

Other applications of Hodge decomp.

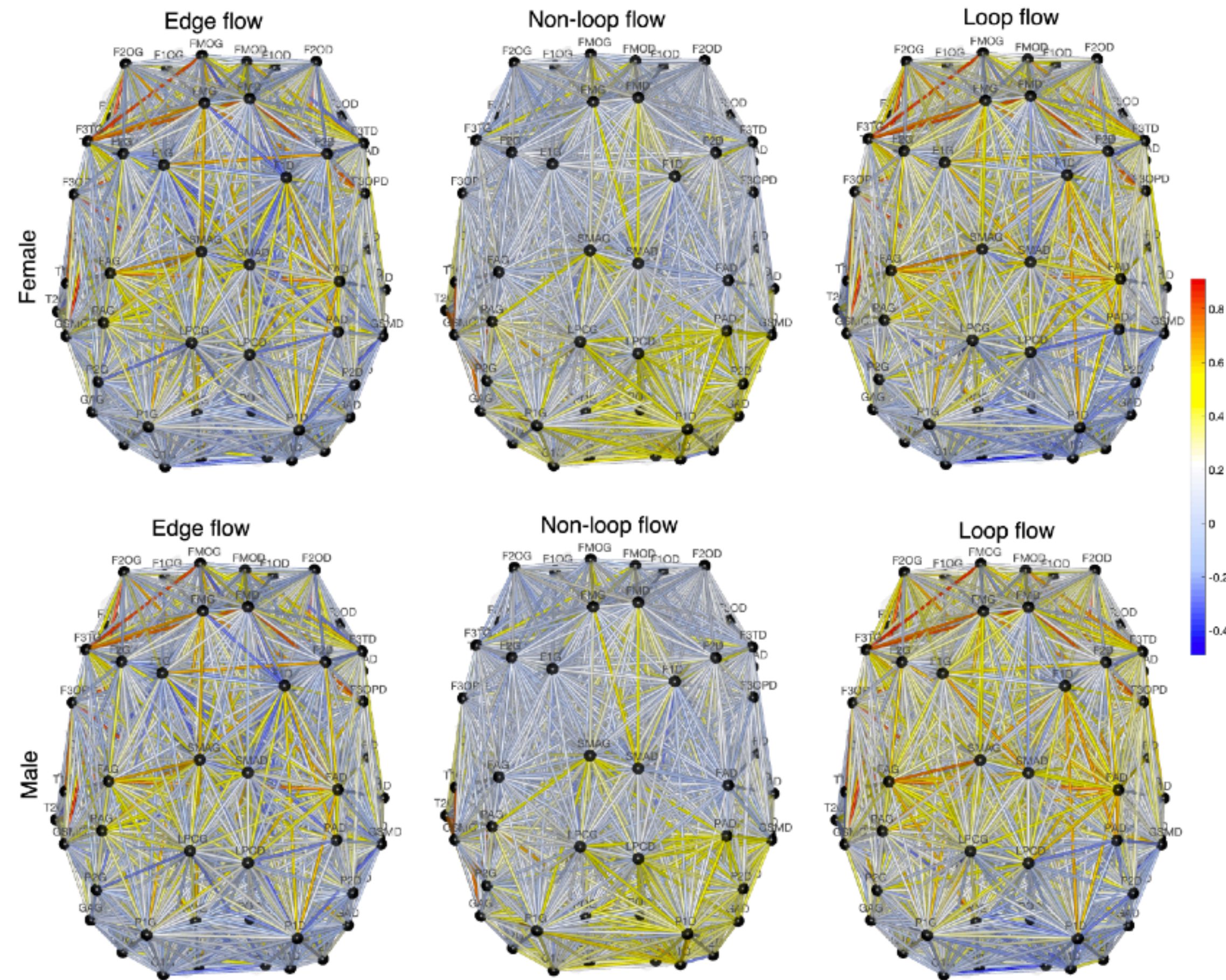


Fig. 14: Top: The average connectivity (edge flow), non-loop flow (middle) and the loop flow (right) of the female (top) and male networks (bottom).

