

Abstract

In our free-viewing chimeric faces task, in which a right hemispheric (RH) bias was indicated by judging chimeric faces with the smile on the left side of the face to be happier than faces where the smile is on the right side (a left visual field dominance in the judgments of the faces), it was found that while there was a general left visual field (LVF) superiority evident throughout the entire sample, it was seen to a greater extent amongst females relative to males, and when judging female faces compared to male faces.  Right-handers were also found to exhibit a greater LVF superiority than non-right handers (left-handers and ambilaterals). Despite our own predictions, subjective mood was found to play no role in the strength of LVF superiority, though there was a positive correlation between self-reported mood and how happy the chimeric faces were rated to be. 