Online Supplemental Materials

Oriet, C., & Fitzgerald, R. J. (2018). The single lineup paradigm: A new way to manipulate target presence in eyewitness identification experiments. *Law and Human Behavior, 42,* 1-12. http://dx.doi.org/10.1037/lhb0000272

Copyright

The faces in the Experiment 3 lineups were selected from the Glasgow Unfamiliar Face Database (Burton, White, & McNeill, 2010). The copyright holder has permitted us to include the faces in academic publications. For those wishing to use these stimuli, we recommend contacting the copyright holder.

Legend

Table S1. Legend of Lineup Stimuli Labels

Perpetrator Identity	Perpetrator Presence	Filler Similarity	Filler Matching	Suspect Position
19	PA = Perpetrator-Absent Lineup	L = Low	P = Perpetrator-Matched	1 = Upper Left
77	PP = Perpetrator-Present Lineup	H = High	S = Suspect-Matched	2 = Upper Center
92				3 = Upper Right
133				4 = Lower Left
206				5 = Lower Center
266				6 = Lower Right

Perpetrator Identity labels corresponds with the person's identity number in the GUFD database. Images are in Figure S1. The videos that were used at the encoding stage in Experiment 3 can be downloaded at osf.io/zc47d. Figure S2 depicts a forest plot of effect sizes for suspect identification rates in Low versus High similarity lineups for each pair of perpetrators in Experiment 3.

Perpetrator-matched lineups were constructed with the traditional dual-lineup paradigm. Suspect-matched lineups were constructed with the single-lineup paradigm. See Figure S3.

Lineup Stimuli - Labelling Conventions

The lineups files are labelled in the following format:

[Perpetrator Identity][Perpetrator Presence][Filler Similarity][Filler Matching[1]][Suspect Position]

e.g.,

19PAPH2 = Perpetrator Identity 19, Perpetrator Absent, Perpetrator Matched, High Similarity Fillers, Suspect Position 2

77PPL5 = Perpetrator Identity 77, Perpetrator Present, Suspect Matched, Low Similarity Fillers, Suspect Position 5

[1] Filler-matching only applies to perpetrator-absent lineups and is not specified for perpetrator-present lineups

Perpetrator Pair	Identity 1 - Identity 2	Identity 1	Identity 2
1	19 - 133		
2	92 - 266		
3	77 - 206		

Figure S1. Perpetrator pairs.

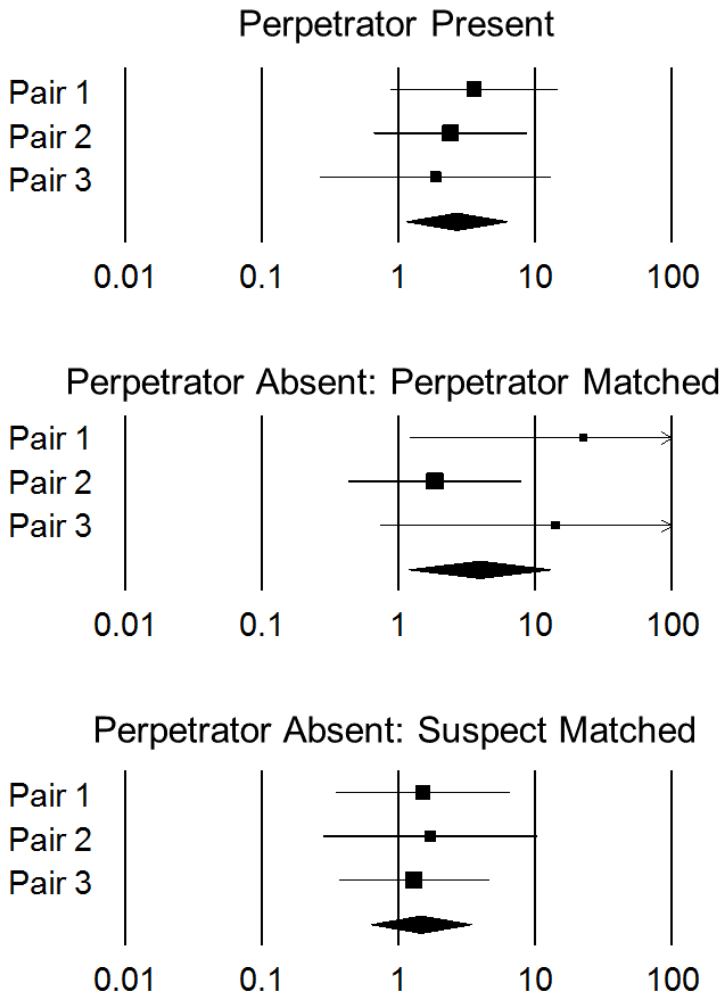


Figure S2. Forest plot for suspect identification rates in Low versus High similarity lineups (Experiment 3). Individual effect sizes are depicted as rectangles, with 95% confidence intervals depicted as horizontal lines. The average weighted summary effect size and 95% confidence intervals are depicted as a diamond. All effect sizes are odds ratios. Odds ratios greater than 1 indicate a higher suspect identification rate in the Low similarity lineup. Odds ratios less than 1 indicate a higher suspect identification rate in the High similarity lineup.

