The Ellora Daily Photo

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asst. professor of clinical neurobiology
columbia university

February 1, 2012
Dorkbot

DEEPANJANA
072905742
09/16/03 02:10:53
ASSOC. PC
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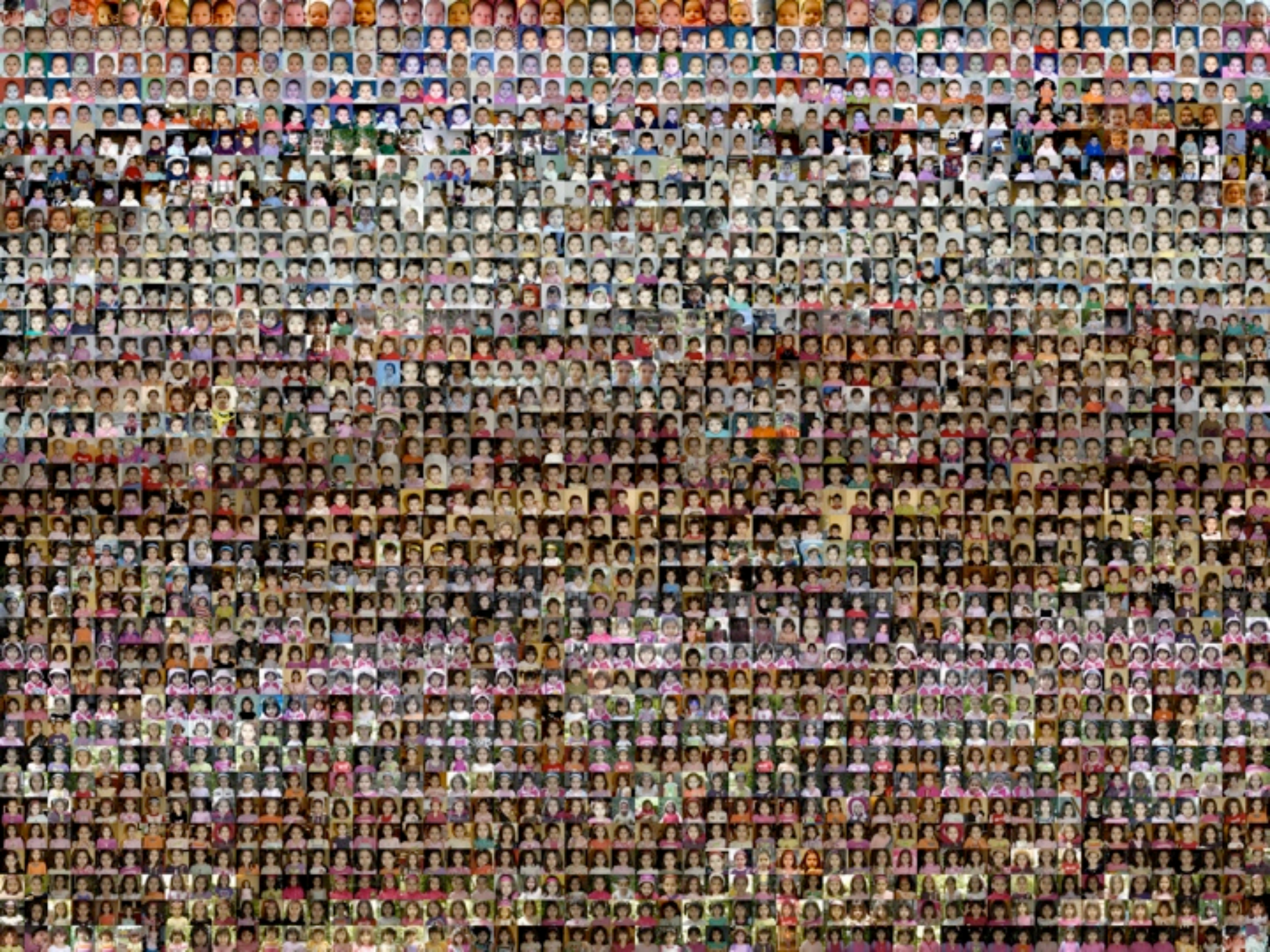
GE



