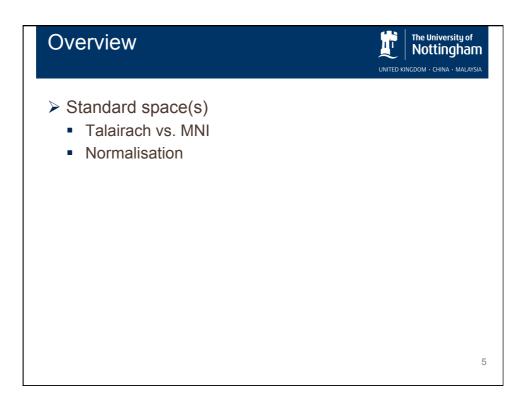
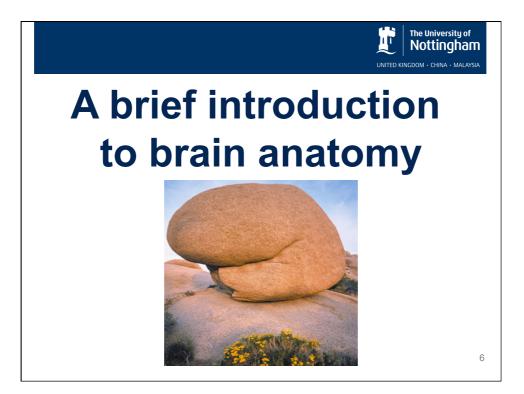
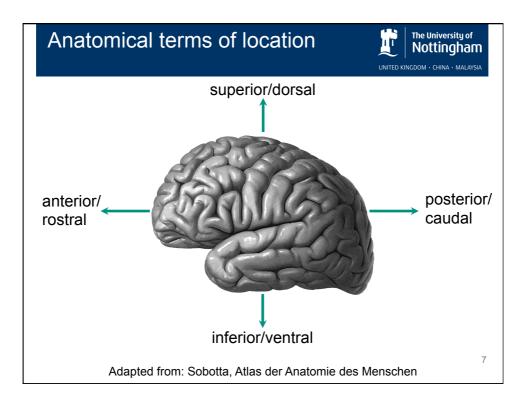
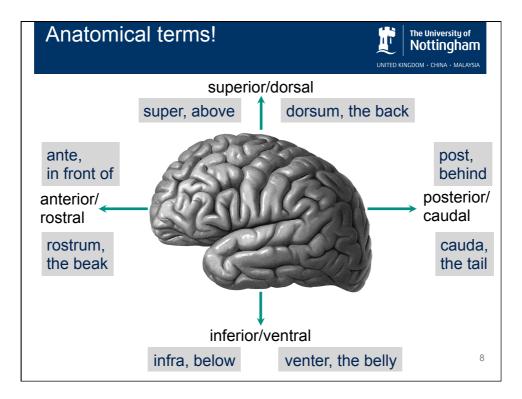


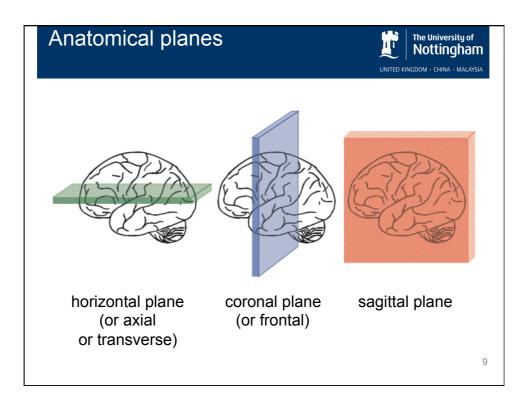
Overview The Universite Notting	ham
<ul> <li>Introduction to brain anatomy</li> <li>Macro-anatomy</li> <li>Anatomical terms and orientations</li> <li>Some anatomical landmarks</li> <li>Interindividual variability</li> <li>Recommended resources</li> <li>Micro-anatomy</li> <li>Classic cytoarchitectonic maps</li> <li>The Jülich approach</li> <li>Relation of macro-anatomy and micro-anatomy</li> </ul>	
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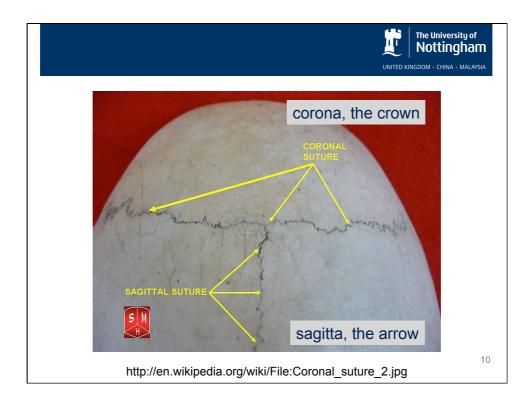