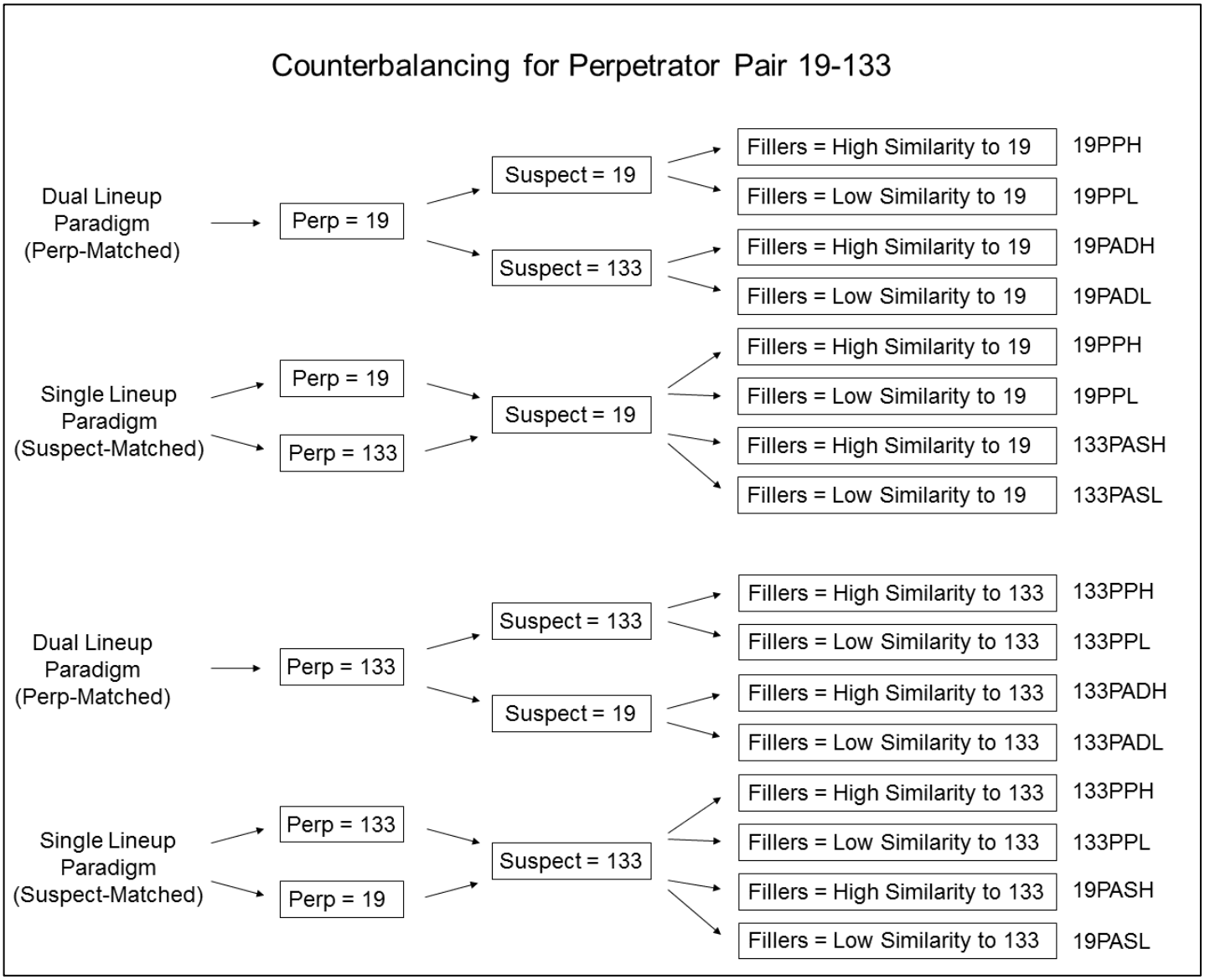
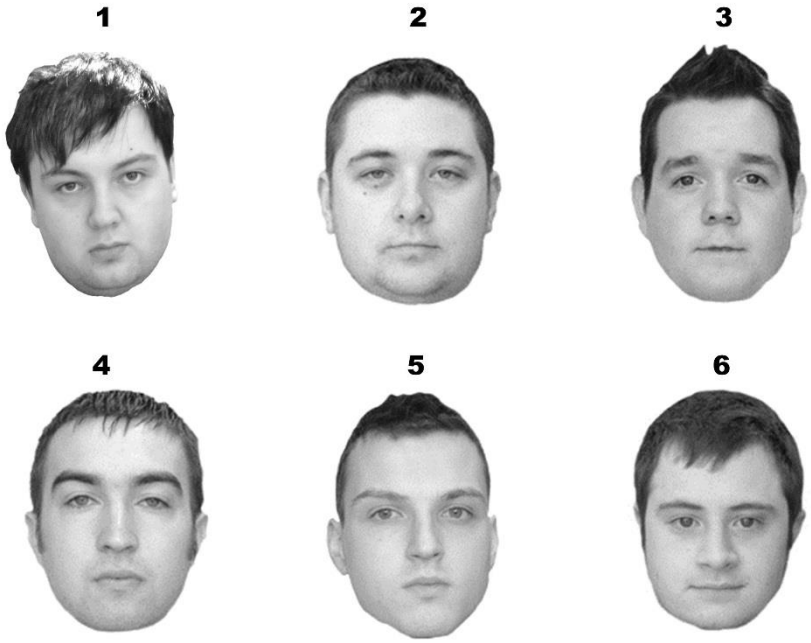