- Brain networks (Anand et al. 2022)

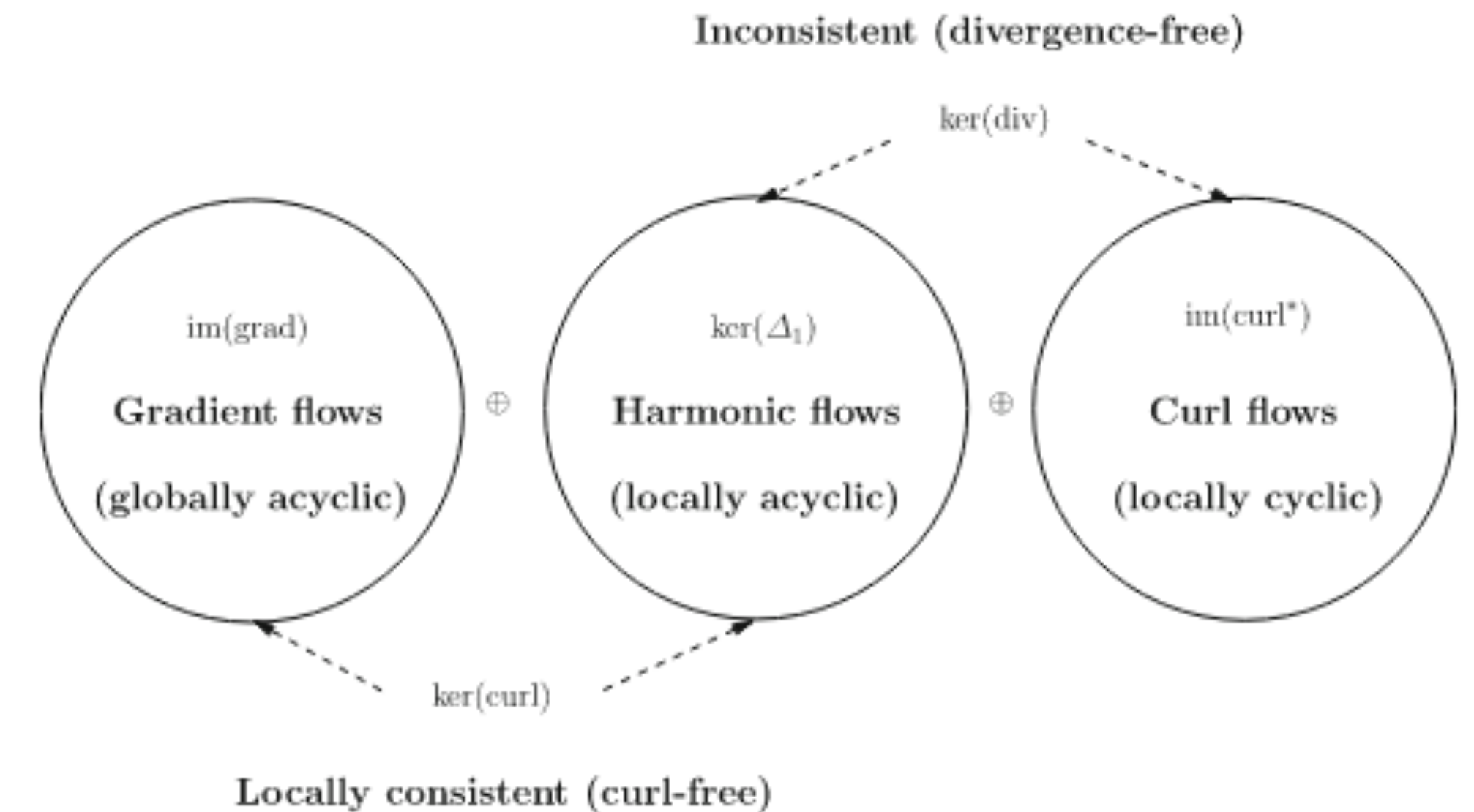


Fig. 2 Hodge/Helmholtz decomposition of pairwise rankings

- Ranking problems (Jiang et al. 2011)
- Condorcet paradox: cyclic