

6. Conclusion

According to the literature review, how the happy and sad emotion influence decision process had been found inconsistency between different studies. It has been argued about the inconsistency of the emotion influence on the decision process. By combined the emotion and cognition factors together, the inconsistency can be explained here. The finding support the suggestion of Isen (1993) and Forgas(1993). When participants in a happy emotion, face decision with different importance, the decision process will be different. Also as Forgas (1989) suggested the emotion effect not only change in happy emotion, but also change in sad emotion. His suggestion was supported here too. The participants with sad emotion, when they face decision with different importance, the decision process change. Moreover, the most important finding is the interaction was happened in a dynamic way. By using similar material but different task context, we found the interaction happened in different decision stages. The interaction in the early and later process showed different meanings of how emotion and cognition interact. The early emotion and cognition interaction showed the happy and sad emotions with high decision importance did process the information selectively. While in the later interaction, it showed the happy emotions with high decision importance spent more time to evaluate the useful information. Moreover, the sad emotions with high decision importance completed the task faster than those with low decision importance. The results represent the importance of the dynamic decision processing and interaction of emotion and decision importance which should be noticed.

Although the eye movement pattern and psychophysiological effect has already showed the interaction of emotion and cognition, the intent of using the cue to lead participants make different choice in experiment two was failed. It still can't tell if

under the different conditions, the decision choice will change or not. In the future study, the experiment should be modified to clarify the results. By using different material (small difference between good and bad products), it might have clearer evidence. Also how the stages can be differentiated better and if any indicators can represent the different process still need to be developed.