BABYBJÖRN

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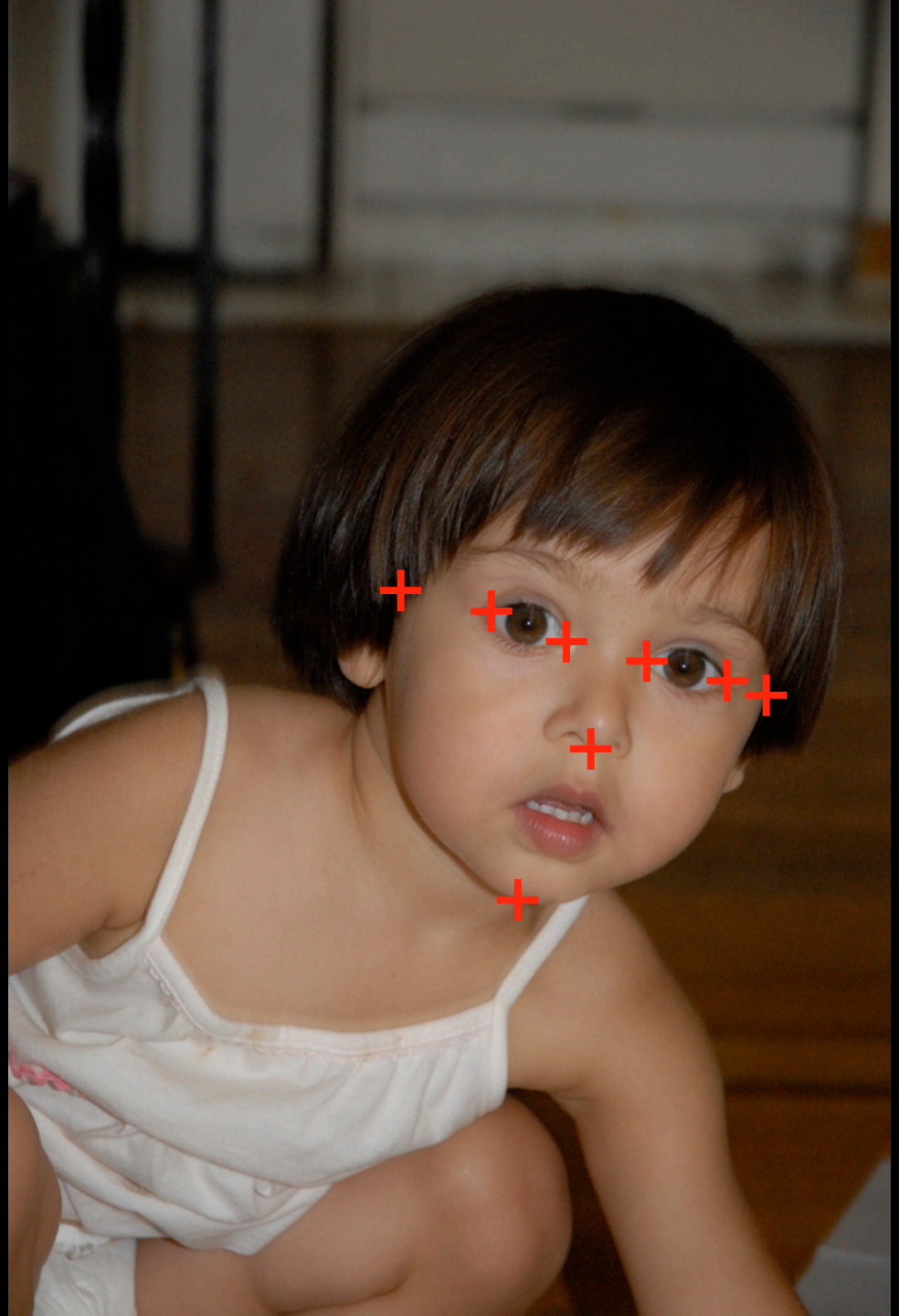
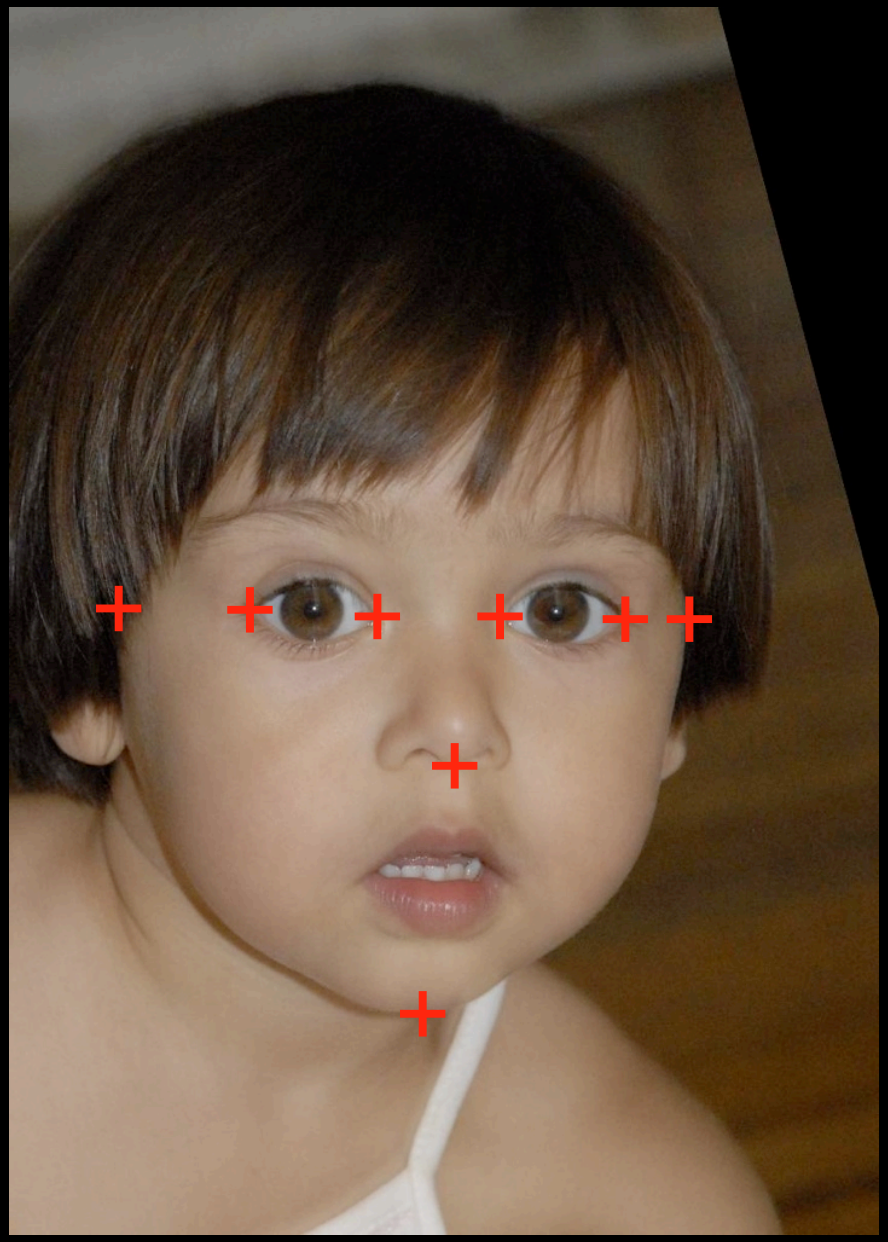
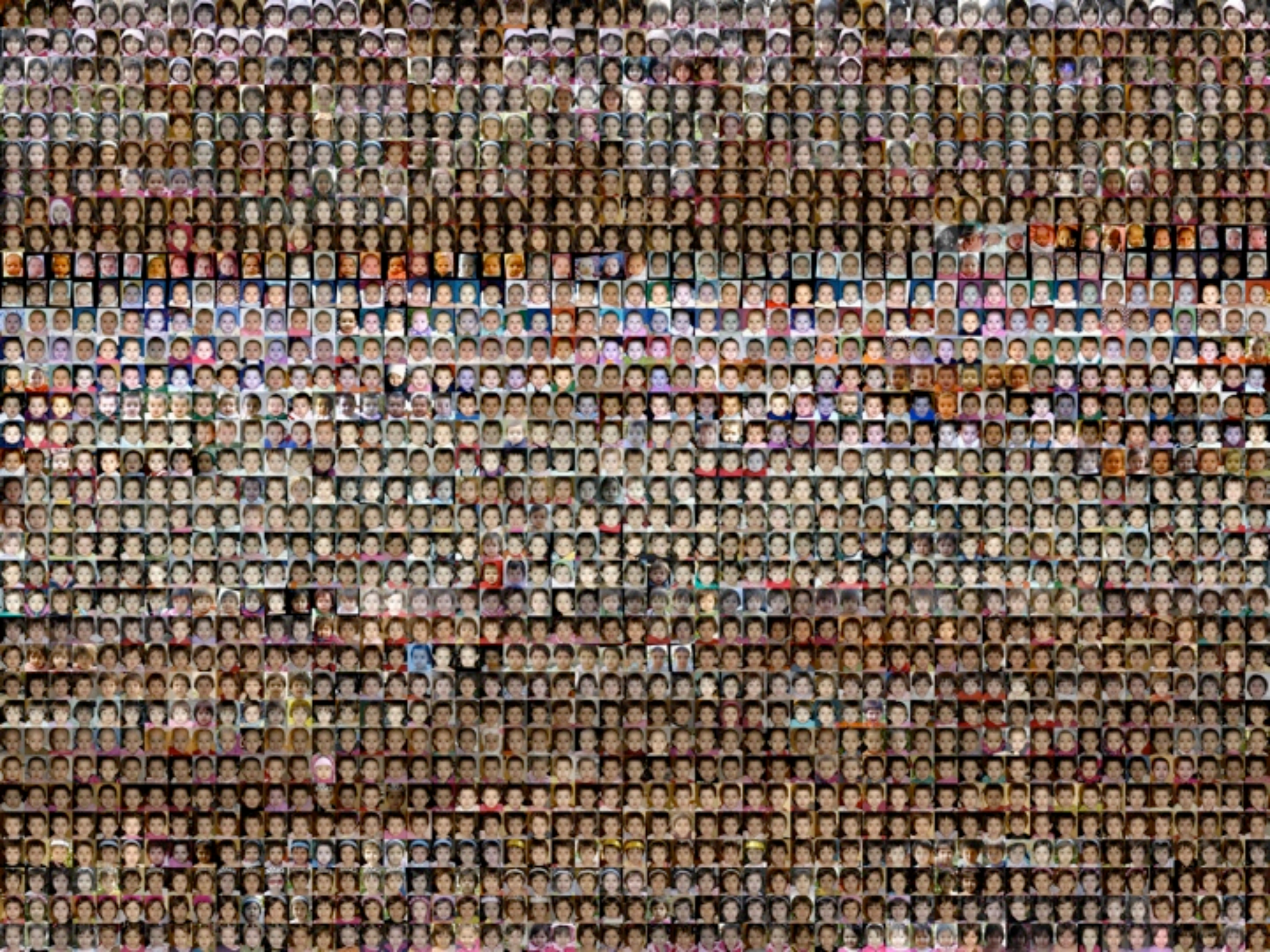
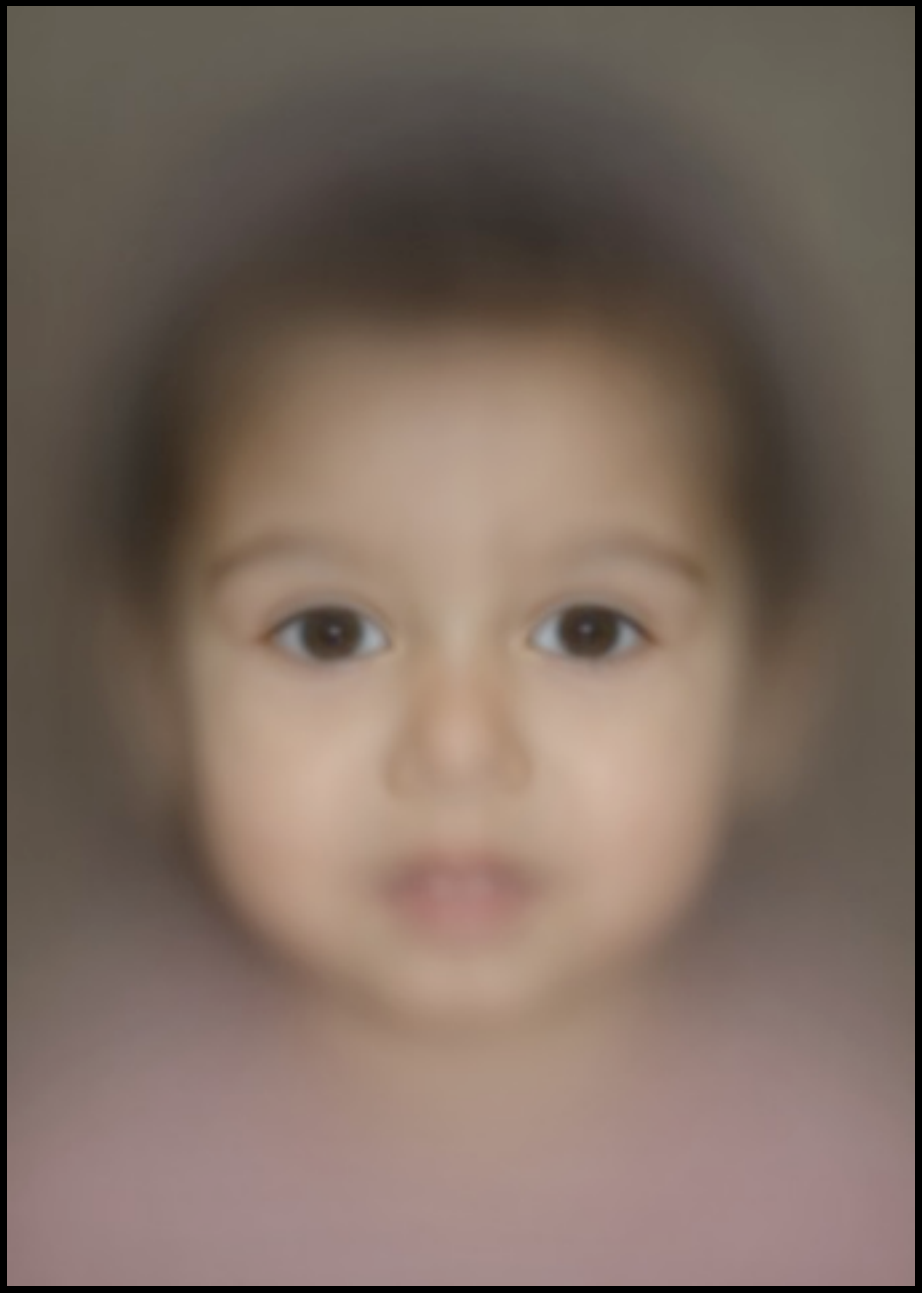
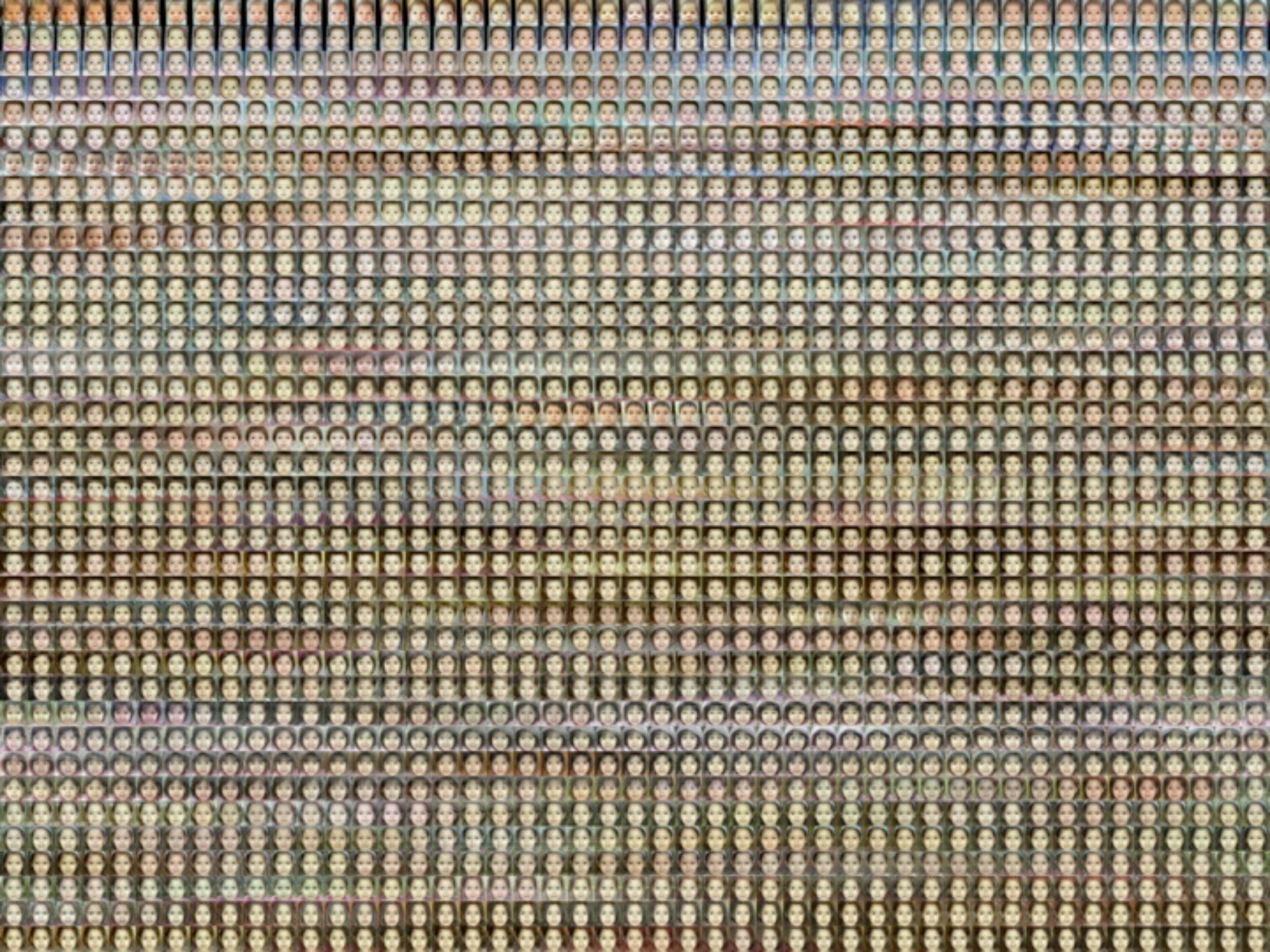
JHARGRAM



