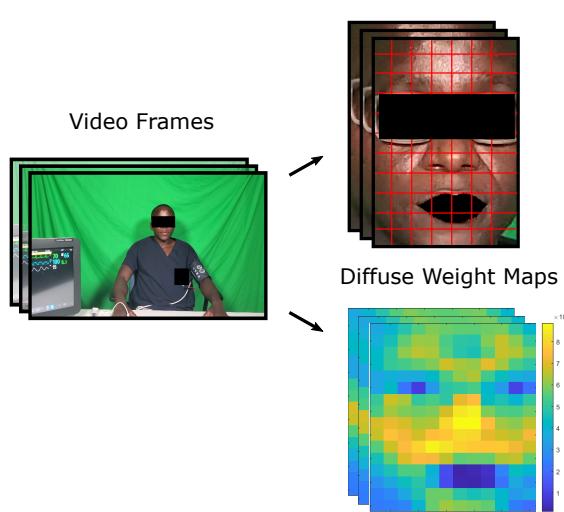


a

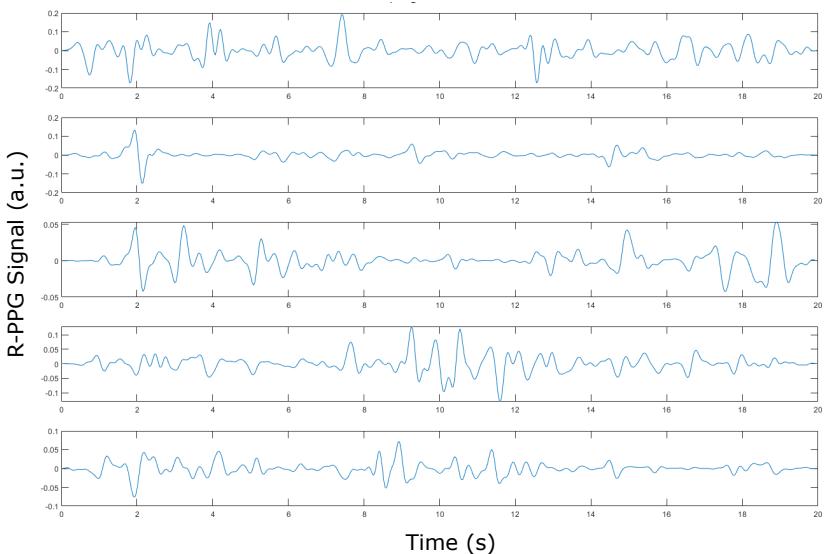
Detection Step

Face detection,
Eye & mouth removal,
Gridding

**b**

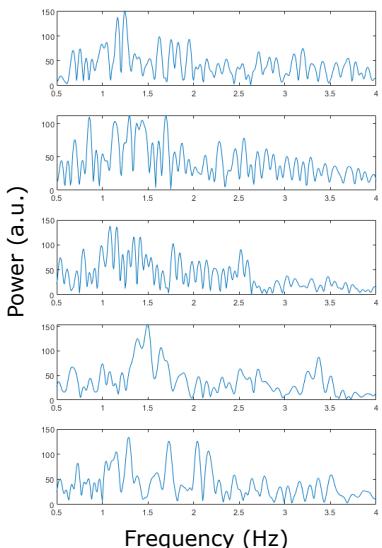
Signal Inference Step

Estimated R-PPG Signals from various facial regions

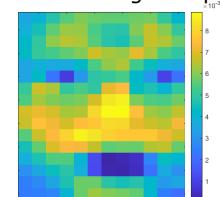
**c**

Signal Combination Step

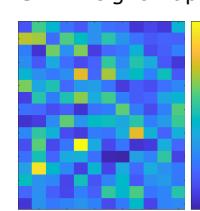
Estimated Power Spectral Densities
from various facial regions



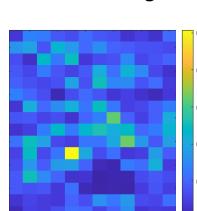
Diffuse Weight Map



SNR Weight Map



Combined Weight Map

**d**

HR Estimation Step

Weighted Average of
Power Spectral Densities

