

- ***Abstract*** -

The thesis is divided into two parts. First part is focused on perception of male sexual orientation. In particular, it deals with judgment of sexual orientation based on nonverbal display and appearance, stereotypes concerning sexual orientation, variability of homosexual minority and impact of culture on sexual orientation perception. One review chapter on homosexuality and four research studies (published or sent to peer review international journals) are presented in the second part of this work. Two studies focus on sexual orientation attribution from facial, vocal and behavioral stimuli and one of them investigates culture influence. The results showed that raters judge sexual orientation accurately based on limited information, but there is a strong impact of culture origin of both raters and judged individuals. Since recognition of sexual orientation is supposed to be crucial in mate choice of homosexual individuals, the other study was aimed at facial and vocal attractiveness as judged by homosexual men. These studies investigated several sensoric modalities when judging other people, and the last one tests importance of particular modalities both in partner choice context and in other than partner choice context.