
Directions of human's facial profiles which are drawn by right and left hand

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Do differences in directions of human's facial profiles connected with the dominant hand or with features of drawing by the right and the left hand (independently on the dominant hand)? In this article we describe results of experimental study in which subjects with different dominant hand drew human's facial profiles by using left and right hand (20 right-handers, 11 left-handers). Analyze of the results showed that facial profile direction significantly associated with used hand in right-handers; qualitatively similar data were found for left-handers. Most right- and left-handers have the same tendency to draw profiles to right by using left hand and to the opposite direction (to left) by using right hand. Investigations like this have great importance in terms of N.A. Bernstein's conception about multi-level system of controlling movement.

Keywords: human facial profile drawing, directionality, dominant hand, graphic production, right-handed, left-handed, N.A. Bernstein

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