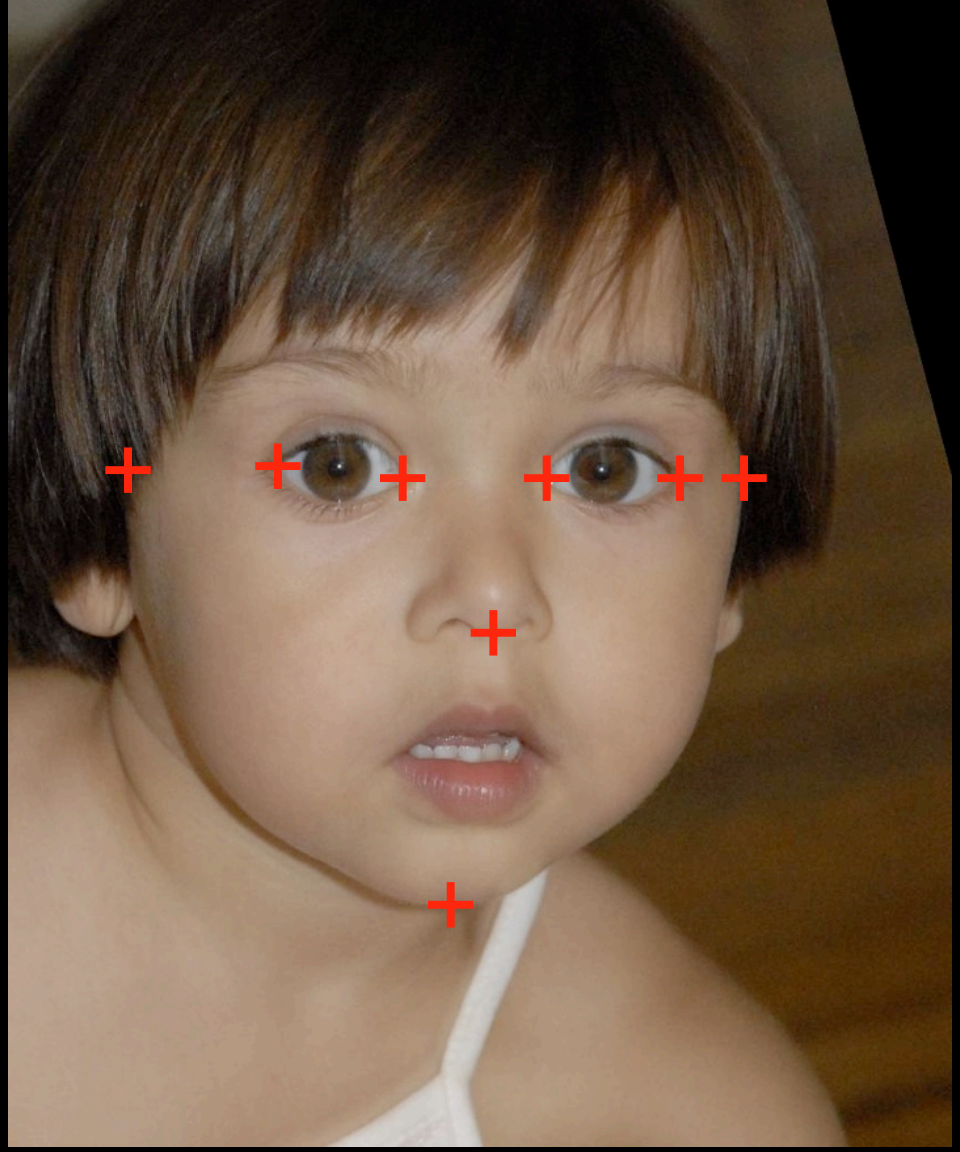


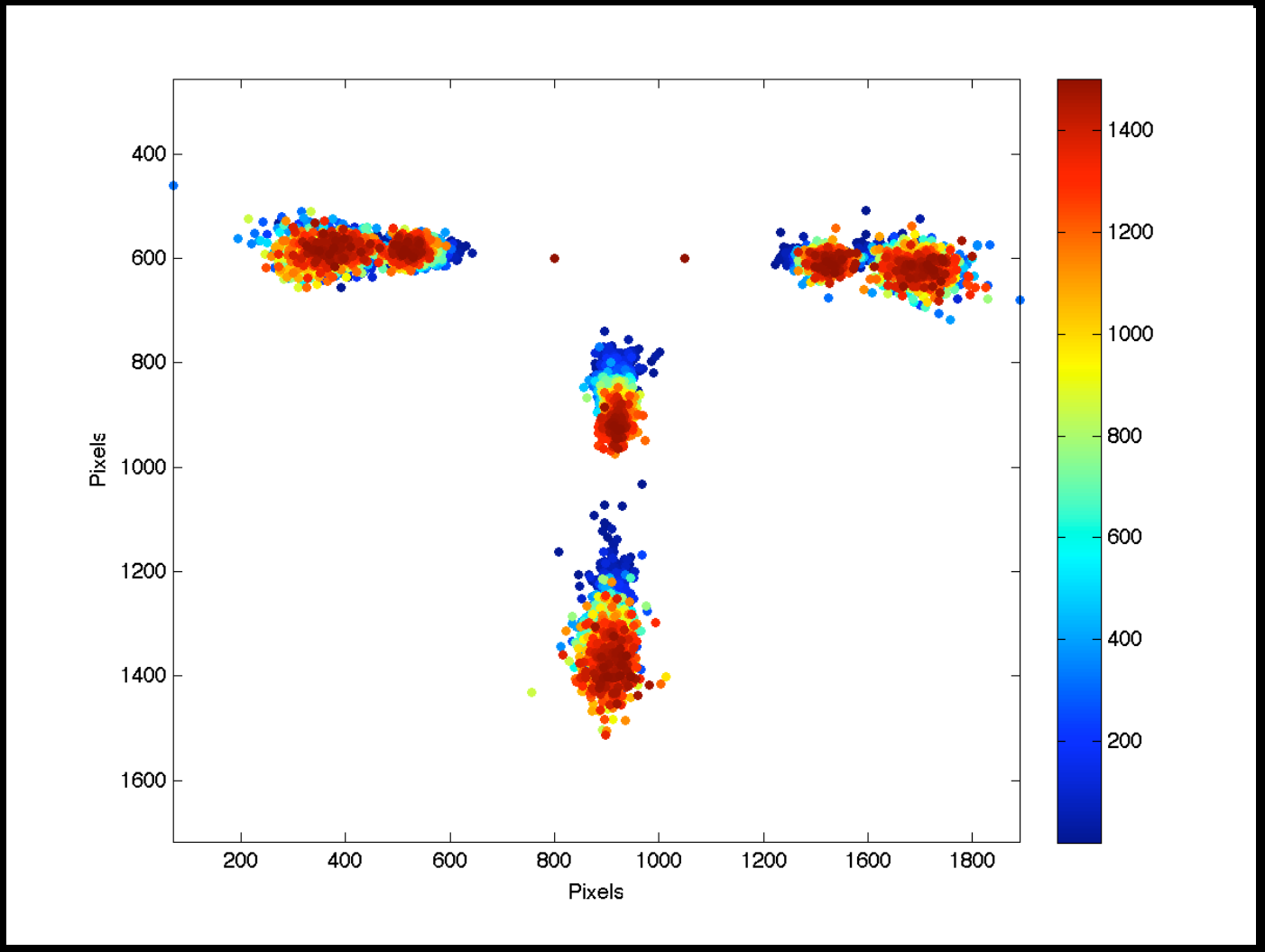






Apply to other people’s collections of disordered face data?

