|  |  |  |
| --- | --- | --- |
| Type of research question | Global factor scores | Partial factor scores |
| Group comparison or individual differences | Average ROI connectivity across groups or across the entire sample | ROI connectivity per group  or individual |
| Deep phenotyping | Average ROI connectivity across sessions | ROI connectivity per session |
| Task/condition differences | Average ROI connectivity across tasks/conditions | ROI connectivity  per task/condition |
| Multimodal neuroimaging | Average ROI connectivity across neuroimaging modalities | ROI connectivity  per neuroimaging modality |
| Temporal profiling of network structure (e.g., dynamic functional connectivity) | Average ROI connectivity across time within scanning session (e.g., across sliding windows) | ROI connectivity per time chunk (e.g. per window) |