Do RBD patients explore their environment differently during updating than healthy controls?

Several forms of learning and updating can be impaired following Right Brain Damage (RBD). Recent work suggests that these problems could be due to exploration difficulties.

We measured exploratory behaviour in RBD patients performing updating tasks.

RBD patients had more difficulty learning and updating to changes in ball distributions.

RBD patients explored strategies less efficiently when the computer’s strategy shifted.

RBD problems could be related to impaired feedback integration.

Overlaps in brain damage point to regions responsible for exploration in learning and updating.