deformed wing virus
varroa destructor virus
honeybee slow paralysis virus
black queen cell virus
-10 -5 0 5 10
-8 -6 -4 -2
-8 -6 -4 -2
10 6 2 -2
10 5 0 -5
-2 -4 -6 -8 -10
variance
0 10 20 30 40 50
PC1 PC2 PC3 PC4