AI Vision for Epidemiology

Analysis Results of Face Mask Classification on EPIWATCH® (Research/Demonstration Only)

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Analysis Results

Face Mask Usage (%) : 95.0%

Environment: Indoor (Probability of 63.7%)

Appropriate Mask Wearing (n) : 38

Not/Inappropriate Mask Wearing (n) : 2

Face and/or Face-like Images Detected (n) : 50

Face and/or Face-like Images Excluded (n) : 10

Background:

Appropriate Mask Wearing:

Wearing of a face mask covering nostrils and mouth.

Inappropriate Mask Wearing:

Mask was below the nostrils or even around the neck.

Face and Face-like Images Excluded:

Images contain little information about face mask wearing status. Typical ones include very blurry images, largely occluded, or not real human faces (statues, paintings, face-like objects, etc.).

Face Mask Usage:

Adppropriate Mask Wearings / (Faces Detected - Faces Excluded) * 100%

Image Analysed:

Source: UNSW NEWS

Website:

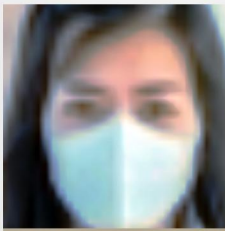https://www.unsw.edu.au/newsroom/news/2023/03/policing-the-pandemic-didn-t-work--report-shows-where-covid-fine

Publish Date: 14 Mar 2023

Figure 1. The original photo with face images detected.

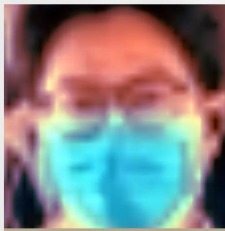(Source: UNSW NEWS. See Page 1 for more details.)

Appropriate Mask Wearing

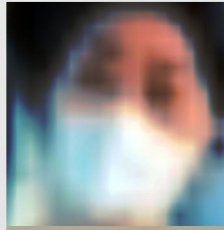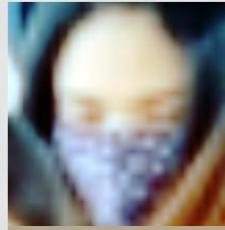Img0001   Img0002   Img0003   Img0004   Img0005   Img0006