Figure S3. This flowchart depicts the experimental and counterbalancing procedure for one of the perpetrator pairs in Experiment 3. Suspect position was also counterbalanced, but we omitted that procedure from this flowchart to focus on the most relevant counterbalancing for the dual and single lineup paradigms. The paradigm has no consequence on how fillers are matched in the perpetrator-present condition (fillers are matched to the perpetrator in the dual-lineup paradigm and matched to the suspect, who is the perpetrator, in the single-lineup paradigm).

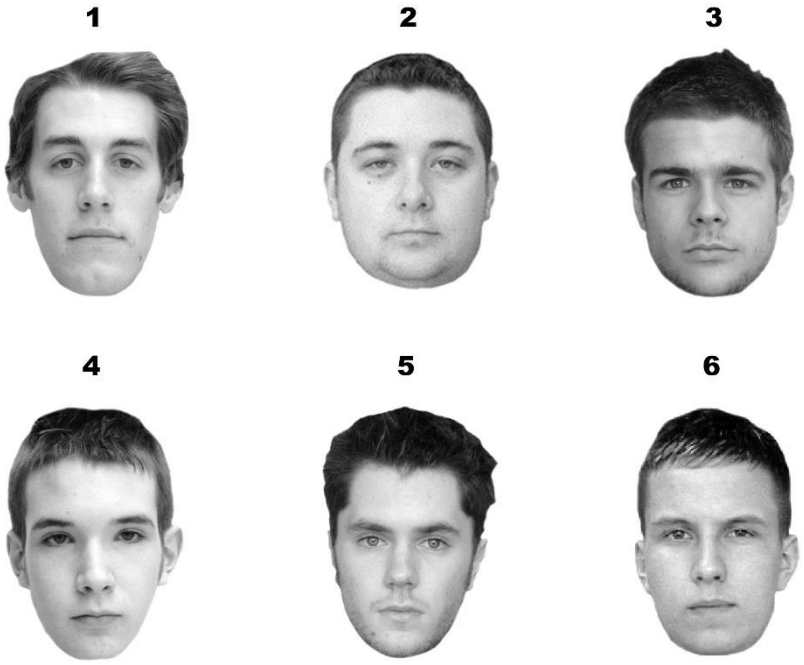
Lineups Administered to Participants who saw Perpetrator Identity 19

19PPH2



19PPH4

19PPL2



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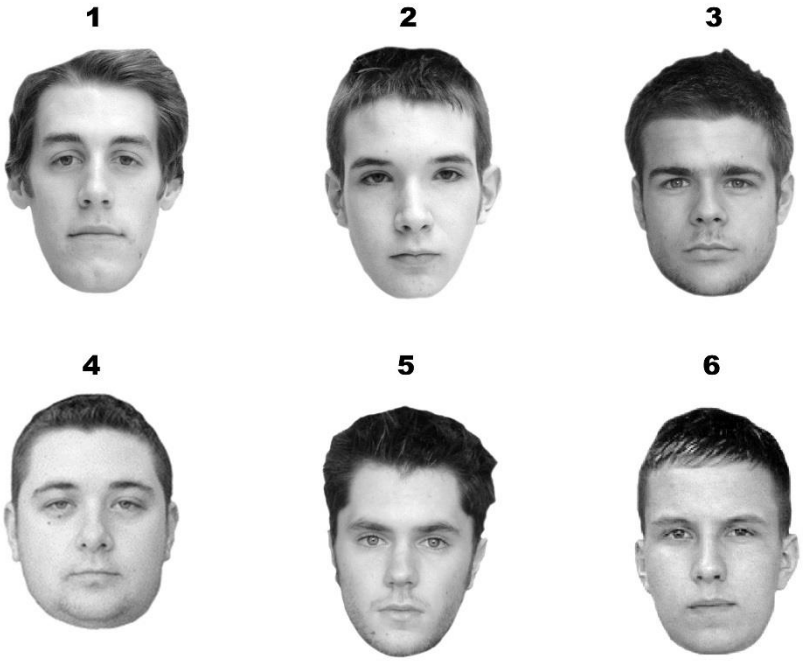

