

Highlights Review

- We study network robustness in resting state functional connectivity networks
- We apply analytic measures of network communication efficiency in the human brain
- We find that young individuals are more resilient than old ones to random lesioning of brain areas
- We find more idiosyncratic responses to specific brain network lesioning in elder compared to young subjects
- The lesioning of central and limbic structures in young subjects yield a larger efficiency loss than in older individuals