

## **Abstract**

In this research, we studied how religious people might be different from non-religious people in their rational thinking process and results. We compared the differences of rationality level between religious only group and non-religious only group in Hong Kong across four measures such as reflective reasoning, heuristic use, failures in rationality, and actively open-minded thinking (AOT). Participants were recruited online to finish a self-rating questionnaire and various data analysis were conducted via SPSS to provide statistic reliable results. After analysis, we found that religious people is not lower in any aspect of the four dimensions, rather, they scored even significantly higher in two of the scales. We conclude that the religious people in Hong Kong show a higher level of rationality than non-religious people in Hong Kong.

*Keywords: Rational thinking, Heuristics, Actively Open-minded thinking, Dual-system Processing*