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800
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1200
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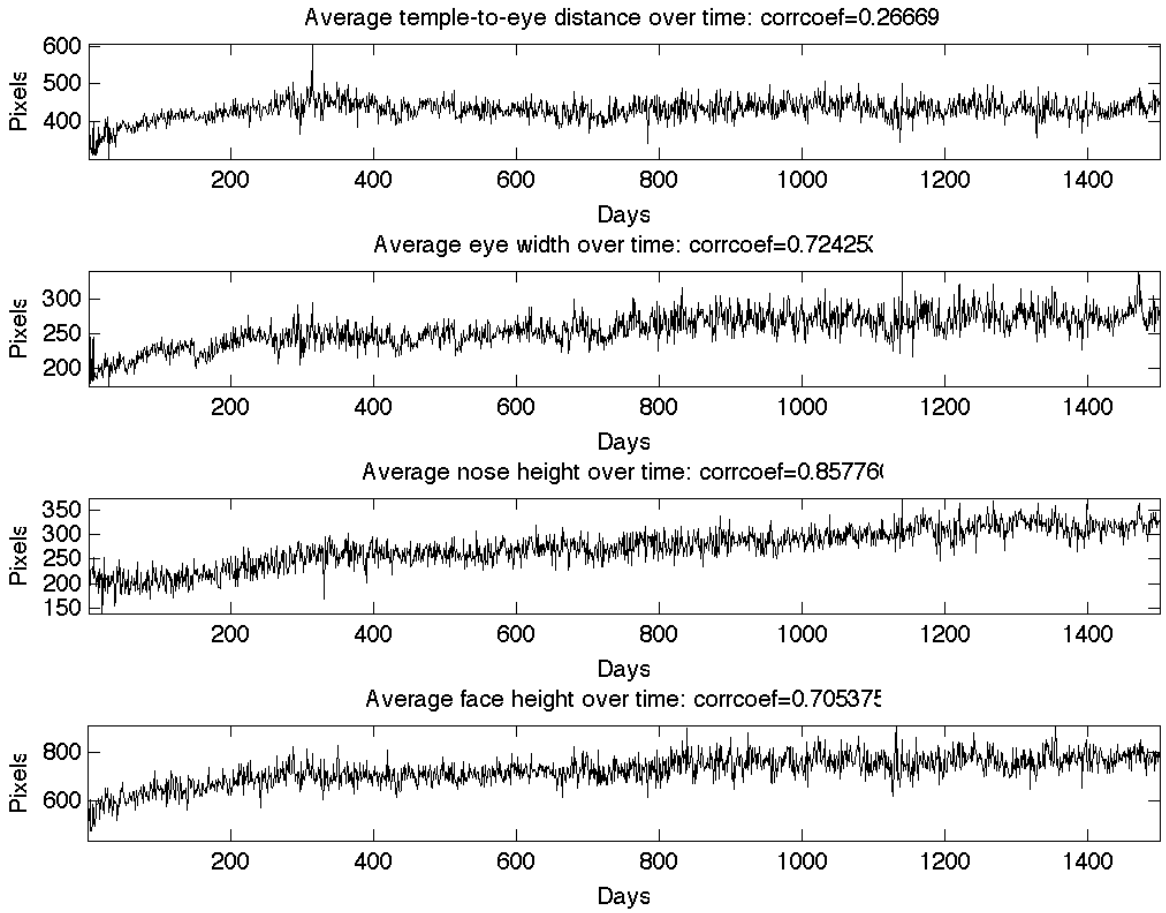
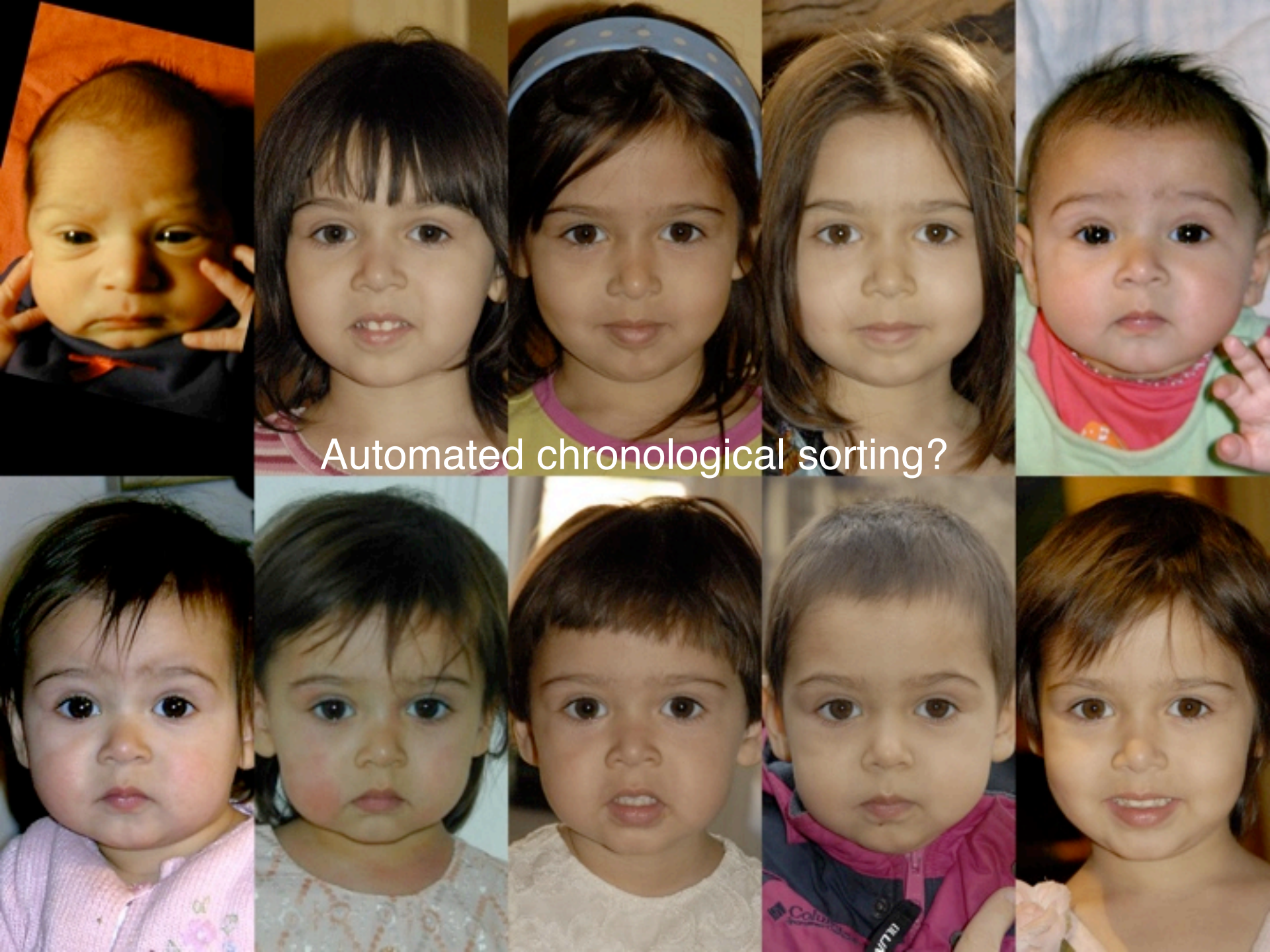
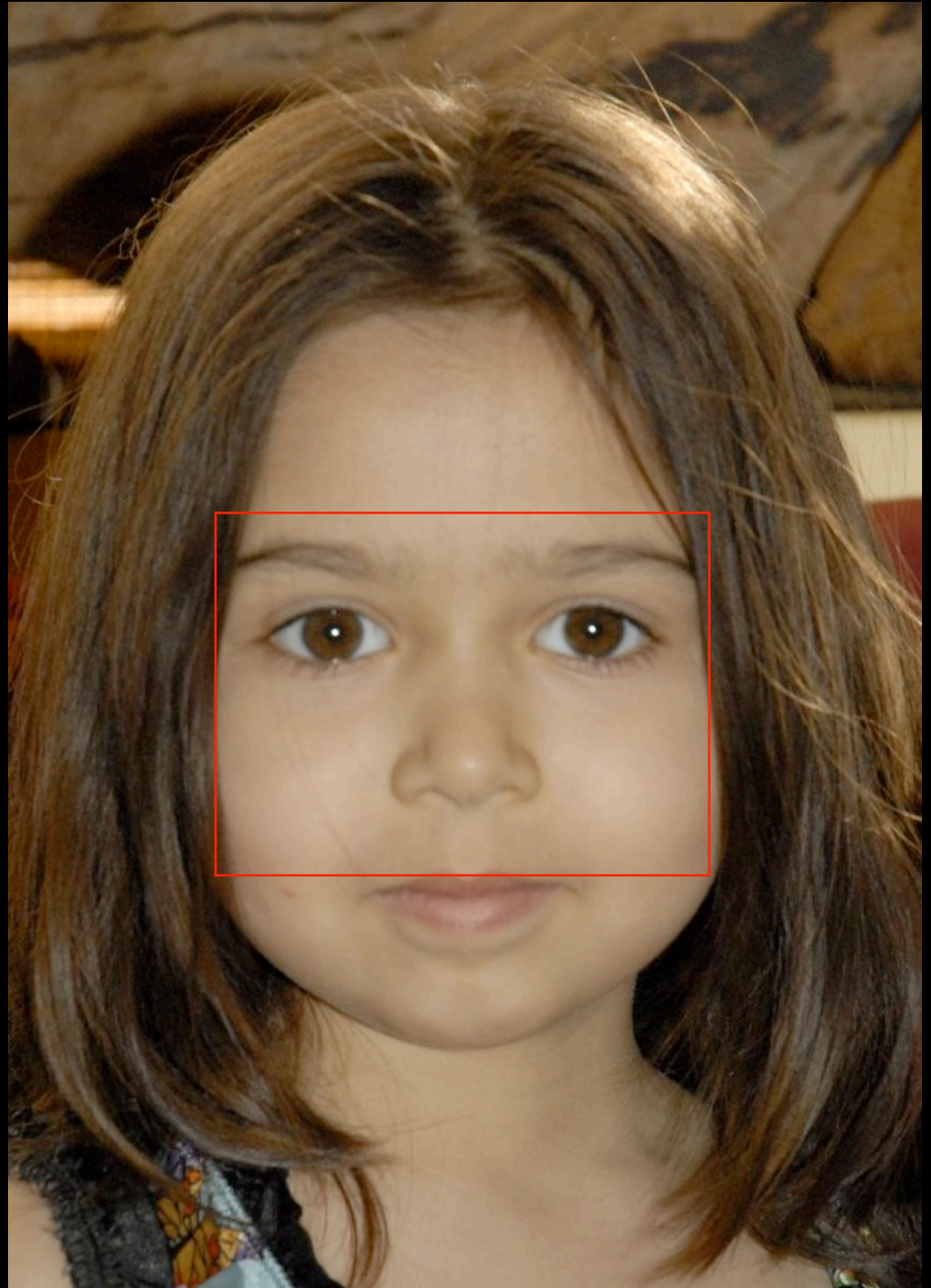
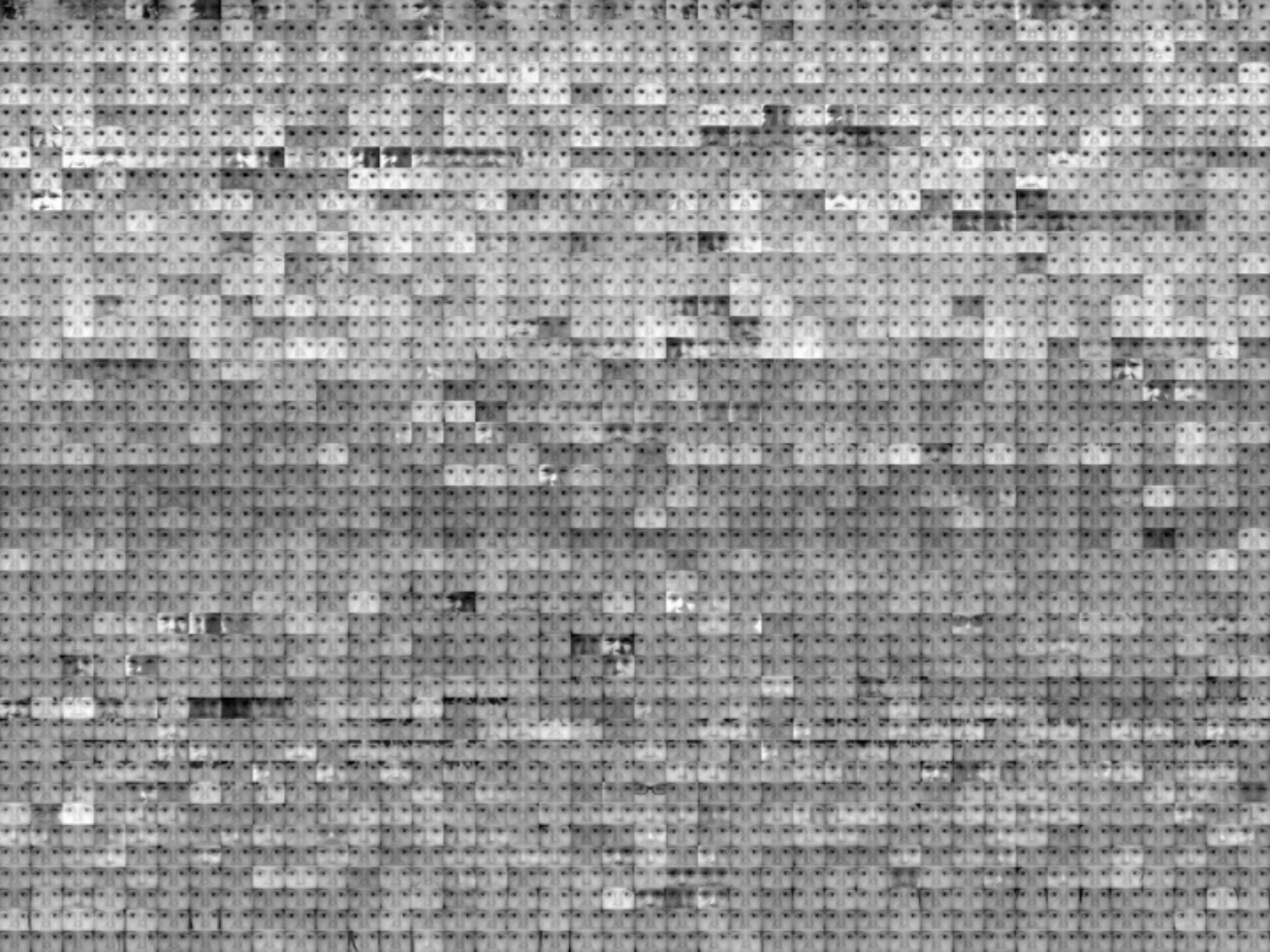
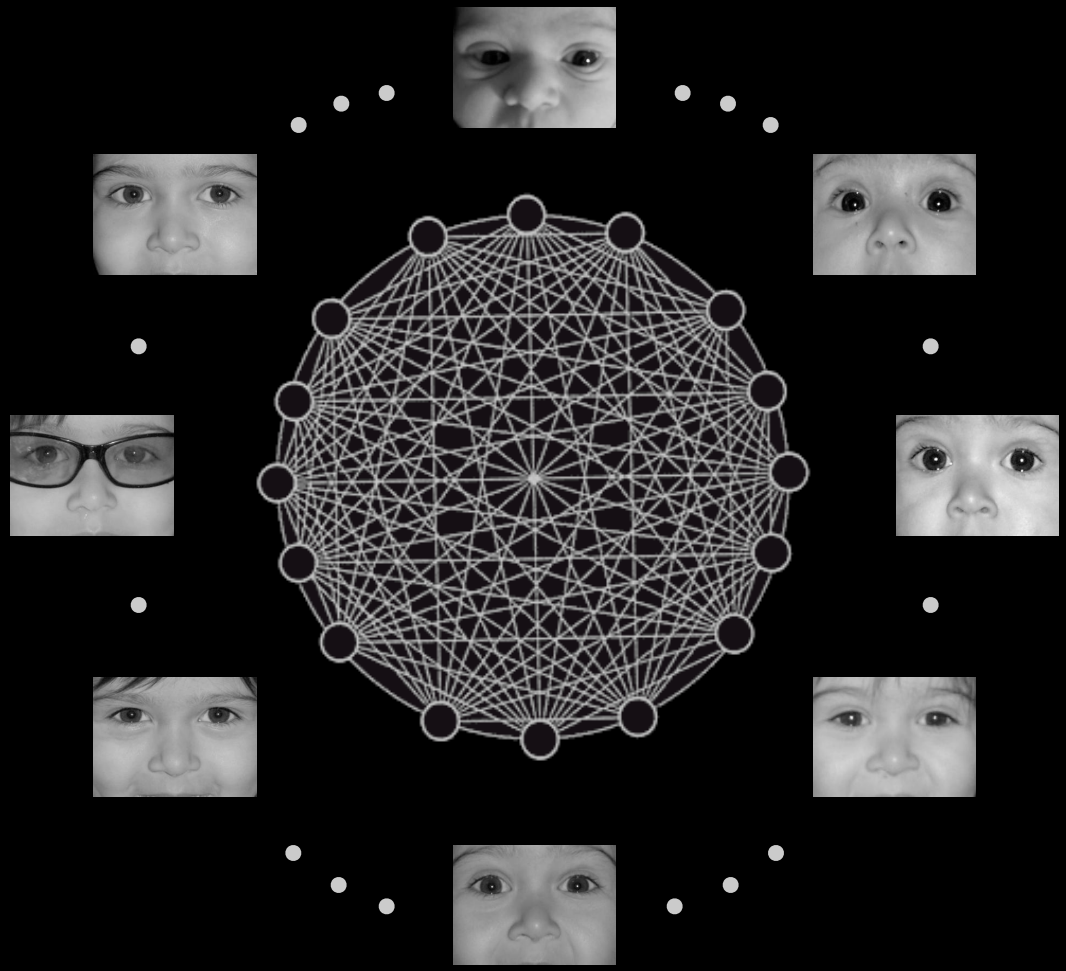

Average temple-to-eye distance over time: corrcoef=0.26669
Pixels
600
500
400
200
400
600
800
1000
1200
1400
Days
Average eye width over time: corrcoef=0.72425
Pixels
300
250
200
200
400
600
800
1000
1200
1400
Days
Average nose height over time: corrcoef=0.85776
Pixels
350
300
250
200
150
200
400
600
800
1000
1200
1400
Days
Average face height over time: corrcoef=0.705375
Pixels
800
600
200
400
600
800
1000
1200
1400
Days

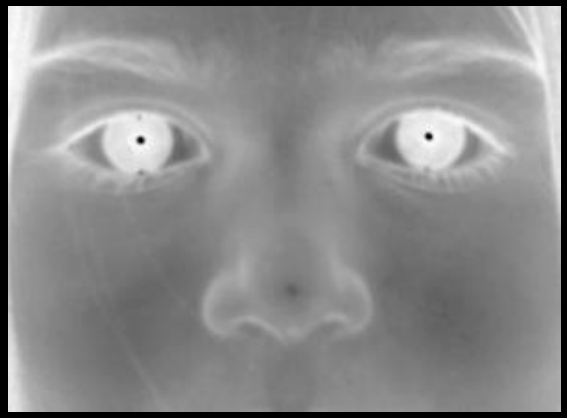

Automated chronological sorting?

