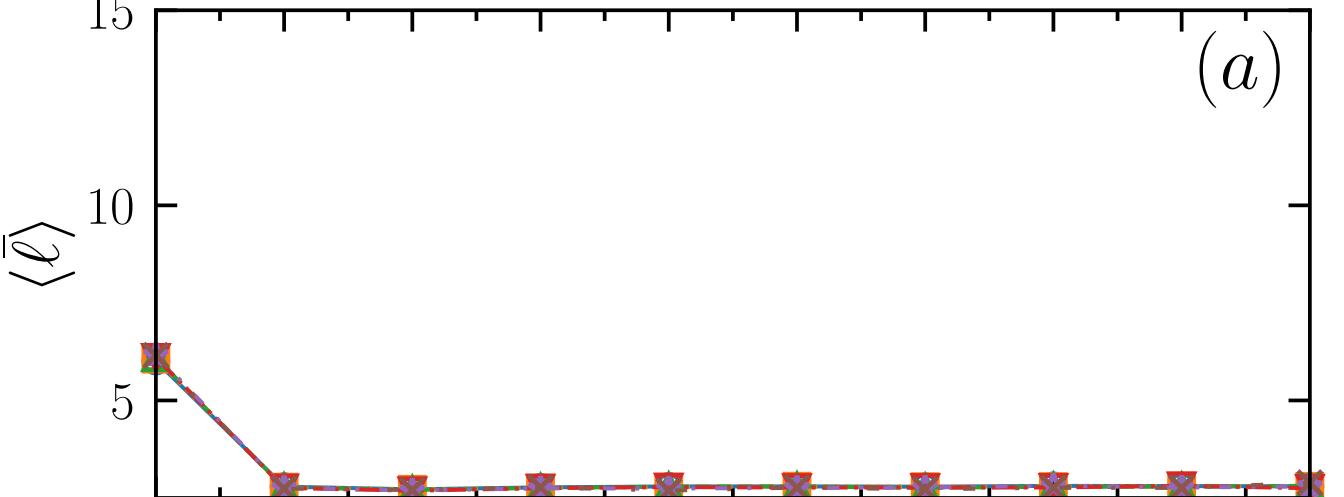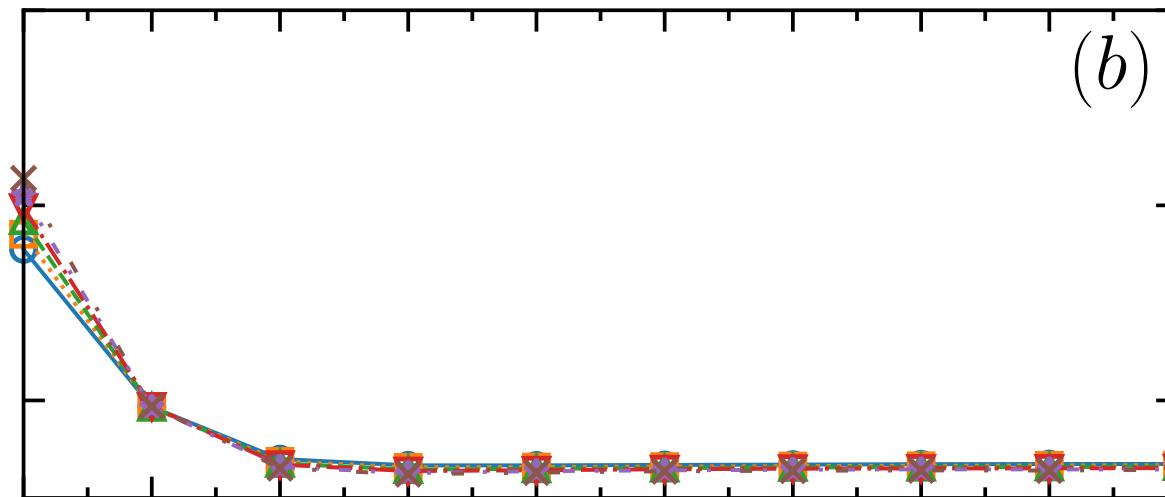Average length of the shortest $(\langle \ell \rangle)$ paths for networks with $m_0 = 2$, Dijstrika