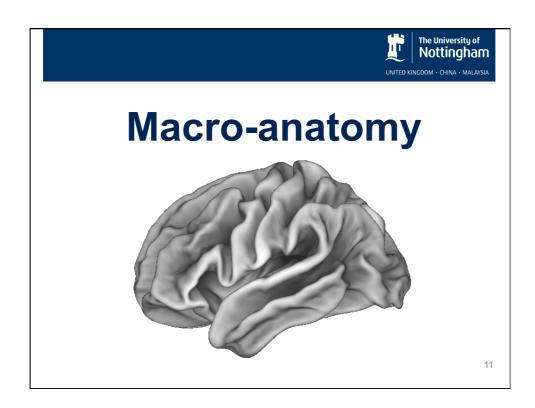


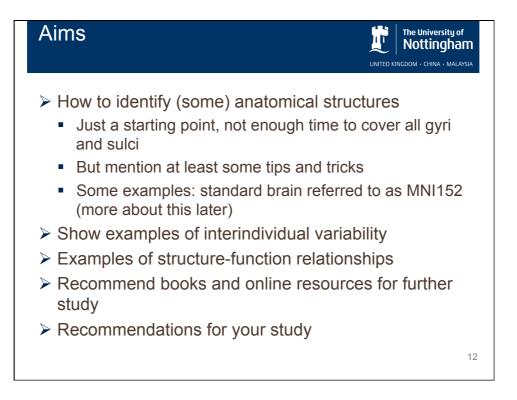


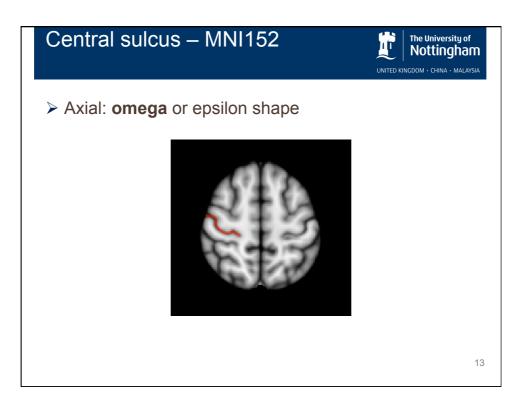


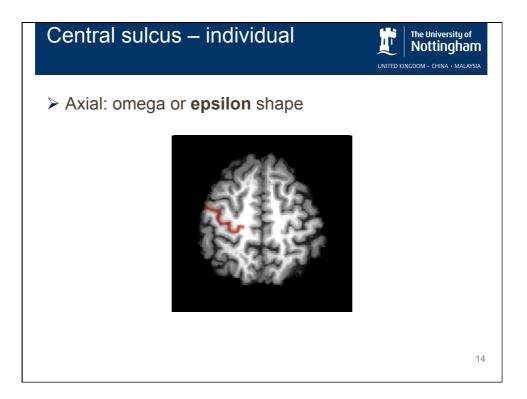


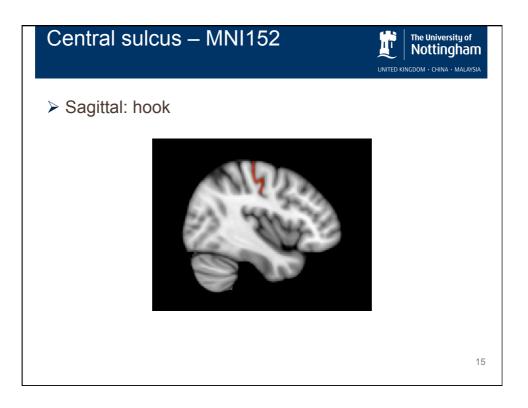


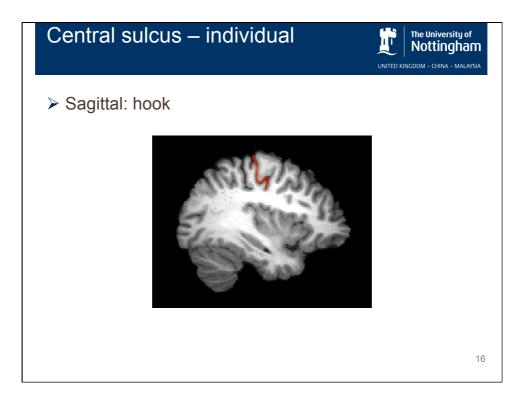


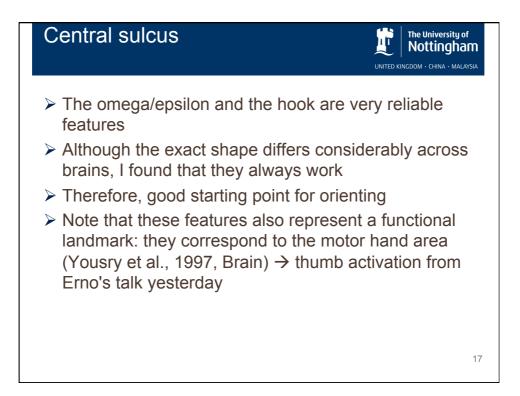


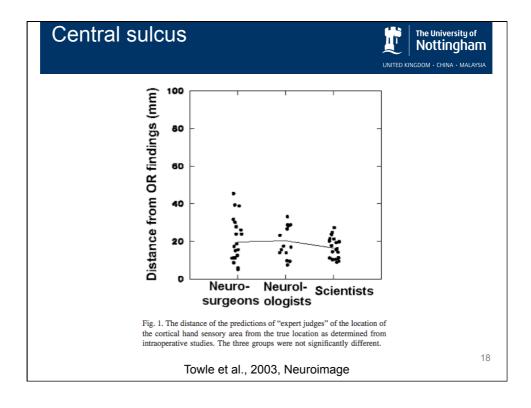


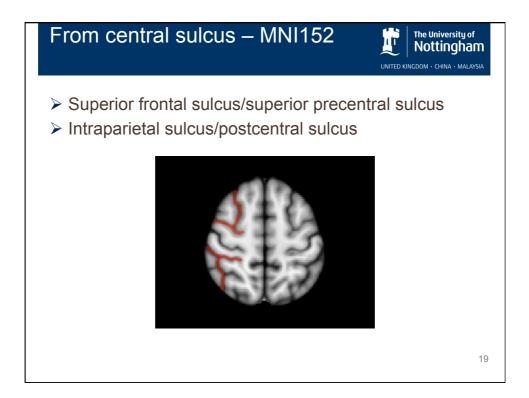


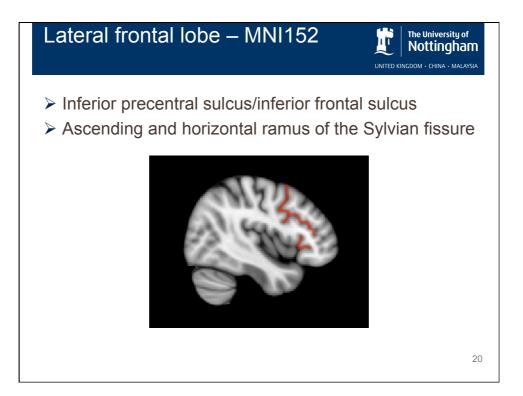


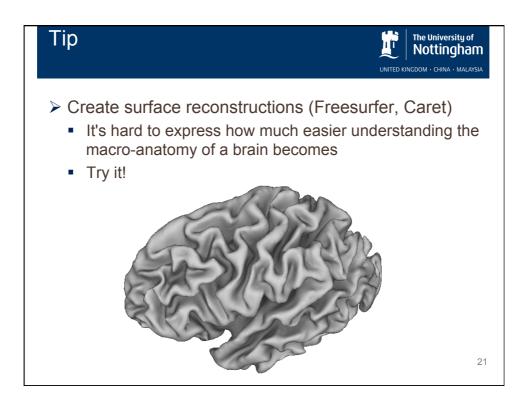


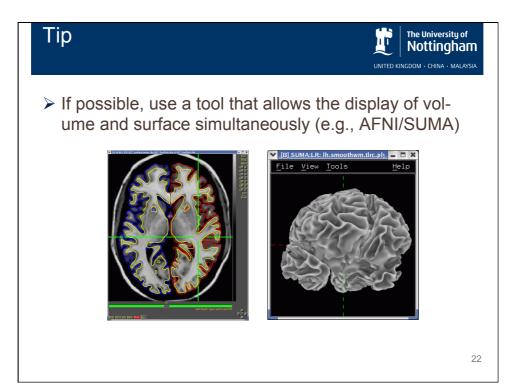