झाड़ग्राम
JHARGRAM

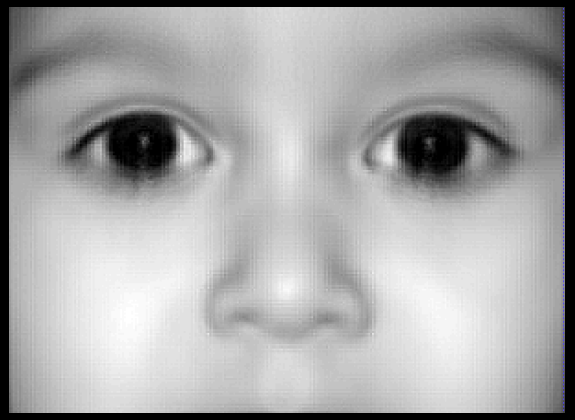








Images: Eliezer Stavsky



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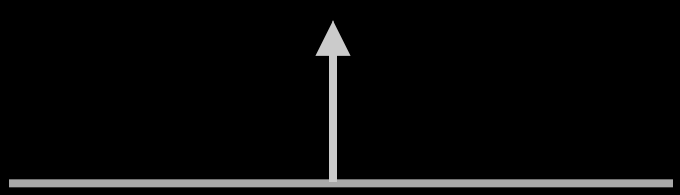

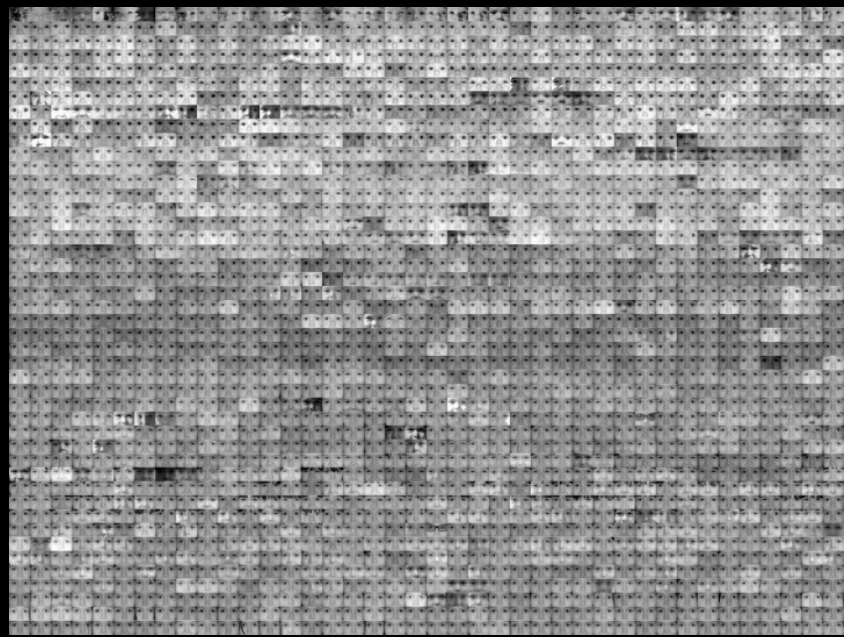

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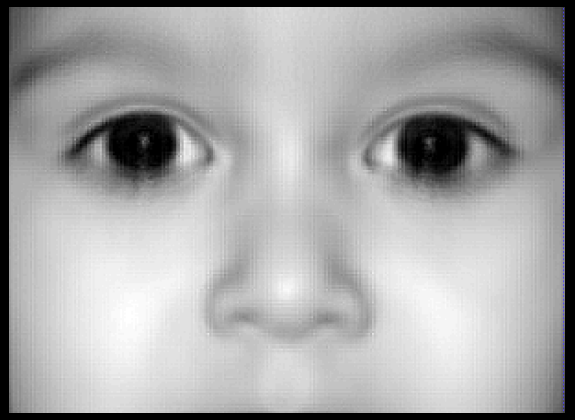

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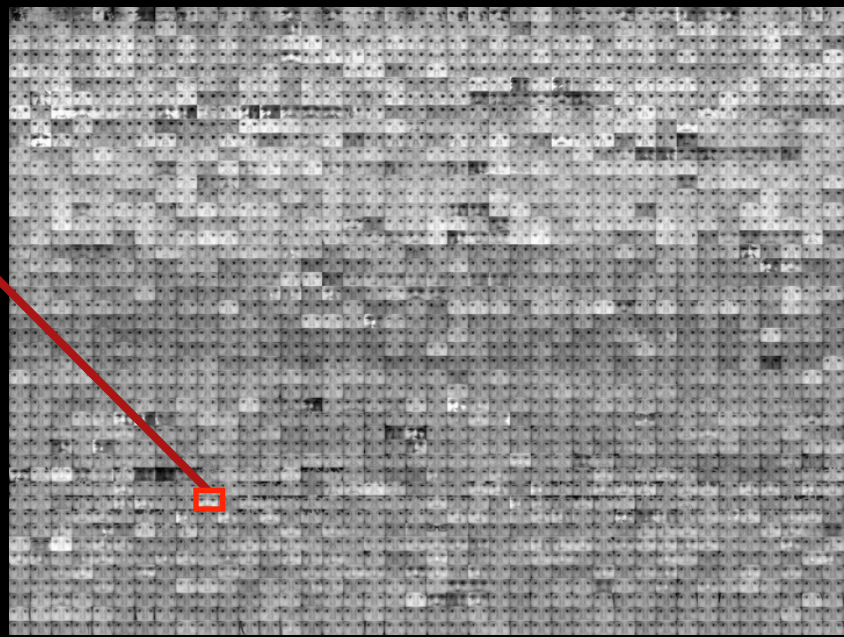

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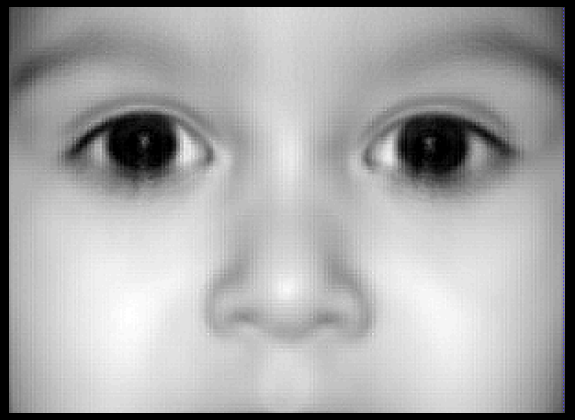

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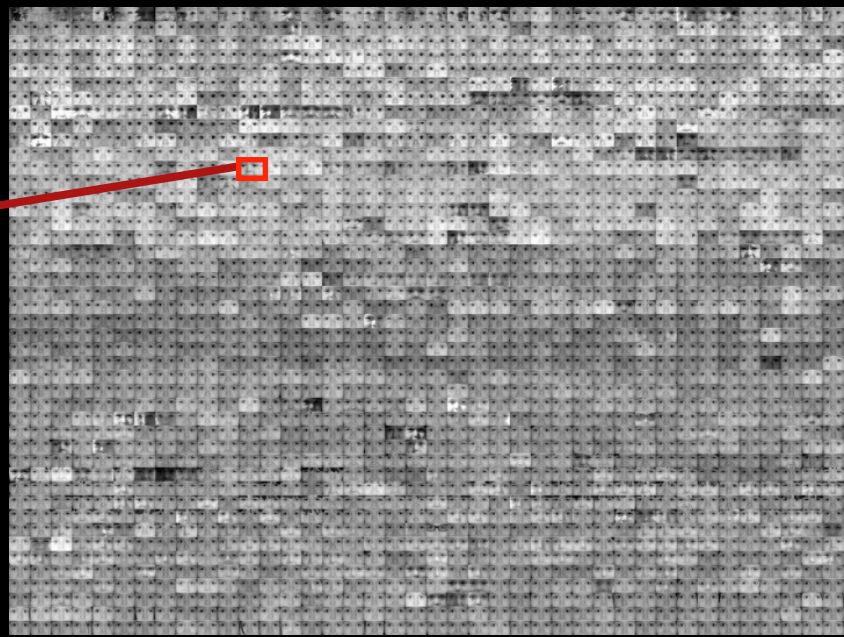

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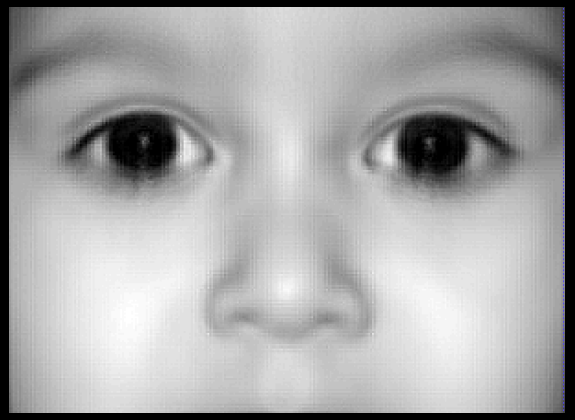

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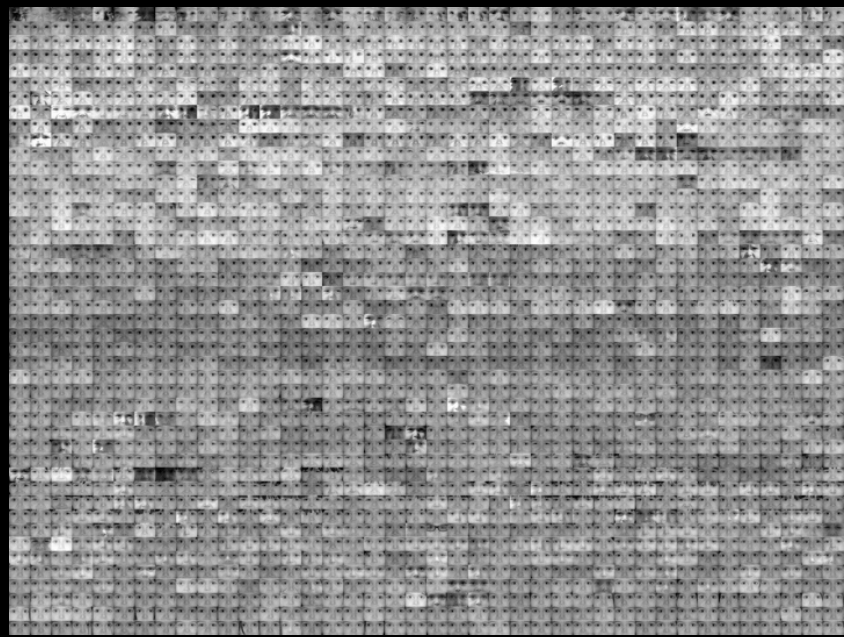

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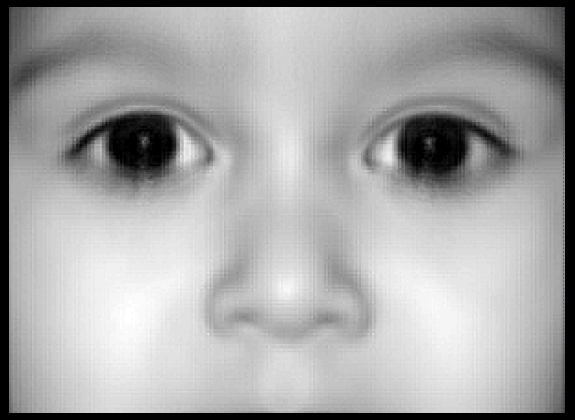

