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Are owners' reports of their dogs' 'guilty look' influenced by the dogs' action

and evidence of the misdeed?

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Highlights

We test cues that trigger dogs' 'guilty look' behaviours

The dogs' action and evidence of the misdeed have no effect on the 'guilty

look'

Dogs might not show the 'guilty look' in the absence of concurrent scolding

by their owners

Abstract

While dog owners claim that their dogs' greeting behaviour after having performed a

misdeed indicates the dogs' 'guilt', current experimental evidence suggests that dogs

show these 'guilty look' behaviours as a response to being scolded by their owners.

Given reports that 'guilty look' behaviours are shown also in the absence of being

scolded, we investigated whether the dogs' own actions or the evidence of a misdeed

might serve as triggering cues. We manipulated whether or not dogs ate a 'forbidden'

food item and whether or not the food was visible upon the owners' return. Based on

their dogs' greeting behaviour, owners stated that their dog had eaten the food no

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