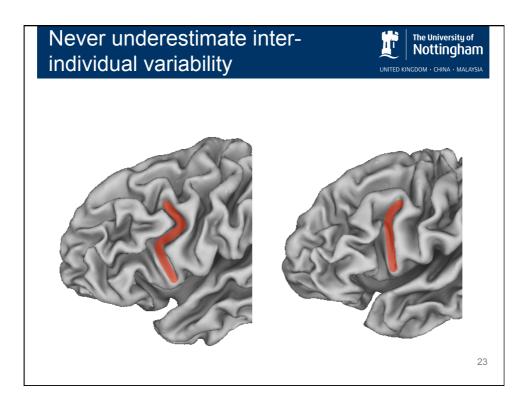


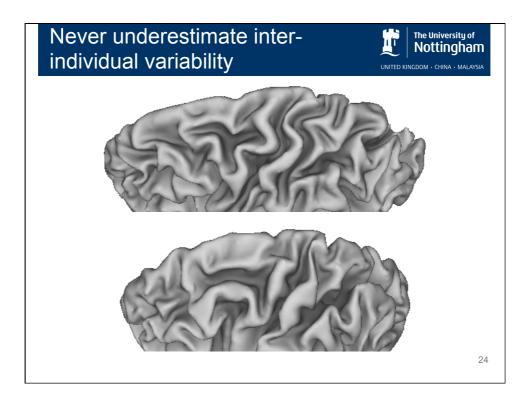


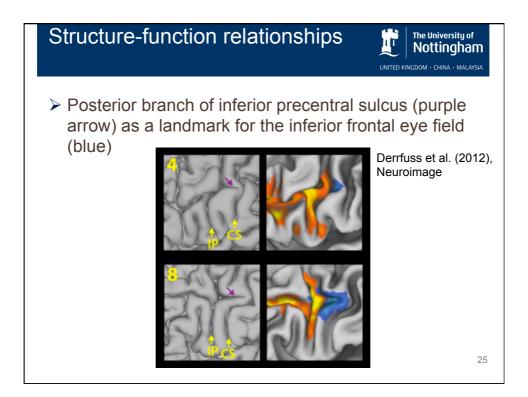


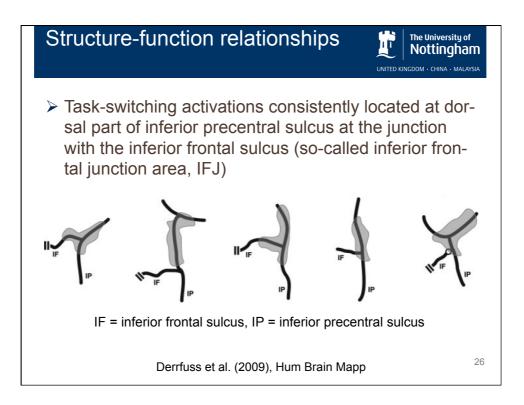


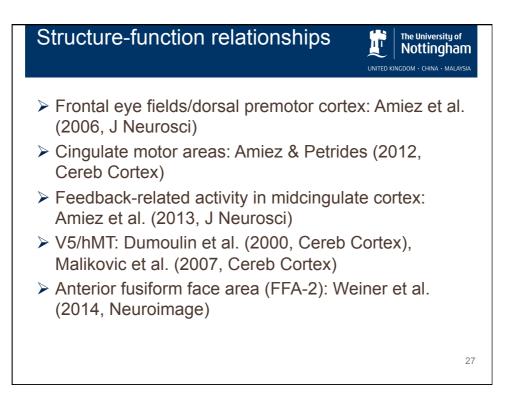




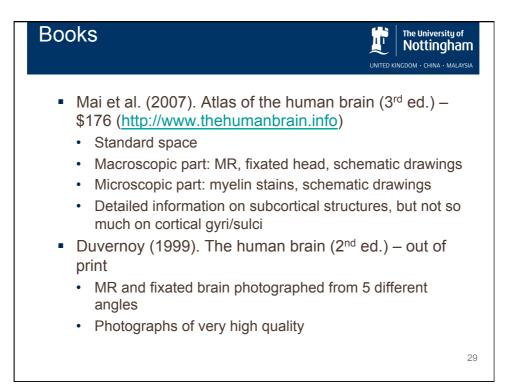


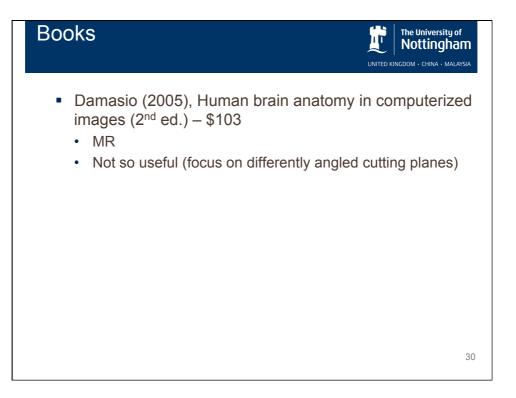


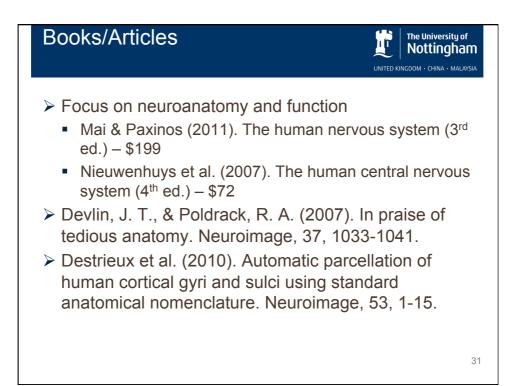


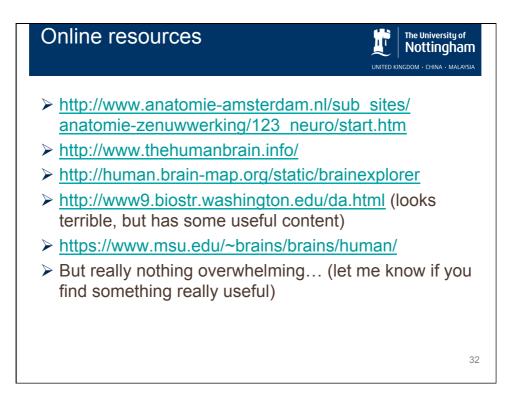


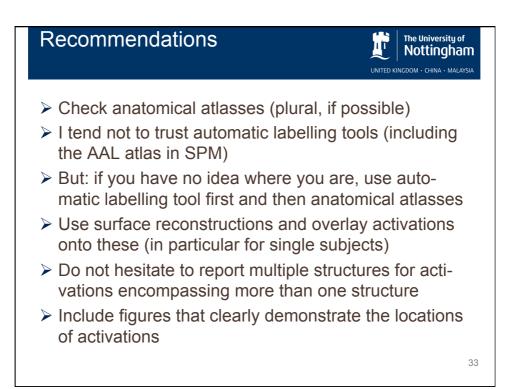
Books	jham
<ul> <li>Focus on neuroanatomy</li> <li>Petrides (2011). The human cerebral cortex – \$200         <ul> <li>MR + surface reconstruction (latter not so useful)</li> <li>Brain in standard space</li> <li>Very detailed information about sulci/gyri</li> <li>Not a lot information about interindividual variability</li> </ul> </li> <li>Ono et al. (1990). Atlas of the cerebral sulci – \$235         <ul> <li>Fixated brains</li> <li>Focus on interindividual variability</li> </ul> </li> </ul>	
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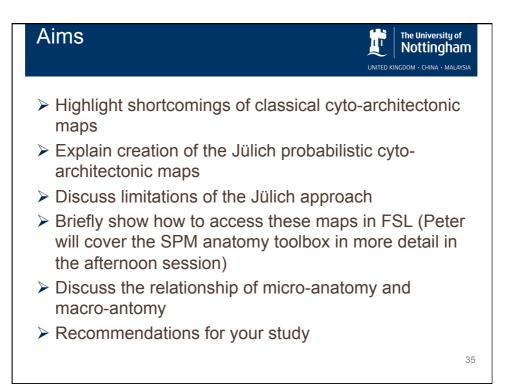


