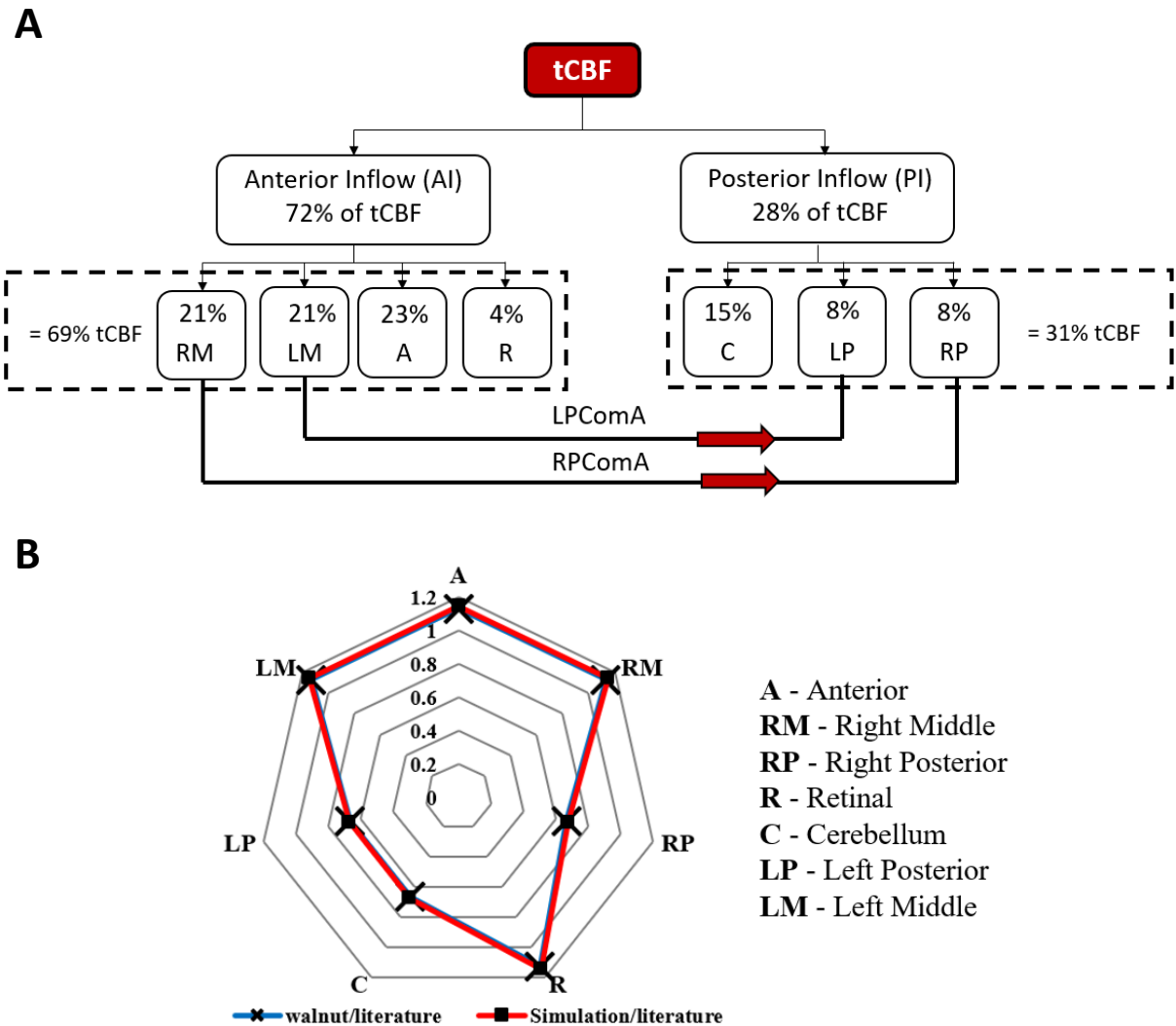


Figure S2: Expected regional flows as a percentage of total Cerebral Blood Flow and radar chart of regional flow.



(A) Expected regional flows as a percentage of total Cerebral Blood Flow (tCBF) based on distribution of tCBF. Means for the distribution of tCBF (in percentage) are denoted for each cerebral artery based on a study by Zarrinkoob et. al of measured subject cerebral bloodflows ($n = 94$). **(B)** Radar chart of regional flow distribution expected from walnut and after application of Murray's law ($n = 2.33$) in a steady-state simulation on Case 1 geometry, relative to literature values.