



Data supplement 2 Within-group contrasts between responses to fearful and neutral faces: (a) regions where the control group shows greater activation to fearful faces than to neutral faces; (b) regions where the psychopathy group shows greater activation to neutral than to fearful faces; (c) regions where the psychopathy group shows greater activation to neutral than to fearful faces. Controls showed significantly greater activation to fearful than to neutral faces in the fusiform and cerebellum bilaterally, and in the left primary sensory and motor cortices (a). In contrast, participants with psychopathy demonstrated significantly greater activation in the fusiform gyri and cerebellum bilaterally and in the left primary motor and sensory cortices to neutral v. fearful faces (b, c). Voxelwise $P=0.01$, clusterwise $P=0.005$ control, $P=0.0025$ psychopathy (thresholded to <1 false-positive cluster per brain). The right side of each slice represents the left side of the brain (see Tables 1 and 2 for a full description of functional anatomy and Talairach coordinates).