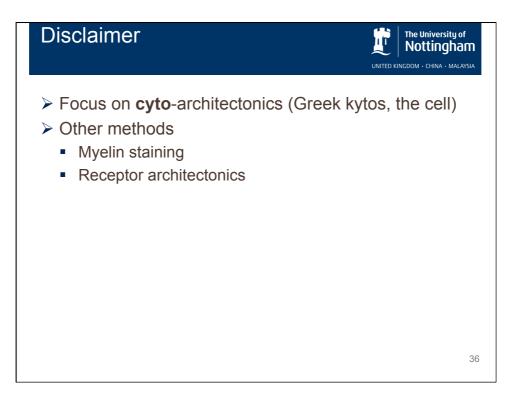


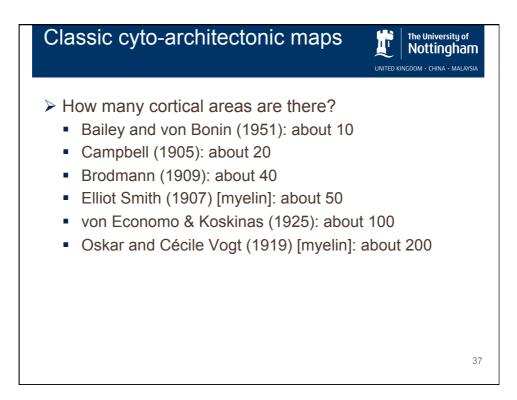


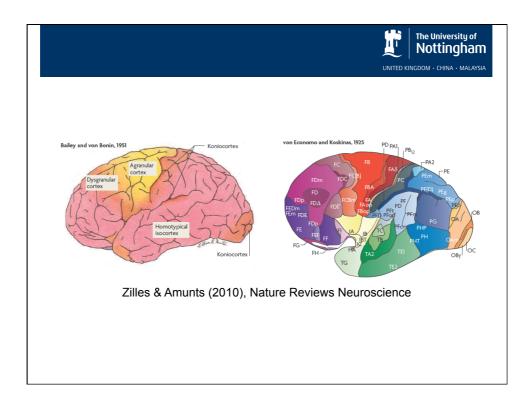


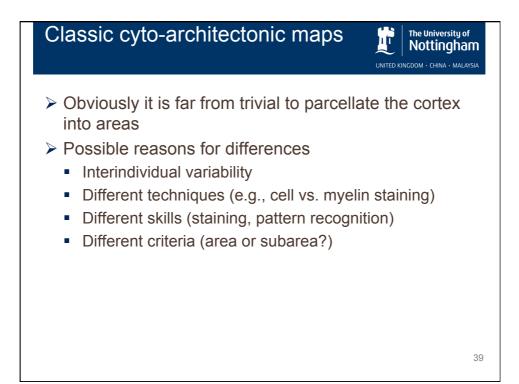


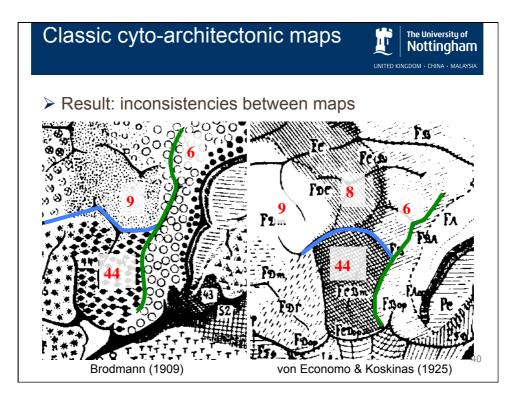


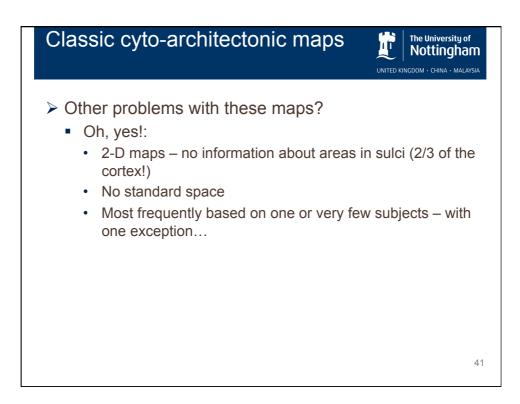


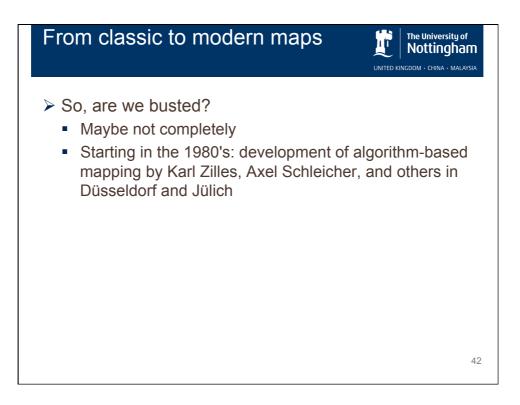


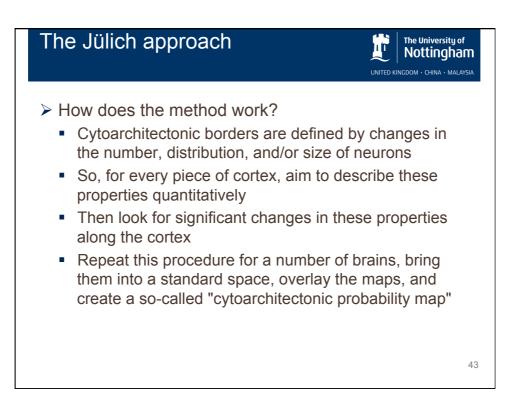


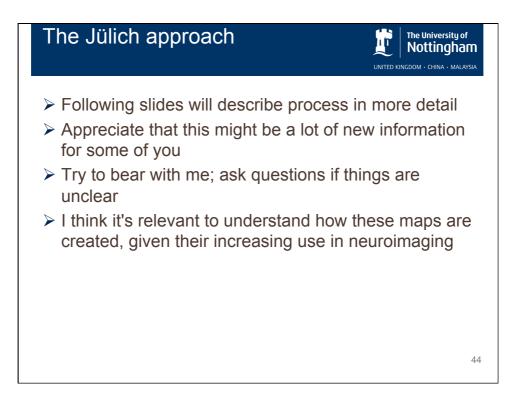


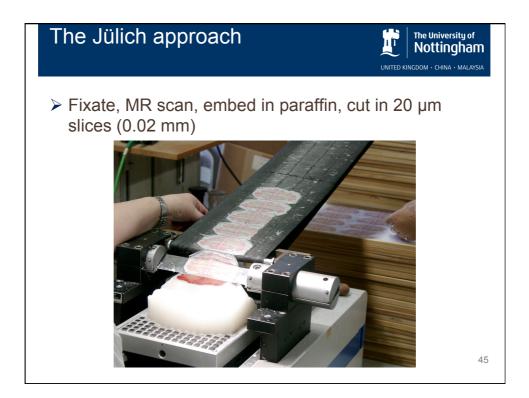


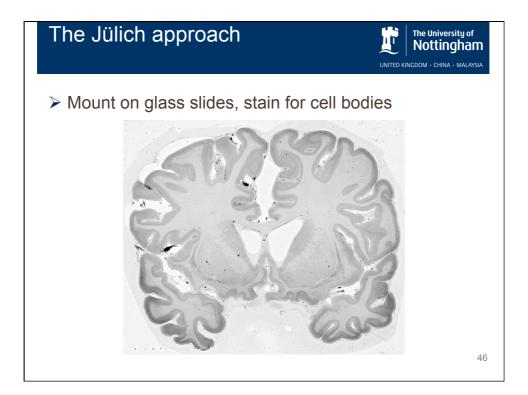


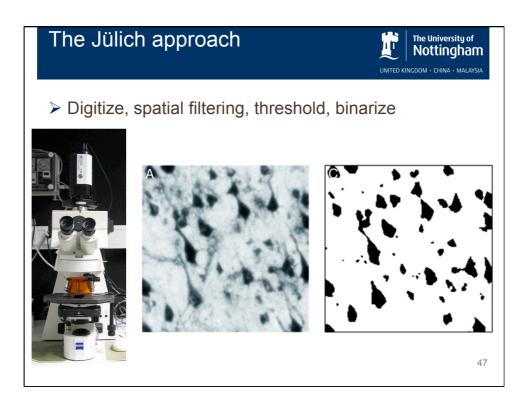


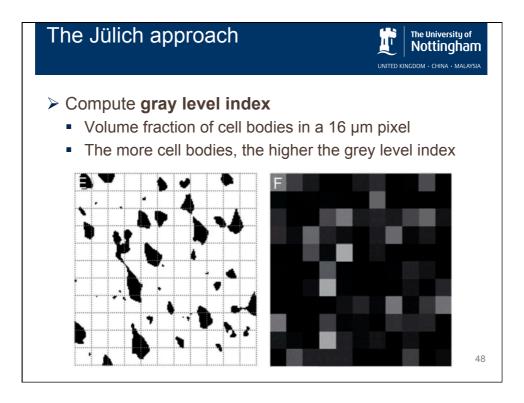


