

Coord2Region Workflow & Integrations

1 INPUTS

MNI / Talairach
coordinate
(x,y,z)

[20 -12 10]

Single mode

[20 -12 10
38 -48 49]

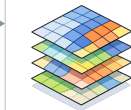
Batch mode

Region name(s)

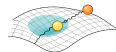
Harvard-Oxford
Atlas

Central Opercular
Cortex

2 Atlas-based coordinate mapping



Multi-atlas mapping



Nearest region
fallback

Atlas	Region Label
Harvard-Oxford	Central Opercular Cortex
AAL	...
Destrieux	...

MNI / Talairach
coordinate
(x,y,z)

[20 -12 10]

3 NiMARE meta-analytic retrieval



20k+ studies



NeuroQuery

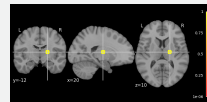


Neurosynth

4 AI summary

Sensorimotor & cognitive
integration hub
Often active in complex
motor planning &
coordination ...

5 Visualization



6

Export



CSV



JSON



PDF

Usage Options



Python API



CLI



Web
interface
(in-browser)