

Appendix 3.3 – Derived Dependent Variables

Switch Cost (SC):

Response Time

$$SC\ RT = Switch\ Trial\ RT - Repeat\ Trial\ RT$$

Accuracy

$$SC\ Accuracy = Switch\ Trial\ Accuracy - Repeat\ Trial\ Accuracy$$

Mixing Cost (MC):

Response Time

$$MC\ RT = Repeat\ Trial\ RT - Single\ Task\ Block\ RT$$

Accuracy

$$MC\ Accuracy = Repeat\ Trial\ Accuracy - Single\ Task\ Block\ Accuracy$$