

prepare_subcort
subject: 100610

cifti_separate
subject: 100610

create_dtseries

extract_confounds
subject: 100610

clean_tseries

parcellate_tseries

compute_correlation

combine_correlation

spectral_clustering

all

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graph TD; A[prepare_subcort<br/>subject: 100610] --> C[create_dtseries]; B[cifti_separate<br/>subject: 100610] --> C; C --> E[clean_tseries]; D[extract_confounds<br/>subject: 100610] --> E; E --> F[parcellate_tseries]; E --> G[compute_correlation]; F --> G; G --> H[combine_correlation]; H --> I[spectral_clustering]; I --> J[all];
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The flowchart illustrates a sequential data processing pipeline. It begins with two parallel input steps: 'prepare_subcort subject: 100610' (red border) and 'cifti_separate subject: 100610' (blue border). Both lead to 'create_dtseries' (orange border). This step, along with 'extract_confounds subject: 100610' (green border), feeds into 'clean_tseries' (teal border). From 'clean_tseries', the flow splits to 'parcellate_tseries' (yellow-green border) and 'compute_correlation' (green border). 'parcellate_tseries' also feeds into 'compute_correlation'. The sequence then continues linearly through 'combine_correlation' (light green border), 'spectral_clustering' (yellow-orange border), and finally ends at 'all' (light blue border).