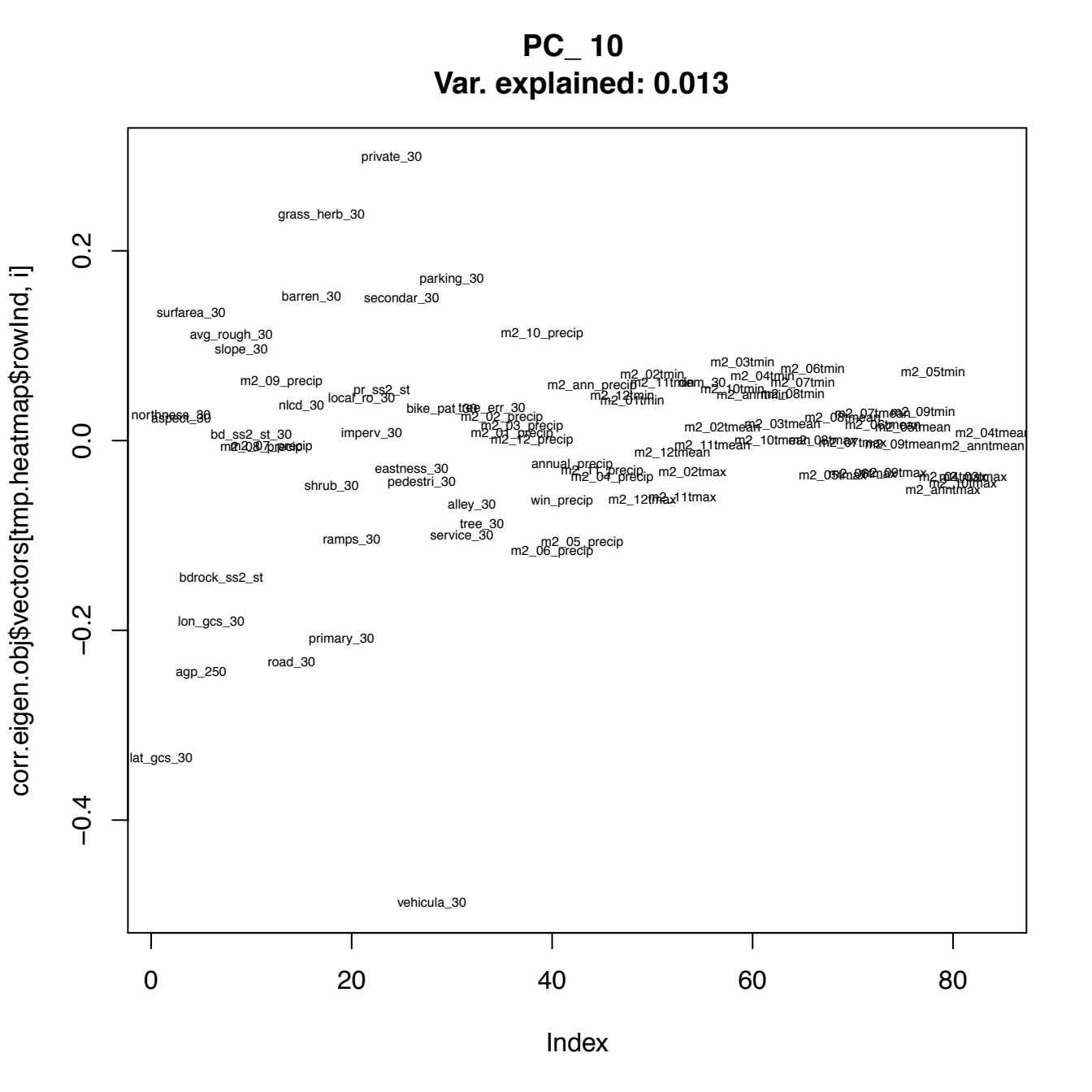

PC_ 5
Var. explained: 0.032
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.3
0.2
0.1
0.0
−0.1
−0.2
0
20
40
60
80
avg_rough_30
surfarea_30
slope_30
bdrock_ss2_st
aspect_30
m2_09_precip
m2_10_precip
pr_ss2_st
bd_ss2_st_30
northness_30
m2_07_precip
m2_08_precip
m2_06_precip
eastness_30
m2_05_precip
dem_30
lat_gcs_30
tree_30
agp_250
tree_err_30
m2_02tmean
m2_03tmean
m2_anntmax
m2_04tmax
m2_10tmean
m2_09tmax
m2_anntmean
vehicula_30
barren_30
road_30
bike_pat_30
m2_02_precip
m2_02tmin
m2_03tmin
m2_04tmin
m2_01tmin
m2_05tmin
lon_gcs_30
primary_30
private_30
alley_30
secondar_30
m2_07tmax
m2_09tmin
m2_06tmean
m2_07tmean
m2_06tmin
m2_08tmin
m2_07tmin
local_ro_30
grass_herb_30
ramps_30
nlcd_30
imperv_30
shrub_30


