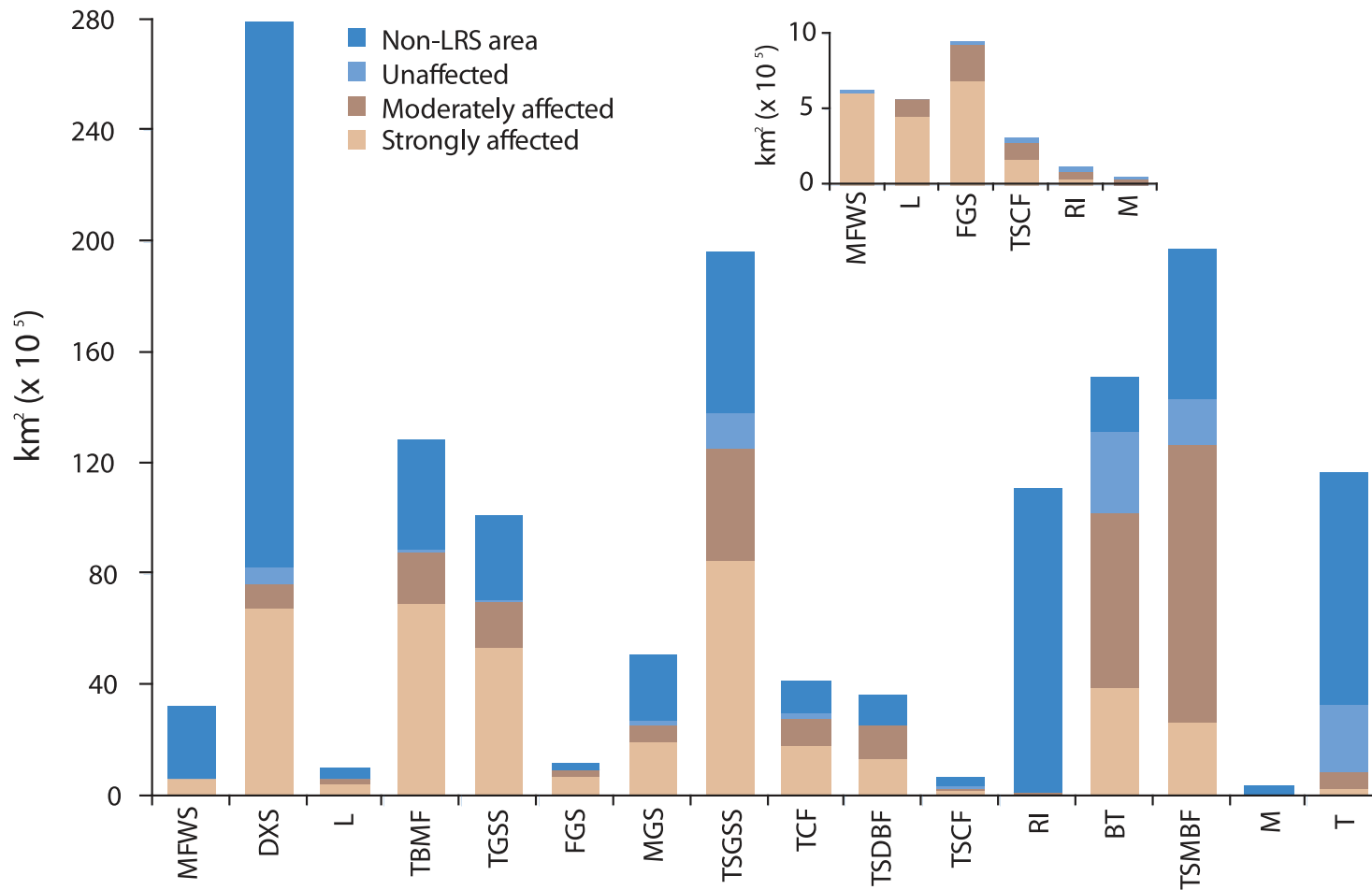


Figure 5.4: Fragmentation and flow regulation by biome type



Note: The figure represents the distribution of surface area within each of the world's sixteen terrestrial biomes as belonging to unaffected, moderately affected or strongly affected LRSs. Biomes are listed in descending order from left to right by proportion of strongly affected area within LRS-covered area; the inset presents increased resolution of impact class distribution for six biomes with little LRS-covered area. MFWS = Mediterranean forests, woodlands and scrub; DXS = desert xeric shrubs; L = lakes; TBMF = temperate broadleaf mixed forests; TGSS = temperate grasslands, savannahs and shrublands; FGS = flooded grasslands and savannahs; MGS = montane grasslands and shrublands; TSGSS = tropical and subtropical grasslands, savannahs and shrublands; TCF = temperate conifer forests; TSDBF = tropical and subtropical dry broadleaf forests; TSCF = tropical and subtropical coniferous forests; RI = rock and ice; BT = boreal forests/taiga; TSMBF = tropical and subtropical moist broadleaf forests; M = mangroves; T = tundra. Grey colour represents non-LRS area, including potential LRSs in Indonesia and Malaysia that were not assessed because of lack of data. Source: Nilsson et al., 2005.