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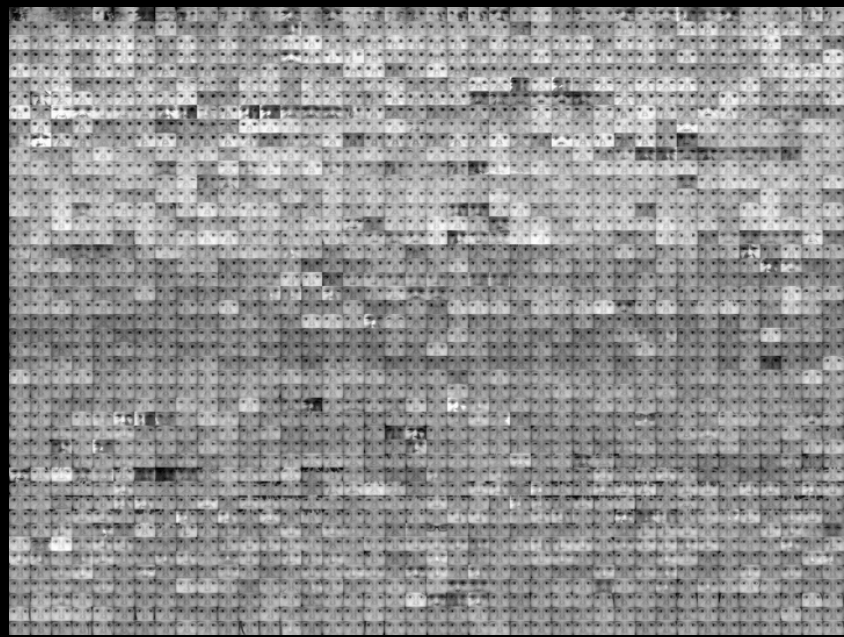

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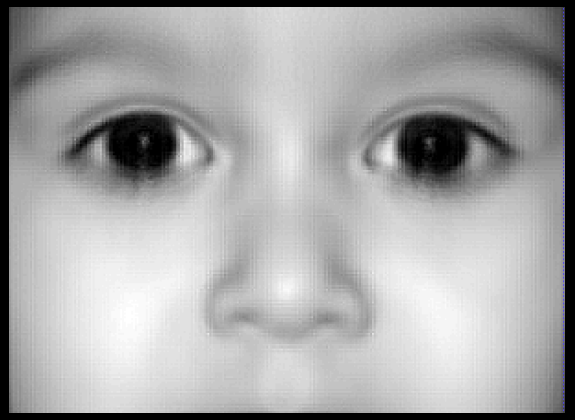

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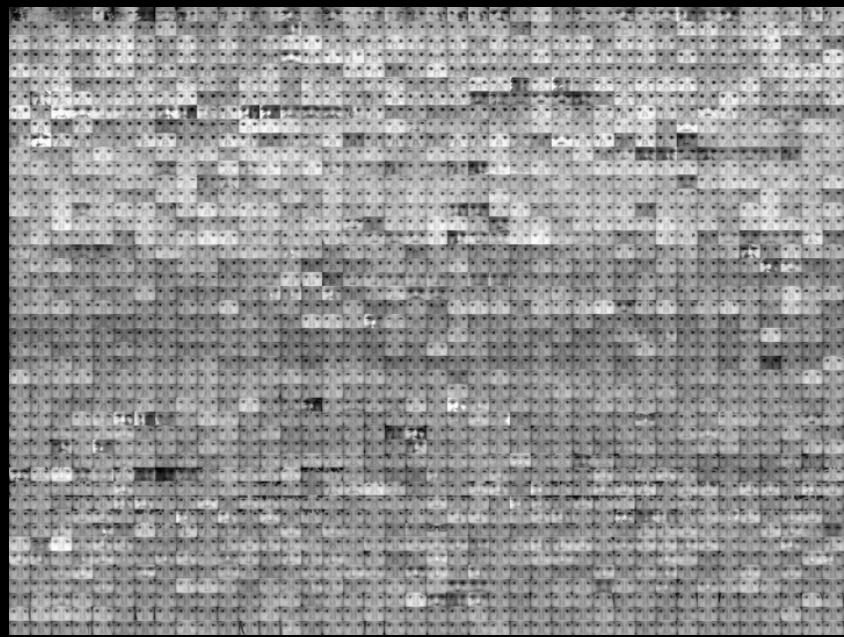
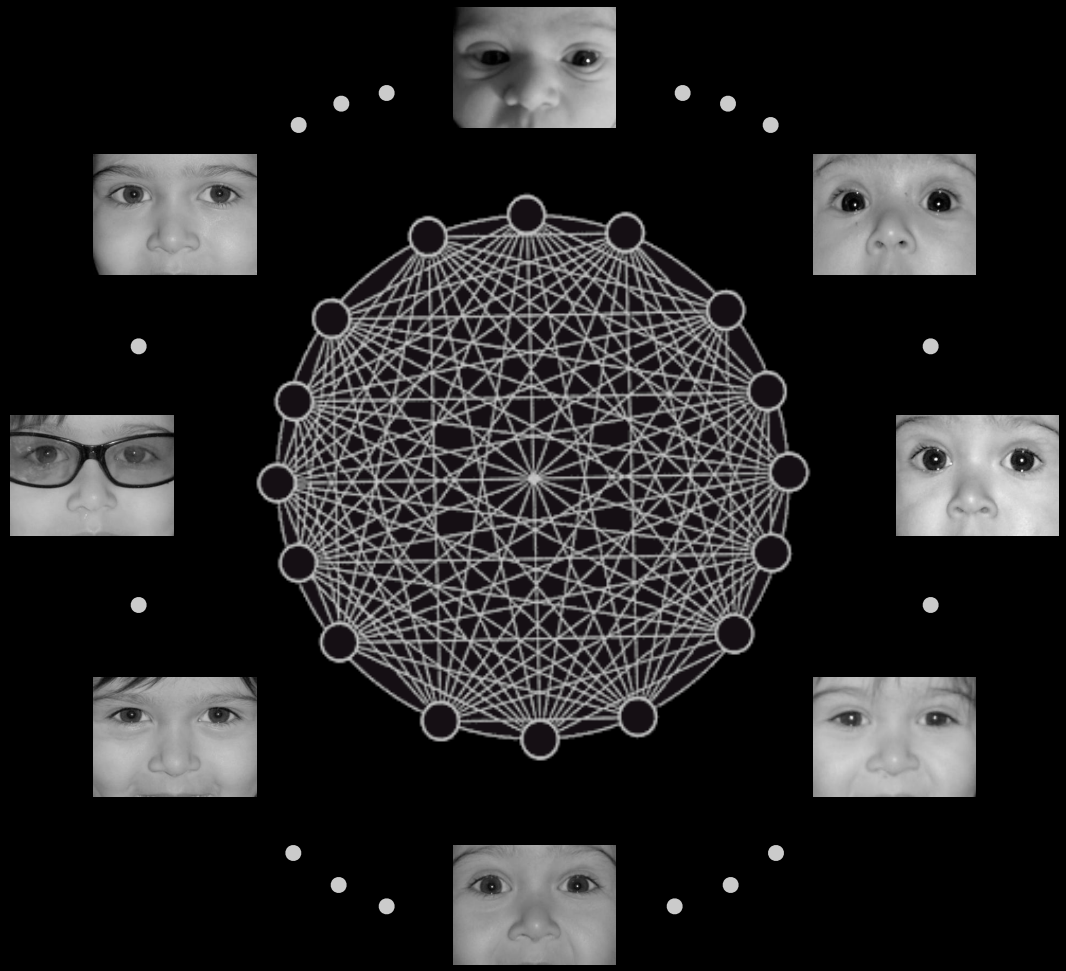
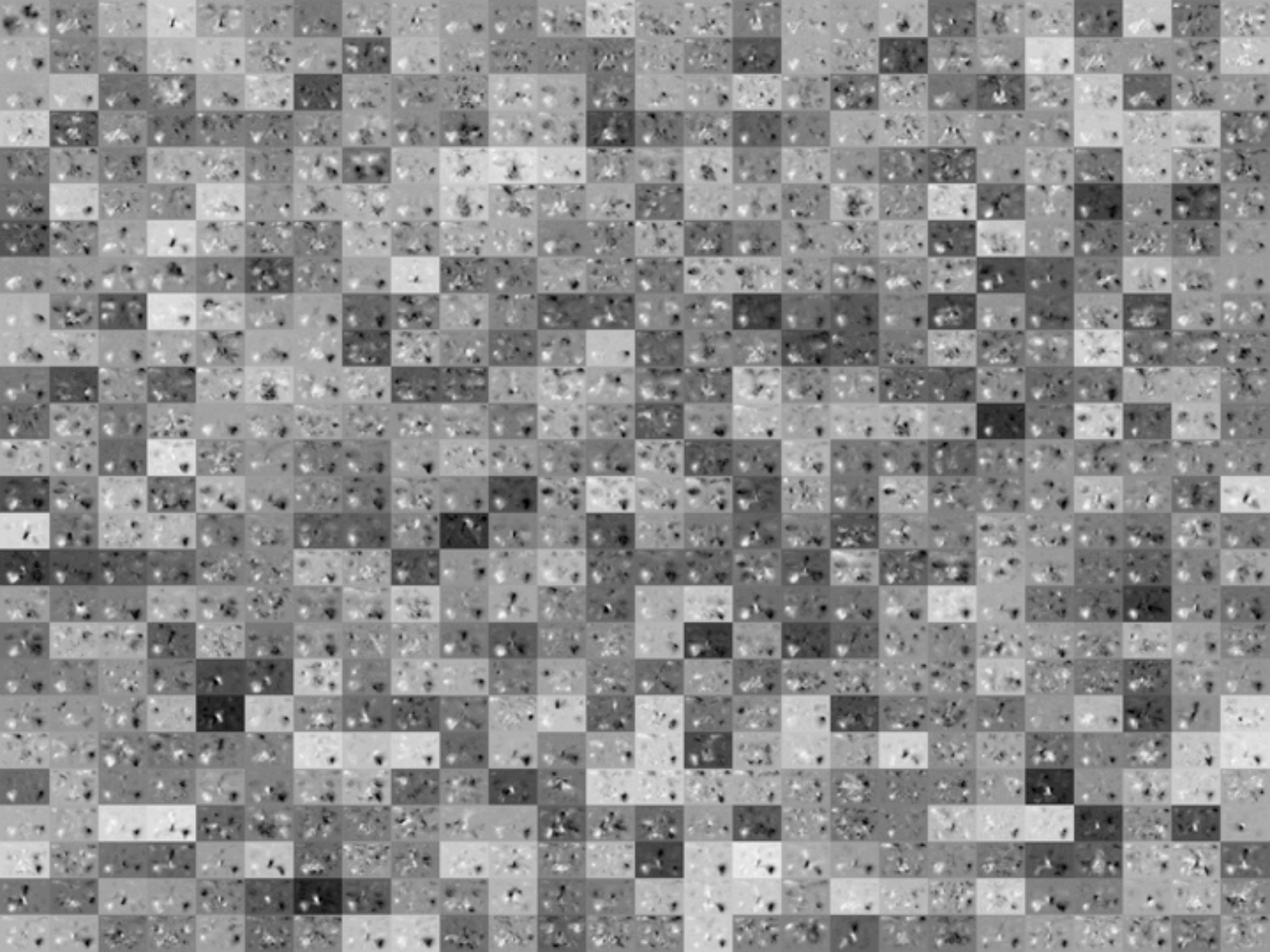
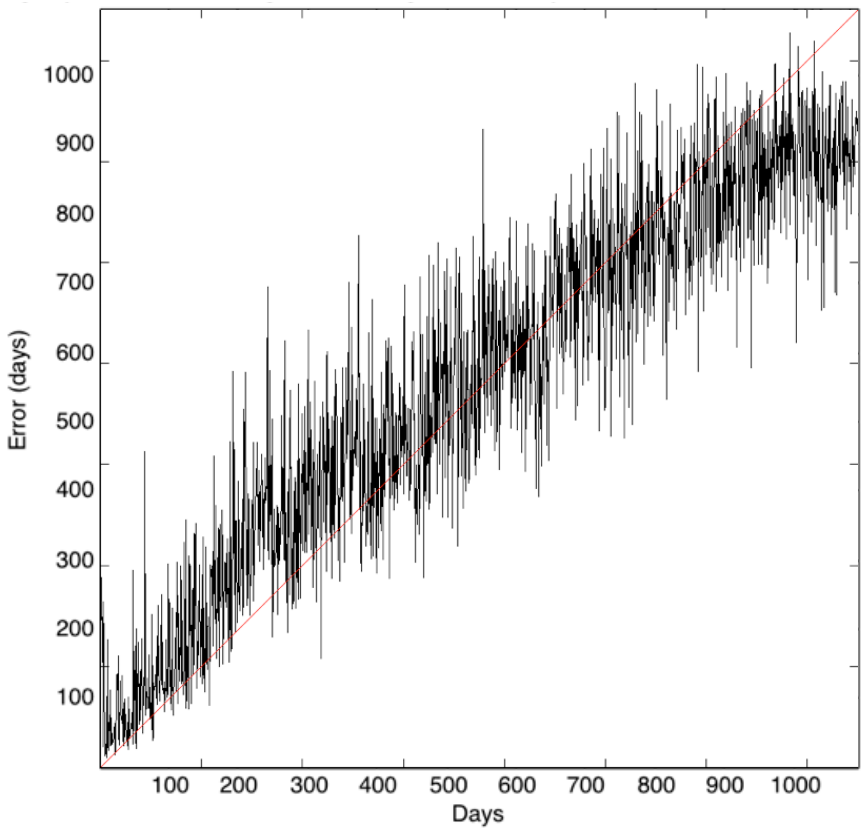


