

Table S1: Correlations between coping styles, trait anxiety, and emotional accuracy effects (hit rate neutral minus hit rate emotion) under low and high perceptual load

| | Accuracy effect low load | | Accuracy effect high load | |
|------------|--------------------------|------|---------------------------|------|
| | contempt | fear | contempt | fear |
| MCI-VIG | -.08 | -.04 | .02 | .03 |
| MCI-CAV | .10 | .24 | -.18 | .13 |
| STAI-trait | -.18 | -.10 | .09 | -.04 |

*p < .05

Table S2: Perceptual load main effects: Brain regions showing different activation under the high load (vs. low load) condition

| | Hemisphere | Peak <i>T</i> -value | Peak-level <i>p</i> _{uncorrected} | Cluster size (voxels) | Cluster-level <i>p</i> _{FWE} | Peak MNI | | |
|--|------------|----------------------|---|--------------------------|--|----------|----------|----------|
| | | | | | | <i>x</i> | <i>y</i> | <i>z</i> |
| Low perceptual load > high perceptual load | | | | | | | | |
| All emotional conditions (contempt, fear, neutral) | | | | | | | | |
| None | - | - | - | - | - | - | - | - |
| Low perceptual load < high perceptual load | | | | | | | | |
| Contempt | | | | | | | | |
| Inferior occipital extending to calcarine | L | 7.31 | <.001 | 740 | <.001 | -21 | -88 | -8 |
| Precentral gyrus (BA6) | L | 4.52 | <.001 | 111 | .04 | -30 | -13 | 49 |
| Superior parietal gyrus | L | 4.51 | <.001 | 106 | .04 | -21 | -58 | 49 |
| Fear | | | | | | | | |
| Superior and inferior parietal gyrus, extending to the following regions: | L/R | 8.90 | <.001 | 9243 | <.001 | -27 | -52 | 49 |
| bilateral precuneus and cuneus, superior and middle occipital | L/R | 8.00 | <.001 | | | -24 | -64 | 37 |
| Cerebellum | L/R | 7.18 | <.001 | | | 9 | -67 | -20 |
| Bilateral middle frontal gyrus, extending to bilateral precentral gyrus (BA6), right medial frontal and anterior cingulate gyrus | L/R | 7.09 | <.001 | | | -30 | -7 | 52 |
| Bilateral insula | L/R | 4.58 | <.001 | | | 39 | 20 | 7 |
| Bilateral thalamus | L/R | 5.27 | <.001 | | | 15 | -7 | 4 |

| <i>(table continued)</i> | | Hemisphere | Peak <i>T</i> -value | Peak-level <i>p</i> _{uncorrected} | Cluster size (voxels) | Cluster-level <i>p</i> _{FWE} | Peak MNI | | |
|--|---|------------|----------------------|---|--------------------------|--|----------|----------|----------|
| | | | | | | | <i>x</i> | <i>y</i> | <i>z</i> |
| Low perceptual load < high perceptual load (<i>continued</i>) | | | | | | | | | |
| Neutral | | | | | | | | | |
| Middle occipital gyrus, extending to inferior and superior parietal gyrus (BA7), precuneus | L | 5.81 | <.001 | 749 | <.001 | -30 | -79 | 16 | |
| Occipital gyrus, extending to cuneus, calcarine | R | 5.75 | <.001 | 208 | <.01 | 21 | -85 | 1 | |
| Superior parietal gyrus | R | 5.00 | <.001 | 178 | <.02 | 27 | -64 | 58 | |

Neuroanatomical labels, hemisphere, peak voxel *t*- and *p*-values, cluster extent, cluster-level FWE-corrected *p*-values, and coordinates in MNI space are presented. Activation clusters are yielded by one-sample *t*-tests and are significant at $p = .001$ (uncorrected) and a cluster-level threshold of $p_{FWE} < .05$.