



Data supplement 1 Statistical images and Brodmann's areas (BA) with Talairach three-dimensional co-ordinates: *x*, *y*, *z* showing regions in which activation levels were significantly different for adolescent boys with attention-deficit hyperactivity disorder, combined type (ADHD-CT) compared with matched control participants. (a) The control group showed significantly greater activation than the ADHD-CT group in regions of the left and right prefrontal cortex (including the caudate nucleus head), the right superior and inferior parietal lobules and in the occipital regions. (b) The ADHD-CT group showed significantly greater activation than the control group in midline regions, including the medial superior frontal gyrus and the posterior cingulate, as well as regions of the left temporal lobe.