

Using eye movements in the dot-probe paradigm to investigate attention bias in illness anxiety disorder

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The dot-probe paradigm is one of the most often used paradigms to investigate attentional biases towards emotional information. However, a large number of the dot-probe studies so far used a **long stimulus onset asynchrony allowing for eye movements to occur, which might increase the error variance.**

Author: Kalina Petrova, Dirk Wentura, Christina Bermeitinger

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Eye-tracking has been applied to the measurement of attentional bias through free-viewing tasks (Sanchez et al., 2013), as well as used in combination with the dot probe to determine when participants fixate on positive and negative stimuli; this ensures that attention is redirected towards positive stimuli and away from negative stimuli before a task progresses (Ferrari et al., 2016; Möbius et al., ...

Author: Stephanie M. Woolridge, Geoffrey W. ... Publish Year: 2021

Biases in eye movements to threatening facial expressions ...

<https://www.researchgate.net/publication/12135068...>

The study investigated biases in selective attention to emotional face stimuli in generalized anxiety disorder (GAD) and depressive disorder, using a modified probe detection task.

A Novel Attention Bias Modification Single Session ...

<https://content.sciendo.com/view/journals/gp/3/1/article-p17.xml?language=en> ▾

May 21, 2020 · Attention bias modification (ABM) can reduce anxiety and attentional bias towards threatening stimuli, but evidence of its usefulness as a potential intervention for socially anxious individuals has been mixed. Eye contact avoidance, a maladaptive attentional strategy in social anxiety disorder (SAD), has yet to be targeted by ABM research.

Author: Louise F. Carey, Giles M. Anderson, ... Publish Year: 2020

Attentional bias for emotional faces in generalized ...

<https://bpspsychub.onlinelibrary.wiley.com/doi/abs/10.1348/014466599162845>

Dec 24, 2010 · This study had several aims: (i) to investigate such biases in generalized anxiety disorder (GAD) using naturalistic, ecologically valid stimuli, namely, emotional facial expressions; (ii) to test the emotionality hypothesis by examining biases for happy as well as threat faces; and (iii) to assess the time course of the attentional bias. Design.