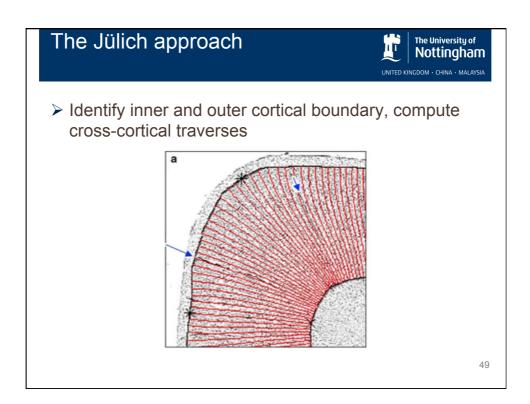


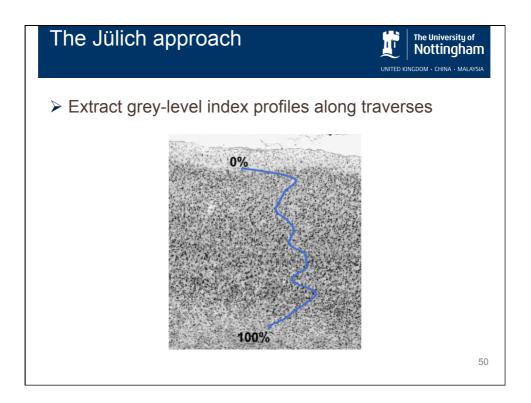


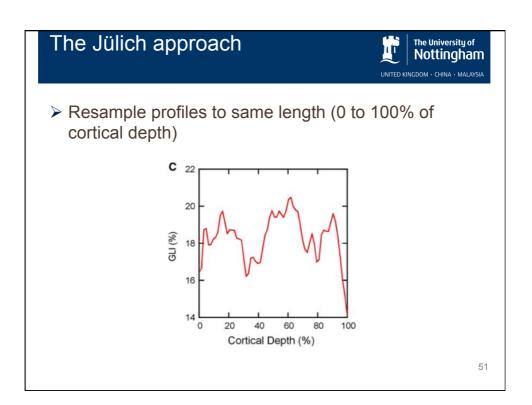


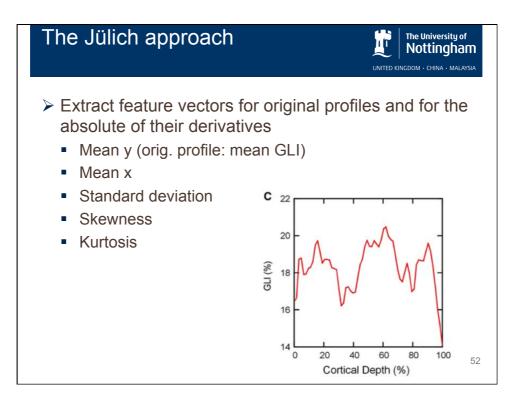


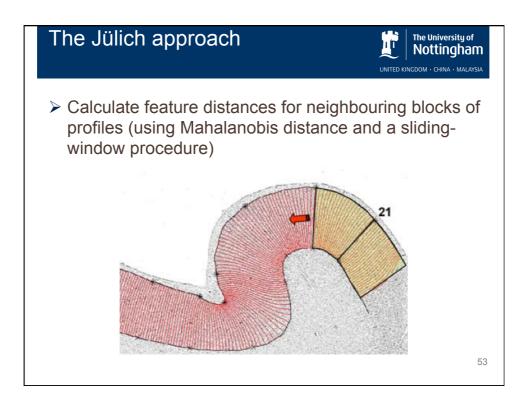


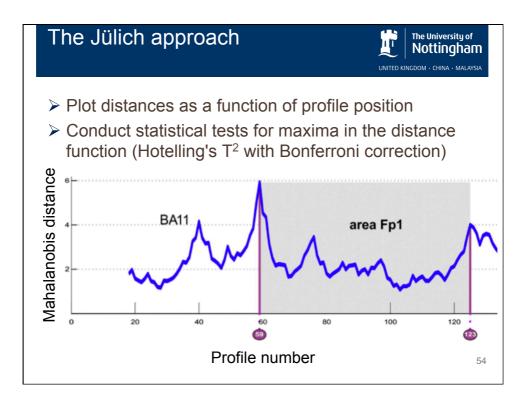


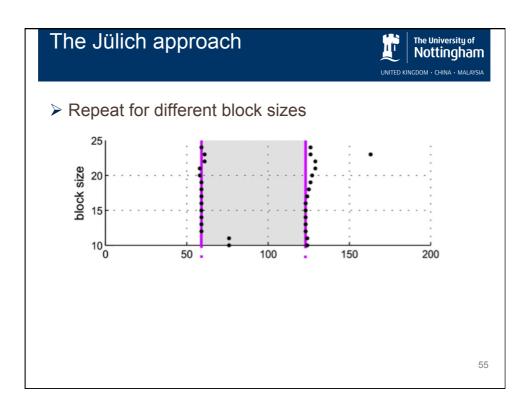




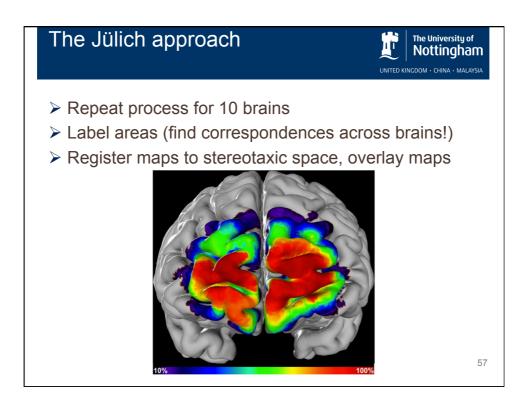


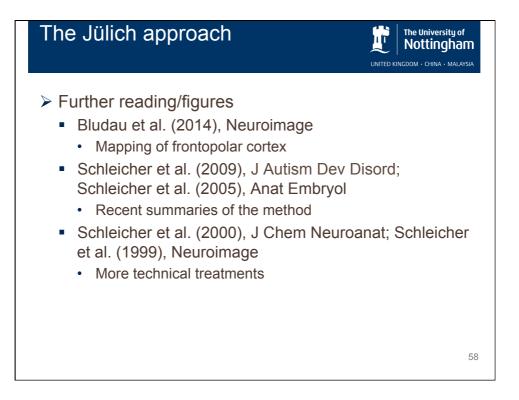


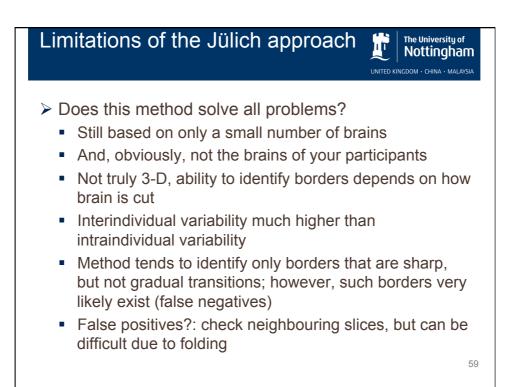


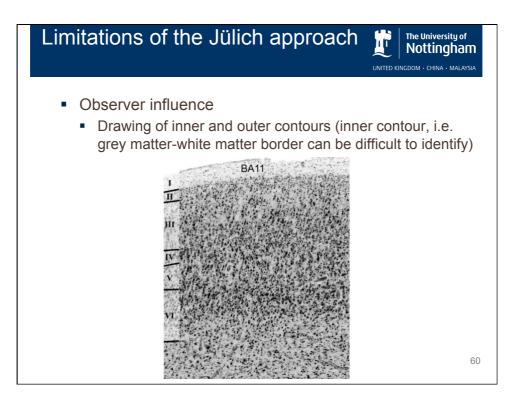


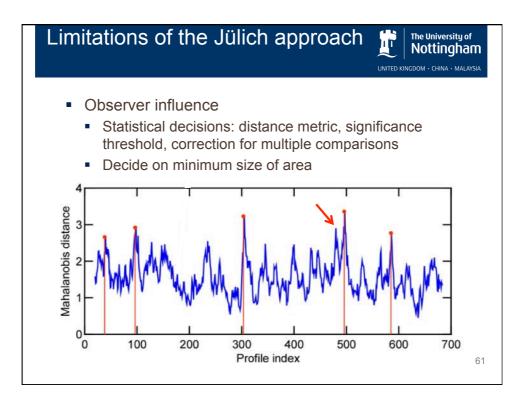


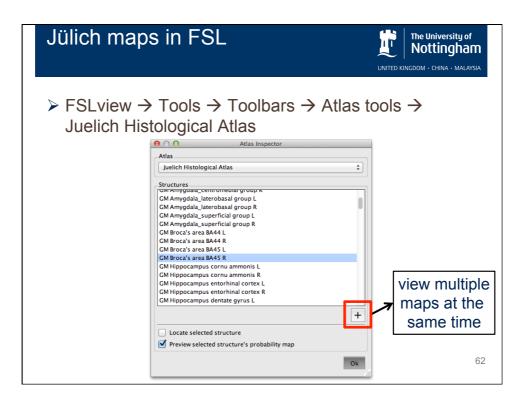


