Figure 1. Map showing urban clusters and high-density urban clusters in the capital region. HDCs: Cells with minimum 1,500 (1,500 included) inhabitants per 1 km2. UCs: Cells with minimum 300, maximum 1,500 (1,500 excluded) inhabitants per 1 km2. As seen in this image, the CR is quite dense radially starting from Helsinki, up to the Ring Road III and sub-centers are quite difficult to distinguish. Beyond the Ring Road III, train tracks are the decisive factor for the sub-centers in Vantaa and it is rather easier to distinguish 6 spatially connected sub-centers: Kivistö, Myyrmäki, Vantaanportti-Aviapolis, Korso, Koivukylä and Tikkurila.

Figure 2. Heatmap showing the density of workplaces in the whole capital region. As seen in the image, central Helsinki is the dominant workplace location within the CR. Tikkurila and Vantaanportti-Aviapolis are the leading sub-centers in Vantaa.

Figure 3. Heatmap showing the density of knowledge-intensive businesses in the whole capital region. Even though knowledge-intensive businesses spread around the CR, mainly within Ring Road III, central Helsinki is the uncontested center. Tikkurila, Vantaanportti-Aviapolis, Martinlaakso and Myyrmäki are the leading sub-centers in Vantaa.

Figure 4. Heatmap showing the density of manufacturing businesses in the whole capital region. Manufacturing businesses display a rather dispersed location choice. Even though the largest spatial cluster is still in central Helsinki, competitive centers are to be found in other locations, a well. Petikko, Kolohonka and Vantaanportti-Aviapolis are the leading centers in Vantaa.

Figure 5. Heatmap showing the density of social services clusters such as cafes, bar, cultural centers, libraries, citizen information centers, etc. in the whole capital region. Central Helsinki is the uncontested center when it comes to social services provision. In Vantaa, Tikkurila, Korso, Koivukylä, Vantaanportti-Aviapolis and Myyrmäki are the leading sub-centers which are not competitive with central Helsinki at all.

Figure 6. Map showing the HDCs and UCs together with the workplaces and social services clustering in Vantaa. Korso, Koivukyla, Vantaanportti-Aviapolis, Tikkurila and Myyrmäki are the leading sub-centers in Vantaa. Kivistö seems to be quite homogenously residential.

Possible:

Table 1. Kcnlwnvöebmrmnlörmnlrömnrlön.

Table 2. lnvvbnfklbvndfkbnmfbnkflb.