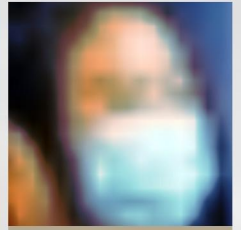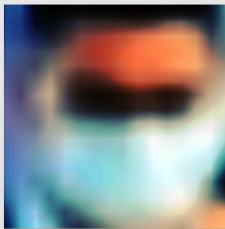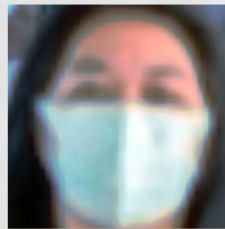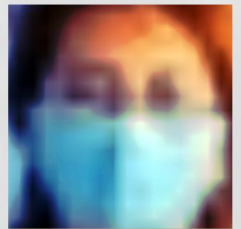Img0007   Img0008   Img0009   Img0010   Img0011   Img0012
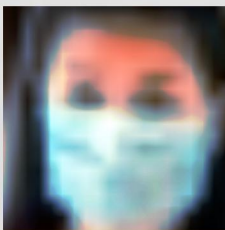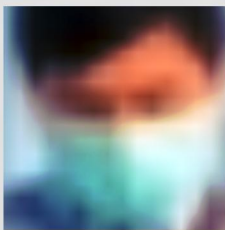
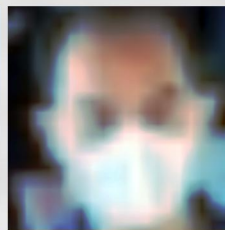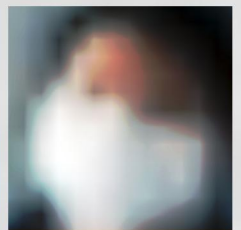Img0013   Img0014   Img0015   Img0016   Img0017   Img0018
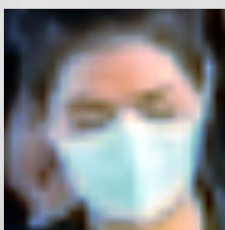
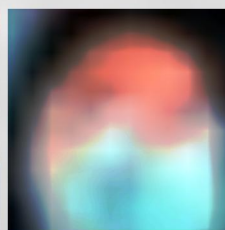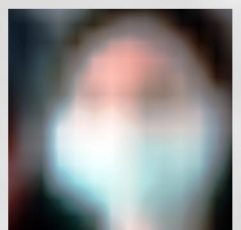Img0019   Img0020   Img0021   Img0022   Img0023   Img0024
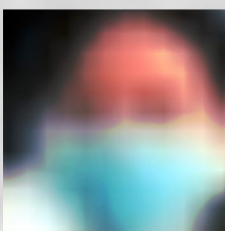
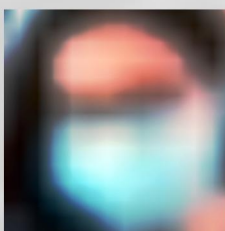Img0025   Img0026   Img0027   Img0028   Img0029   Img0030
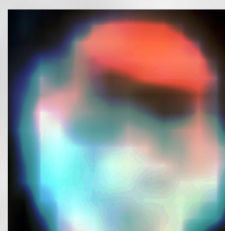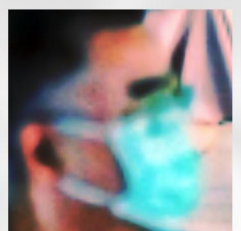
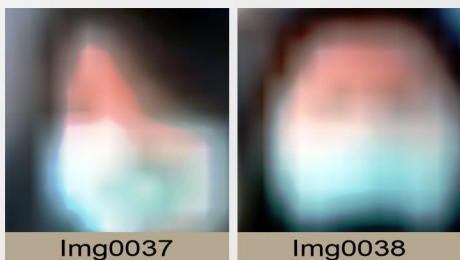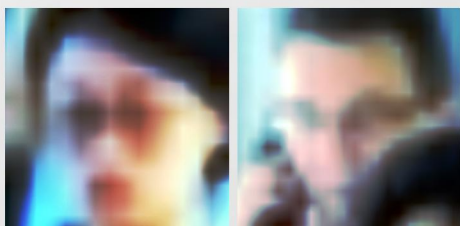Img0031   Img0032   Img0033   Img0034   Img0035   Img0036
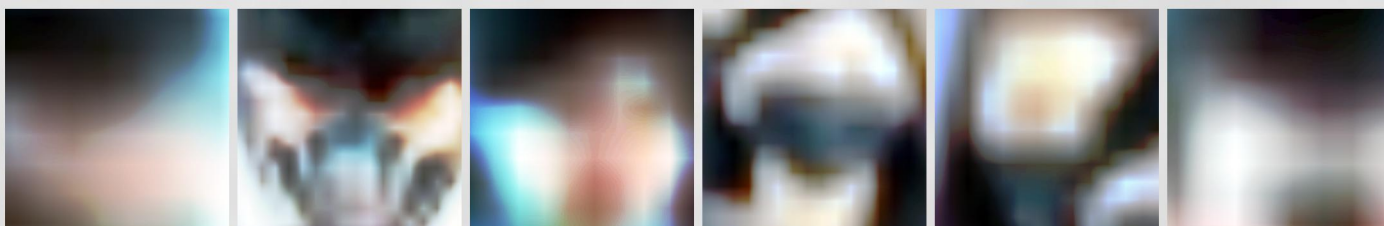
Img0037

Img0038

Not or Inappropriate Mask Wearing

Img0039

Img0040

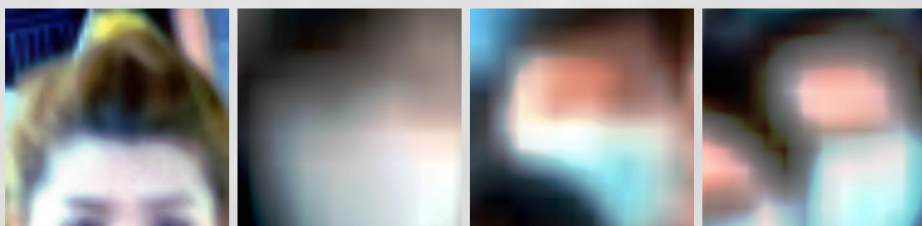# Excluded in Analysis

Img0041

Img0042

Img0043

Img0044

Img0045

Img0046

Img0047

Img0048

Img0049

Img0050