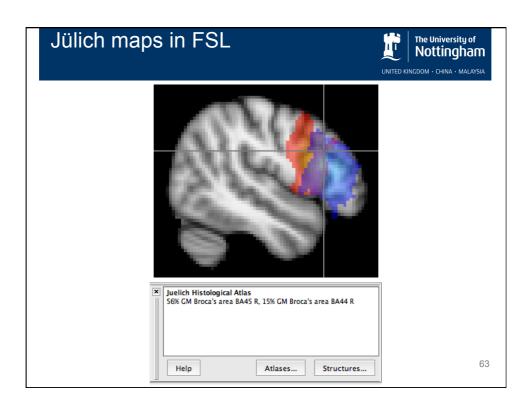


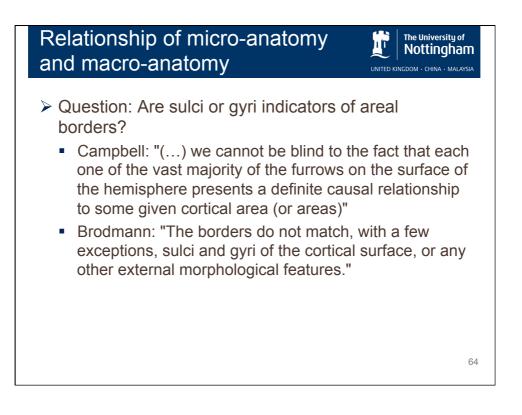


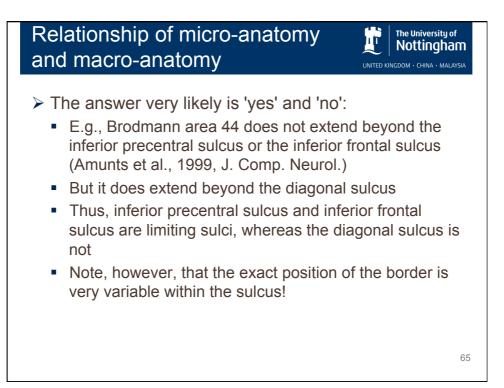


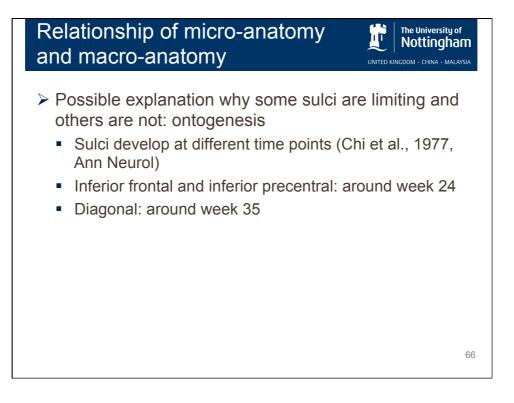










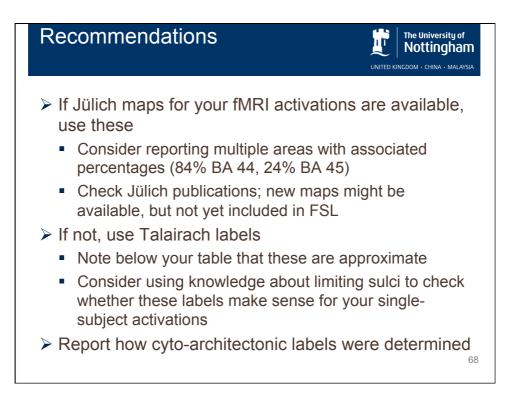


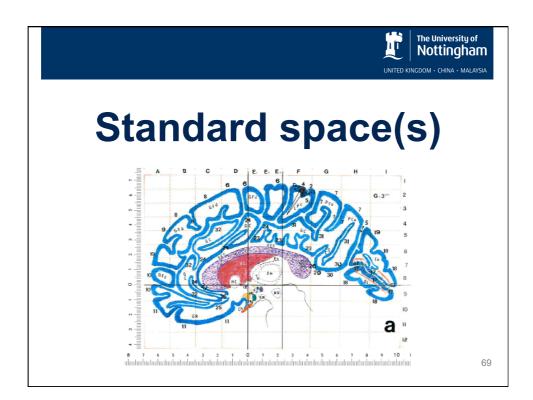
## Relationship of micro-anatomy and macro-anatomy

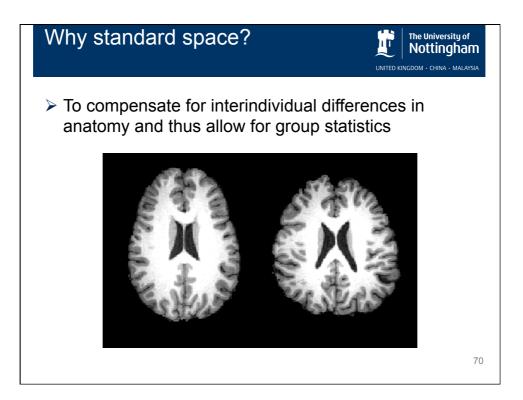
The University of Nottingham

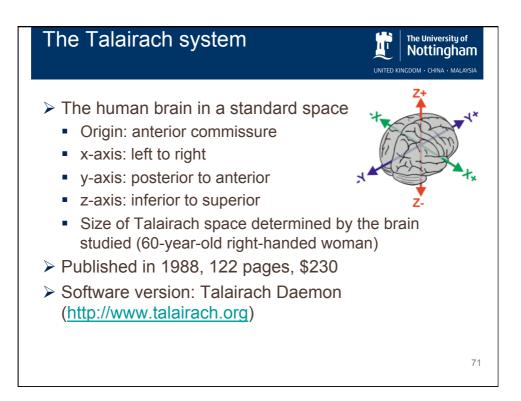
- Tension-based models of morphogenesis (Van Essen, 1997, Nature): development of connections is a critical factor in determining cortical folding
