



**Figure S2** Mean intensities of PCs12-20. NFBC1966 regions are marked on all plots: WL– WestLapland, CL–Central Lapland, EL– EastLapland, K–Kainuu, NO–NorthOulu SO–SouthOulu. Four areas, two central and the two northernmost are not assigned to any NFBC1966 region. Only towns with more than ten parents are shown.