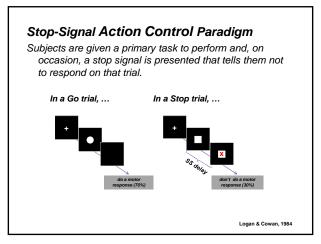
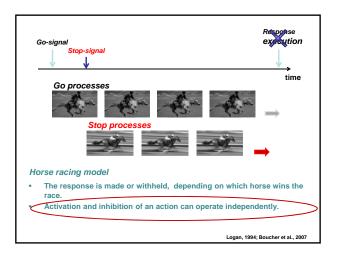




我們有哪些大腦認知功能/行為?
語言、閱讀、學習、記憶、注意力、視 覺認知、物體辨識、動作控制、情緒、 同理心 …… 意志力、計畫、決策、問題解決、道德 判斷、人際互動 ……

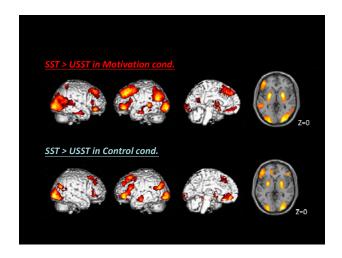


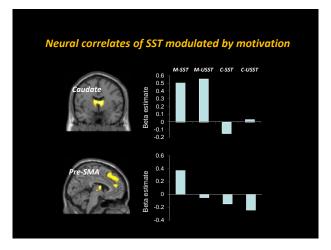


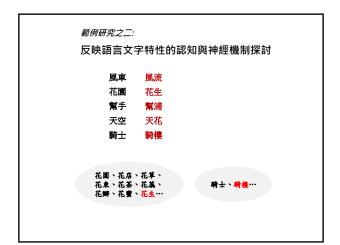


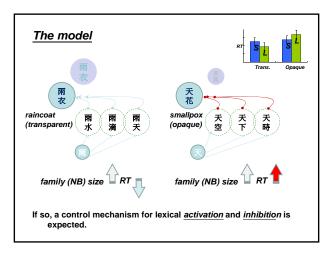
Would the stopping system be influenced by motivation of the participants?

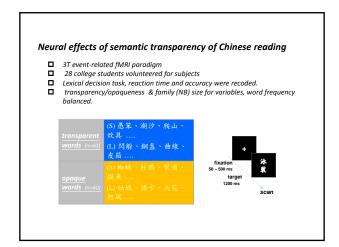
- 18 participants
- 30% of the trials involved a stop signal and adjusted SSD dynamically
- Procedure:
 - Participants started with a choice RT task for a baseline RT.
 Then, the SST was administered in a motivational and a control condition.
 - In the motivational condition, the participants were informed they can get a NT2000 bonus if their RT is shorter than the baseline RT. However, there will be a penalty of NT40 for every stop signal missing.
 - In the control condition, there is no motivation treatment.

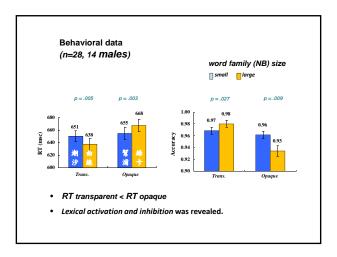


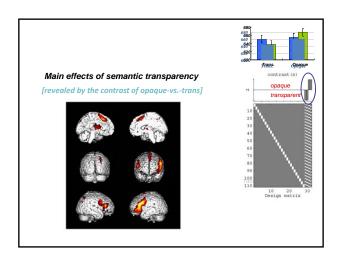


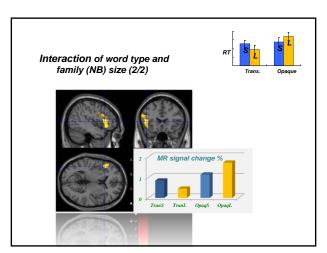












The most interesting part is the finding that there is a brain area to host interaction between different word types and family sizes, suggesting existence of a lexical control mechanism.

