

### Emotionality in the Content of Psychotherapeutic Communication via Technology

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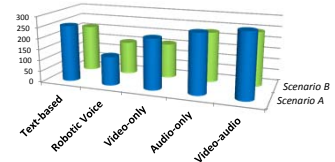
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- ✓ Valence, intensity, potency and activation of emotions were integrated to define the level of emotional content.
- ✓ Emotional content had different volume in five different modes of delivery.

Emotional Content of Communication:

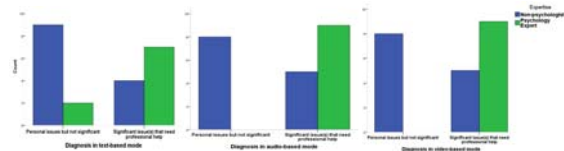
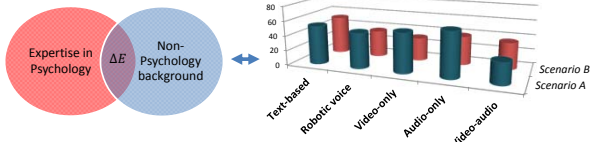
$$E_c = \sum_{i=1}^n I(v, i, p, a)$$



- ✓ A background knowledge in psychology purifies emotional perception due to the professional analysis of communication.
- ✓ Video information increases emotionality of therapeutic communication.

Emotional Deviation Score:

$$\Delta E_c = \sum (nonexperts(E_c) - experts(E_c))$$



- ✓ Mental problem is predictable by emotionality of communication via technology

Predictor	Dependent Variable	Results
Emotionality in Text	Diagnosis	R = 0.50, F(1,21) = 6.59, p < .02 β = -0.50, t(21) = -2.57, p < .02
Emotionality in Audio	Diagnosis	R = 0.55, F(1,21) = 8.33, p < .009 β = -0.55, t(21) = -2.89, p < .009
Emotionality in Video	Diagnosis	R = 0.59, F(1,21) = 10.54, p < .004 β = -0.59, t(21) = -3.25, p < .004

Thank you