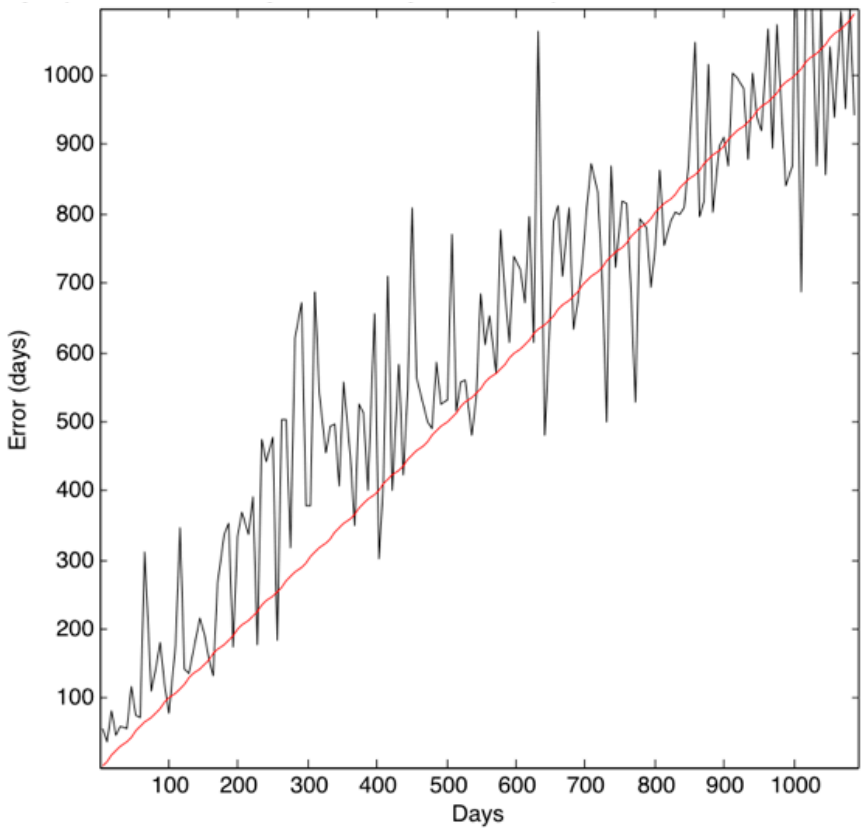




Average eye width, nose height, face height, sorted SSD:
corrcoef = 0.93, mean = 123.88, SD = 159



Average eye width, nose height, face height, sorted SyN:
corrcoef = 0.92, mean = 99.30, SD = 120