- Connections determine function (Passingham et al., 2002, Nature Rev Neurosci)
- Thus, macro-anatomy and connections (and, therefore, possibly functions) are not independent
- The earlier a sulcus develops, the stronger this association might be

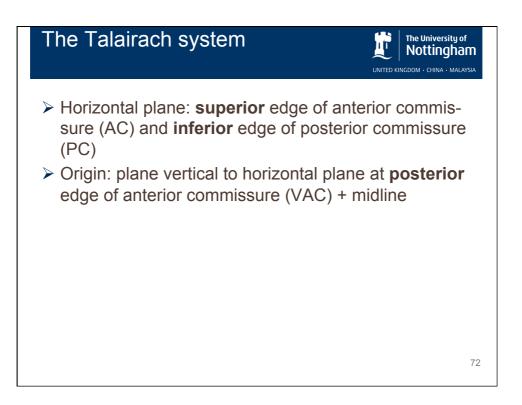
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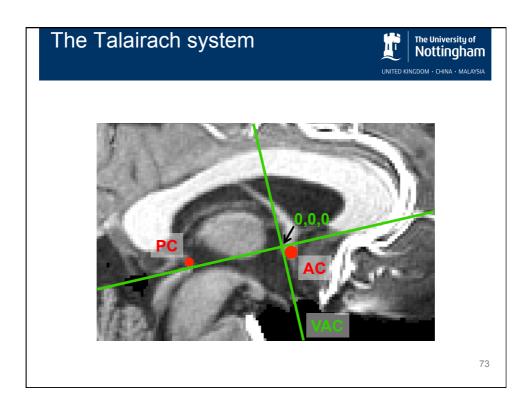


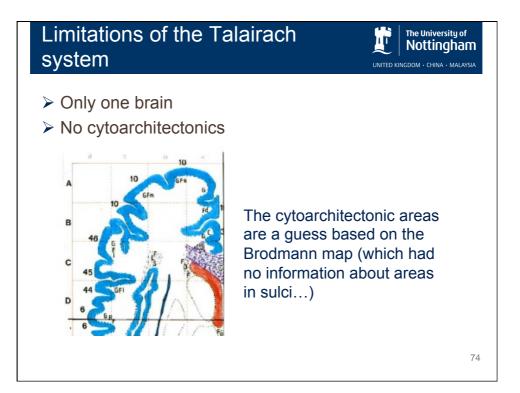


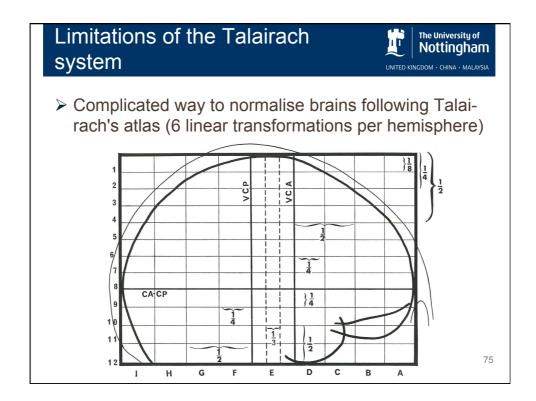












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