## normalized profiles $\hat{x}$ .(d) 1.00 bldg brazzavillebamako (pop 1.3M)-(pop 2.0M) pop 0.75 lum (<del>Q</del>) 0.50 0.25 0.00 1.00 shanghai paris pop 22.5M) pop 2.5M) 0.75 (<del>0</del>) 0.50 0.25 0.00 20 40 20 40 d [km] d [km]