## S3 Table. Efficiency-based hub regions with global signal regression

S3.1 Table. Hub regions in IMF1 component.

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| Regions | Class | Nodal global efficiency (AUC) |
| IPL.L | Association (Heteromodal) | 0.0316 |
| SFGmed.L | Association | 0.0308 |
| STG.L | Association (Heteromodal) | 0.0307 |
| IPL.R | Association (Heteromodal) | 0.0304 |
| INS.R | Paralimbic | 0.0300 |
| STG.R | Association (Heteromodal) | 0.0300 |
| ANG.L | Association (Heteromodal) | 0.0298 |
| ORBsupmed.L | Paralimbic | 0.0297 |
| TPOsup.L | Paralimbic | 0.0297 |
| SPG.L | Association (Heteromodal) | 0.0297 |
| SFGmed.R | Association | 0.0296 |
| TPOsup.R | Paralimbic | 0.0296 |
| PoCG.L | Primary | 0.0295 |
| IFGtriang.L | Association (Heteromodal) | 0.0295 |
| IFGoperc.L | Association | 0.0294 |
| PoCG.R | Primary | 0.0291 |

S3.2 Table. Hub regions in IMF2 component.

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| Regions | Class | Nodal global efficiency (AUC) |
| INS.R | Paralimbic | 0.0471 |
| ORBsupmed.L | Paralimbic | 0.0465 |
| STG.L | Association (Heteromodal) | 0.0461 |
| ORBsupmed.R | Paralimbic | 0.0460 |
| STG.R | Association (Heteromodal) | 0.0450 |
| INS.L | Paralimbic | 0.0446 |
| TPOsup.R | Paralimbic | 0.0445 |
| SFGmed.L | Association | 0.0443 |
| REC.L | Paralimbic | 0.0443 |
| SMG.R | Association (Heteromodal) | 0.0439 |
| IPL.R | Association (Heteromodal) | 0.0439 |
| REC.R | Paralimbic | 0.0438 |
| TPOsup.L | Paralimbic | 0.0436 |
| ACG.L | Paralimbic | 0.0435 |
| IPL.L | Association (Heteromodal) | 0.0433 |
| SFGmed.R | Association | 0.0432 |

S3.3 Table. Hub regions in IMF3 component.

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| Regions | Class | Nodal global efficiency (AUC) |
| ORBsupmed.L | Paralimbic | 0.0540 |
| INS.R | Paralimbic | 0.0534 |
| ORBsupmed.R | Paralimbic | 0.0533 |
| STG.L | Association (Heteromodal) | 0.0526 |
| INS.L | Paralimbic | 0.0516 |
| REC.L | Paralimbic | 0.0516 |
| REC.R | Paralimbic | 0.0516 |
| TPOsup.R | Paralimbic | 0.0513 |
| SFGmed.L | Association | 0.0512 |
| STG.R | Association (Heteromodal) | 0.0509 |
| SMG.R | Association (Heteromodal) | 0.0508 |
| PCG.L | Paralimbic | 0.0505 |

S3.4 Table. Hub regions in IMF4 component.

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| Regions | Class | Nodal global efficiency (AUC) |
| INS.R | Paralimbic | 0.0606 |
| STG.L | Association (Heteromodal) | 0.0590 |
| ORBsupmed.L | Paralimbic | 0.0588 |
| TPOsup.R | Paralimbic | 0.0582 |
| INS.L | Paralimbic | 0.0580 |
| SMG.R | Association (Heteromodal) | 0.0577 |
| STG.R | Association (Heteromodal) | 0.0574 |
| ORBsupmed.R | Paralimbic | 0.0568 |
| PHG.R | Paralimbic | 0.0567 |
| REC.L | Paralimbic | 0.0565 |
| REC.R | Paralimbic | 0.0564 |
| TPOsup.L | Paralimbic | 0.0559 |
| PHG.L | Paralimbic | 0.0556 |
| PCG.L | Paralimbic | 0.0555 |
| PoCG.R | Primary | 0.0554 |

S3.5 Table. Hub regions in IMF5 component.

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| Regions | Class | Nodal global efficiency (AUC) |
| INS.R | Paralimbic | 0.0677 |
| INS.L | Paralimbic | 0.0666 |
| STG.L | Association (Heteromodal) | 0.0648 |
| TPOsup.R | Paralimbic | 0.0644 |
| STG.R | Association (Heteromodal) | 0.0639 |
| SMG.R | Association (Heteromodal) | 0.0629 |
| ORBsupmed.L | Paralimbic | 0.0628 |
| TPOsup.L | Paralimbic | 0.0616 |
| REC.L | Paralimbic | 0.0614 |
| PHG.R | Paralimbic | 0.0611 |
| ORBsupmed.R | Paralimbic | 0.0607 |
| REC.R | Paralimbic | 0.0605 |
| SMG.L | Association (Heteromodal) | 0.0602 |
| ROL.R | Association | 0.0602 |

The frequency-specific brain networks for each participants were constructed using an AAL template. The hub regions based on regional efficiency were identified if was at least 1 SD greater than the mean  of the network. The hubs were then sorted by the corresponding AUC values in each IMF. The cortical regions were classified as primary, association, and paralimbic.