
From: jeffrey E. <jeevacation@gmail.com>
Sent: Sunday, February 8, 2015 11:18 PM
To: Joscha Bach
Subject: Re:

is a happy accompanied by a smile differnet than one that =s not. ? an anorexic is a reminder to the group (women) to e=t. ? a happy smile a group reminder- sign?

On Sun, Feb 8, 2015 at 5:5= PM, Joscha Bach [REDACTED] wrote:
The facial expressions are a function of multipl= affect dimensions. Existing models use dimensions like valence (pleasure/=ispleasure, as a reaction to satisfaction/frustration of a drive), arousal=indifference, tension/relaxation, submission/dominance, confusion/determin=tion, enjoyment/disgust, introversion/extraversion. Each dimension is mapp=d to sets of facial muscles. Alternatively, one can use emotion prototypes=(happiness, sadness, anger, fear, surprise, disgust), and code each as a p=rticular facial expression (i.e. a configuration of excitations of the 43 =elevant muscles). I believe that basic emotional states are best understoo= as configurations of affect dimensions.

Ekman has shown that you can interpolate between these facial expressions, =nd these interpolations match interpolated emotional states (or affect dim=nsions). He systematized facial expressions as the Facial Action Coding System (FACS), which is used for training interrogators, animate computer gen=rated faces, etc.

Socially relevant drives and cognitive modes include affiliation (desire fo= approval and group integration), caring (desire to make others happy/redu=e their suffering), affection, libido, power/dominance. Especially affilia=ion (legitimacy signals, which reflect reputation, using smiles and frowns= and belonging, through synchronized actions) has strong relation to emoti=n expression. Beyond that, I am not sure that group goals exist on a funct=onal level. It is probably sufficient to have individual goals, and let th= group goals emerge. Or am I missing something?

Please elaborate if you'd like a more detailed answer from me.

— Joscha

PS: Hope you are well; please let me know if I or PED can do something for =ou.

> happy sad , all have facial expressions attached, =C2 clearly a
> social signal. , with your goal definitons how=do you break it into
> group and individilas goasl
>
> --
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