PC_ 6
Var. explained: 0.024
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.3
0.2
0.1
0.0
−0.1
−0.2
0
20
40
60
80
lon_gcs_30
aspect_30
northness_30
barren_30
grass_herb_30
bdrock_ss2_st
road_30
pr_ss2_st
eastness_30
vehicula_30
m2_07_precip
m2_08_precip
slope_30
shrub_30
surfarea_30
avg_rough_30
nlcd_30
m2_09_precip
bd_ss2_st_30
lat_gcs_30
pedestri_30
bike_pat_30
private_30
local_ro_30
service_30
alley_30
parking_30
secondar_30
m2_02_precip
agp_250
primary_30
imperv_30
ramps_30
m2_01_precip
tree_ctr_30
m2_12_precip
m2_12tmin
m2_01tmin
m2_ann_precip
m2_10_precip
tree_30
m2_05_precip
win_precip
annual_precip
m2_12tmax
m2_12tmean
m2_11tmin
m2_02tmin
m2_07tmin
m2_08tmin
m2_08tmax
m2_09tmax
m2_10tmean
m2_02tmax
m2_03tmean
m2_11tmax
m2_10tmin


PC_ 7
Var. explained: 0.022
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.4
0.3
0.2
0.1
0.0
−0.1
−0.2
0
20
40
60
80
aspect_30
eastness_30
barren_30
northness_30
shrub_30
nlcd_30
lat_gcs_30
grass_herb_30
agp_250
m2_10_precip
m2_05_precip
m2_04_precip
tree_30
m2_06_precip
m2_11_precip
m2_ann_precip
m2_12tmax
m2_12tmean
m2_03_precip
m2_12_precip
annual_precip
m2_02tmin
m2_09_precip
private_30
m2_02_precip
pedestri_30
m2_07_precip
alley_30
vehicula_30
m2_08_precip
imperv_30
primary_30
secondar_30
win_precip
road_30
ramps_30
local_r0_30
slope_30
avg_rough_30
lon_gcs_30
surfarea_30


PC_ 8
Var. explained: 0.018
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.4
0.2
0.0
−0.2
−0.4
0
20
40
60
80
barren_30
nlcd_30
agp_250
grass_herb_30
shrub_30
pr_ss2_st
tree_err_30
tree_30
m2_06_precip
vehicula_30
m2_09_precip
pedestri_30
m2_10_precip
m2_07_precip
bike_pat_30
m2_05_precip
imperv_30
parking_30
service_30
m2_11_precip
private_30
road_30
lon_gcs_30
m2_08_precip
alley_30
m2_12_precip
m2_01_precip
local_ro_30
m2_02_precip
win_precip
primary_30
secondar_30
annual_precip
ramps_30
northness_30
aspect_30
eastness_30


PC_ 9
Var. explained: 0.014
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.2
0.0
−0.2
−0.4
0
20
40
60
80
primary_30
ramps_30
barren_30
nlcd_30
bd_ss2_st_30
m2_09_precip
imperv_30
m2_10_precip
m2_08tmax
m2_07tmax
aspect_30
m2_09tmax
alley_30
surfarea_30
slope_30
eastness_30
m2_ann_precip
dem_m2
m2_04tmin
m2_03tmin
m2_04tmean
northness_30
m2_07_precip
m2_02_precip
m2_02tmin
m2_09tmean
m2_03tmax
pedestri_30
m2_02tmean
m2_06tmin
m2_08tmin
m2_09tmin
lon_gcs_30
m2_11tmax
local_ro_30
parking_30
m2_06_precip
bike_pat_30
vehicula_30
shrub_30
bdrock_ss2_st
agp_250
pr_ss2_st
service_30
grass_herb_30
road_30
secondar_30
lat_gcs_30
private_30


PC_ 10
Var. explained: 0.013
corr.eigen.obj$vectors[tmp.heatmap$rowInd, i]
Index
0.2
0.0
−0.2
−0.4
0
20
40
60
80
private_30
grass_herb_30
parking_30
barren_30
secondar_30
surfarea_30
avg_rough_30
slope_30
m2_10_precip
m2_03tmin
m2_06tmin
m2_05tmin
m2_09_precip
m2_02tmin
m2_04tmin
m2_07tmin
m2_ann_precip
pr_ss2_st
local_ro_30
nlcd_30
bike_pat_tot
m2_01tmin
m2_08tmin
m2_09tmin
northness_30
aspect_30
m2_02_precip
m2_03_precip
m2_03tmean
m2_04tmean
bd_ss2_st_30
imperv_30
m2_01_precip
m2_12_precip
m2_02tmean
m2_11tmean
m2_10tmean
m2_09tmean
m2_anntmean
m2_12tmean
annual_precip
eastness_30
m2_04_precip
m2_02tmax
shrub_30
pedestri_30
m2_anntmax
alley_30
win_precip
m2_12tmax
m2_11tmax
tree_30
ramps_30
service_30
m2_05_precip
m2_06_precip
bdrock_ss2_st
lon_gcs_30
primary_30
road_30
agp_250
lat_gcs_30
vehicula_30