Shape analysis: Laplace-Beltrami spectra

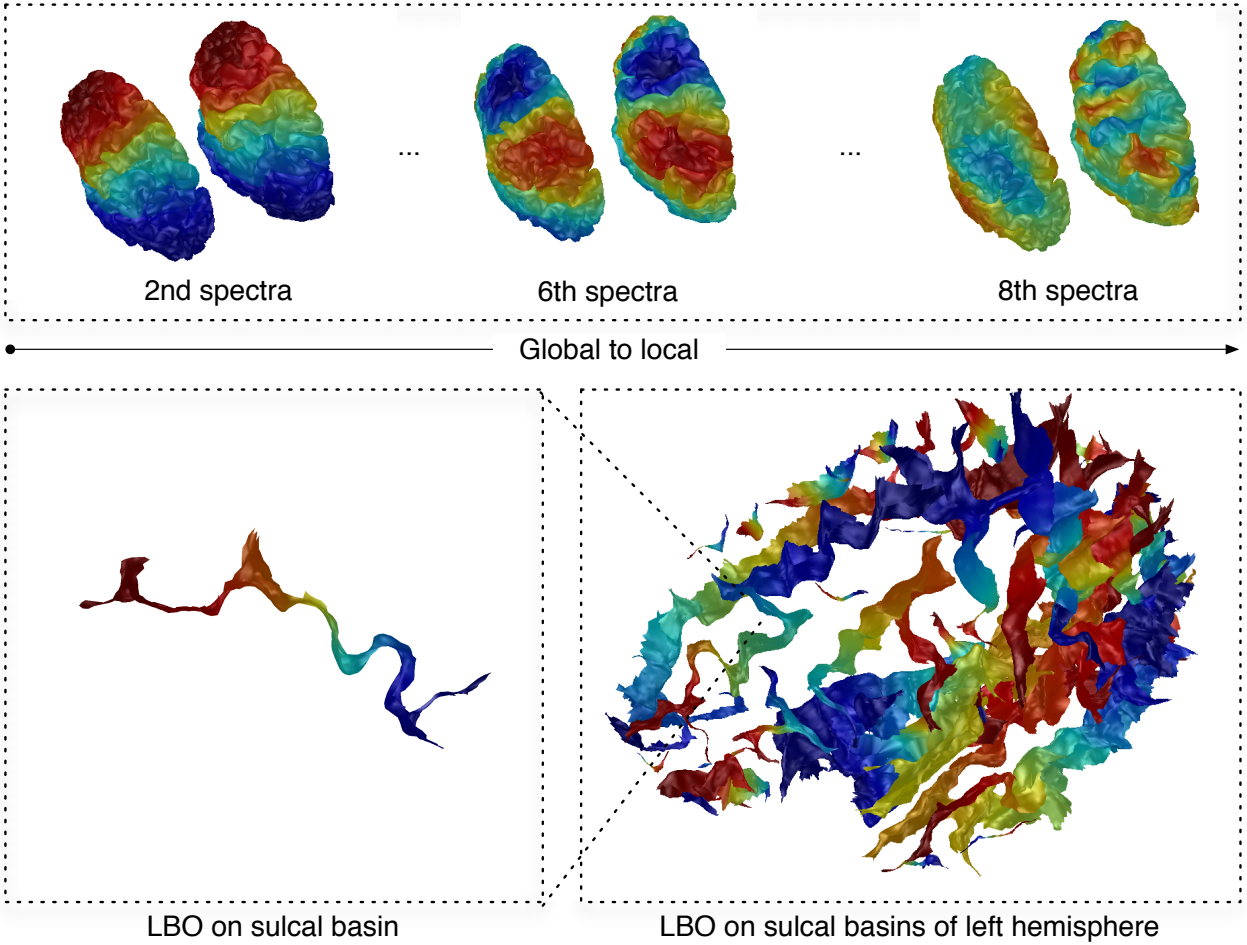


Image: Eliezer Stavsky

Images: Brian Avants

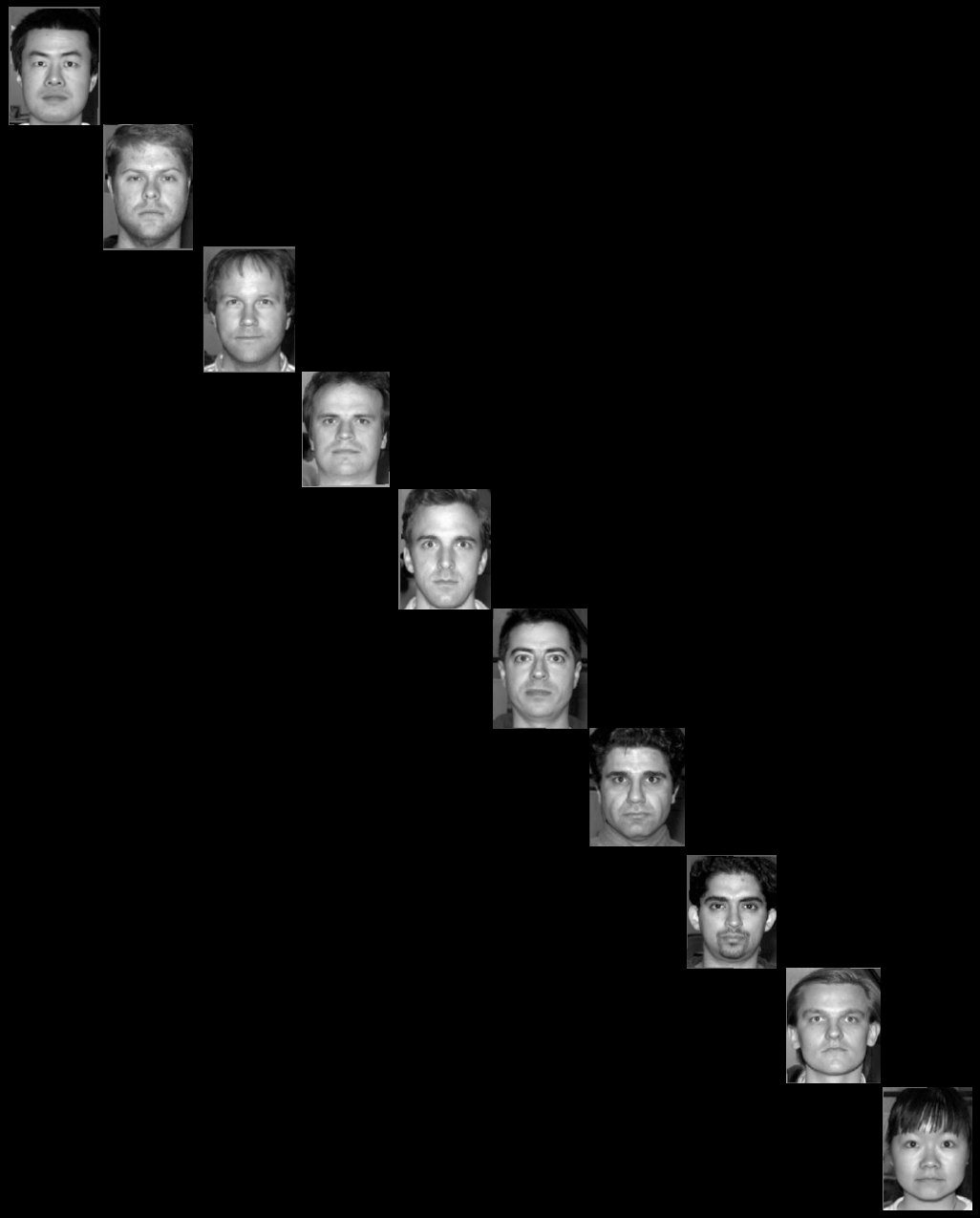


Image: Brian Avants

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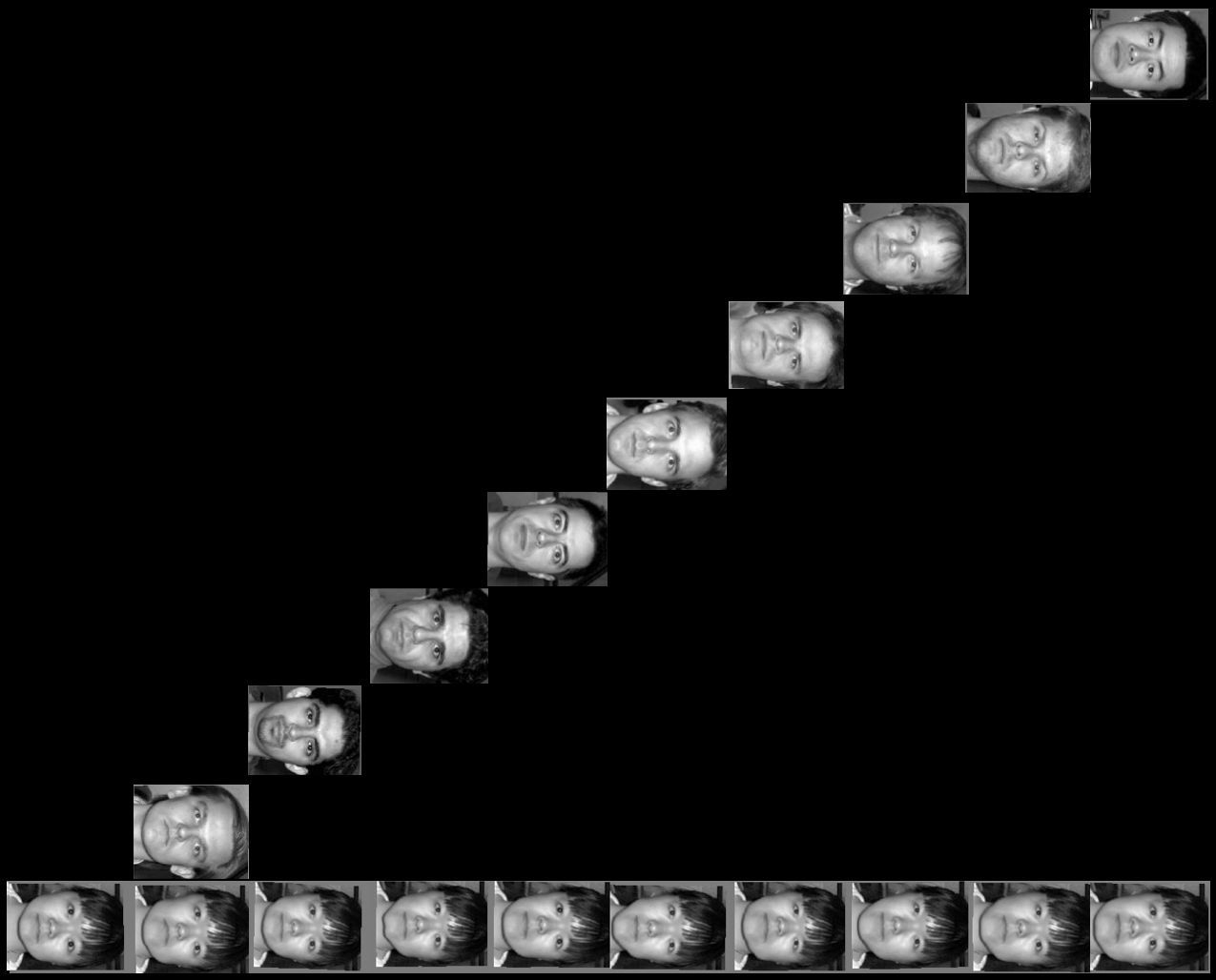
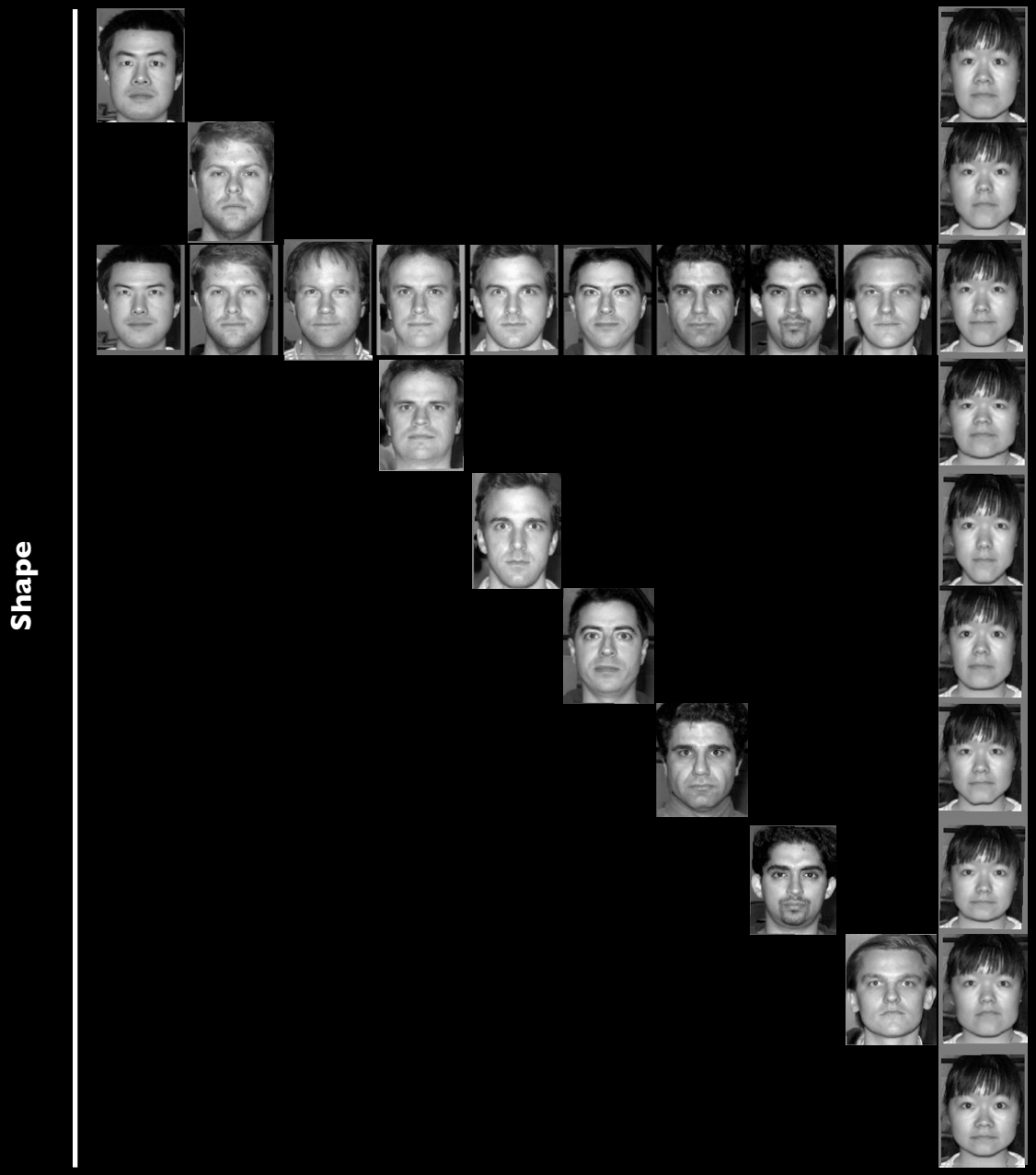
Shape





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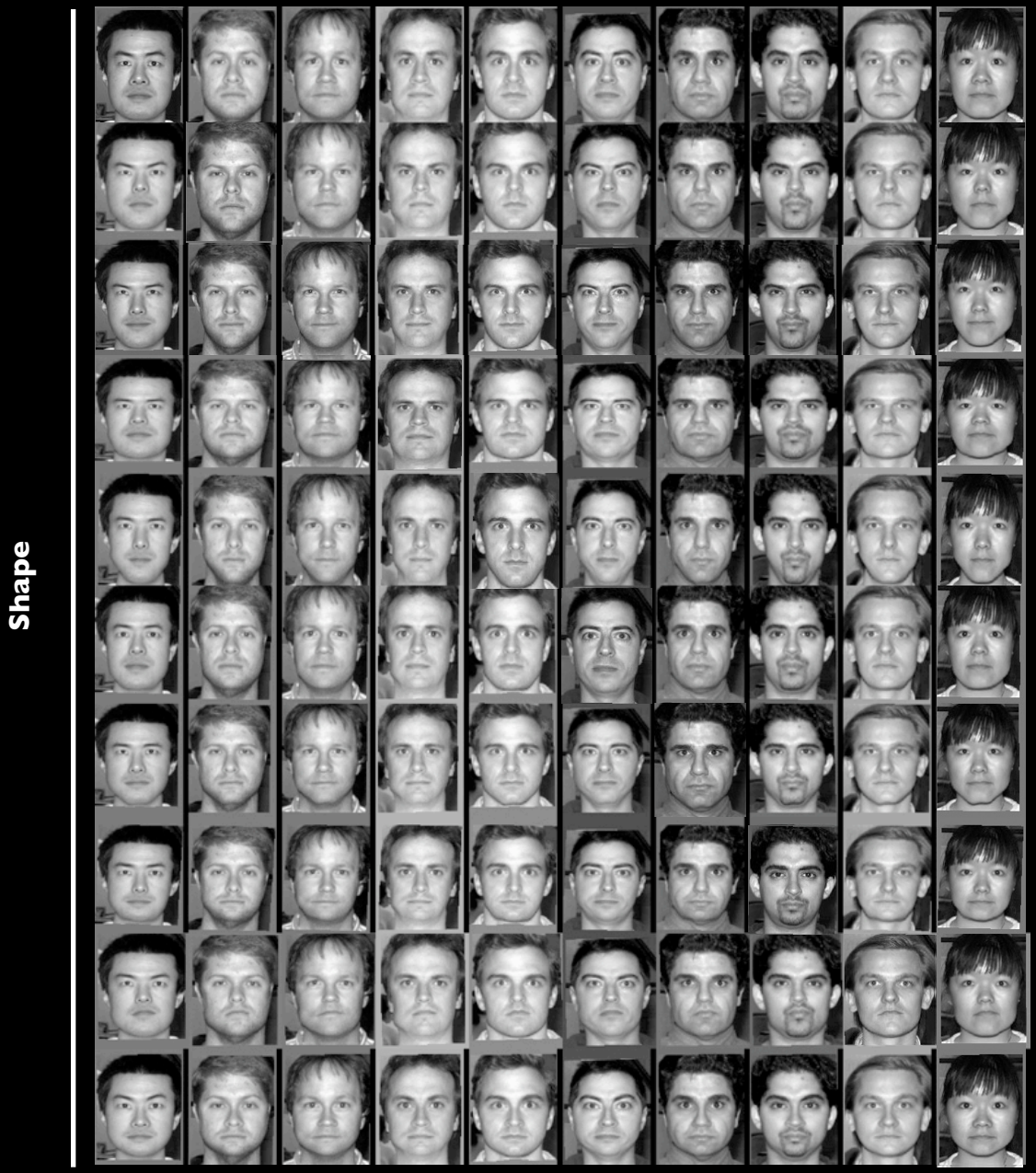

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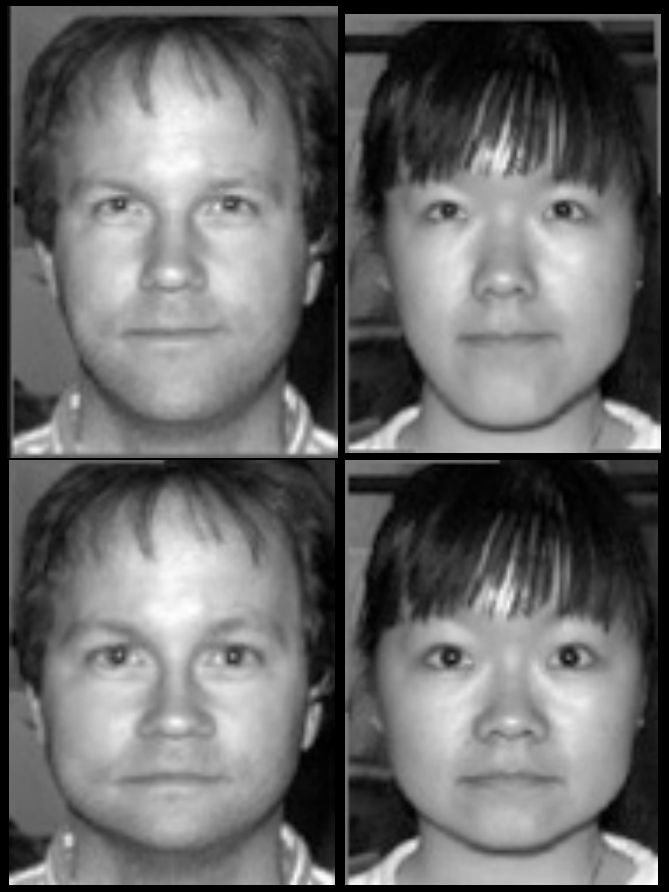


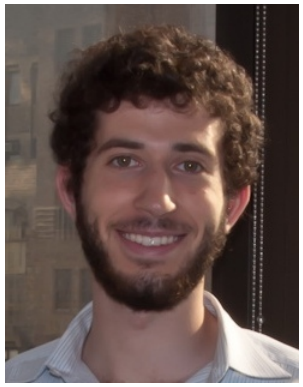
Images: Brian Avants

Acknowledgments

The subject

Ellora Klein

Shape analysis



Eliezer Stavsky
Graduate student

Face registration

Brian Avants
Asst. Professor, UPenn