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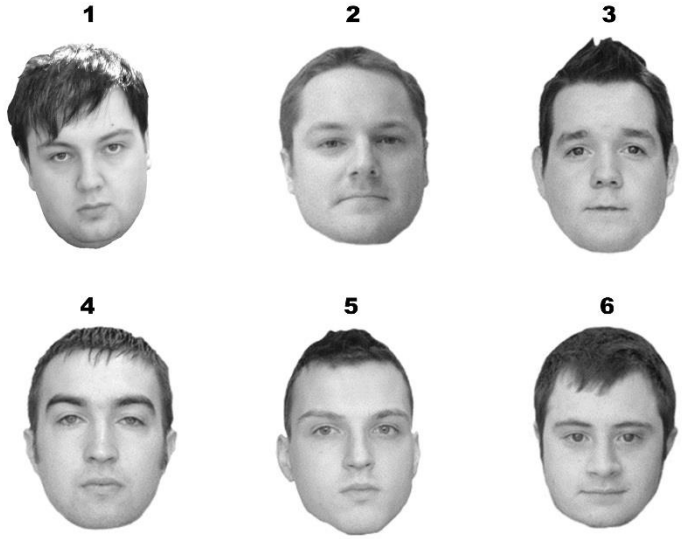
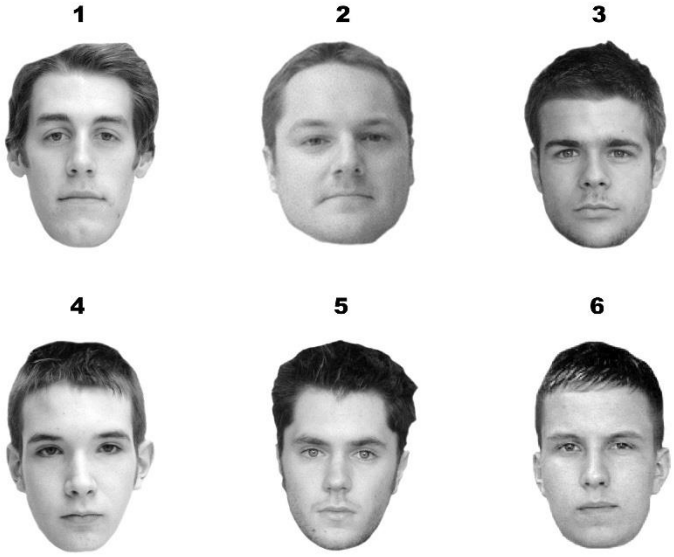


19PAPH4

19PAPL2



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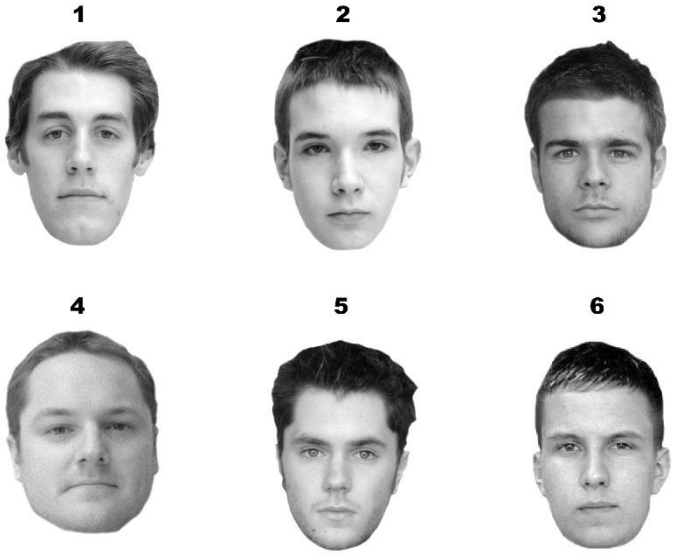

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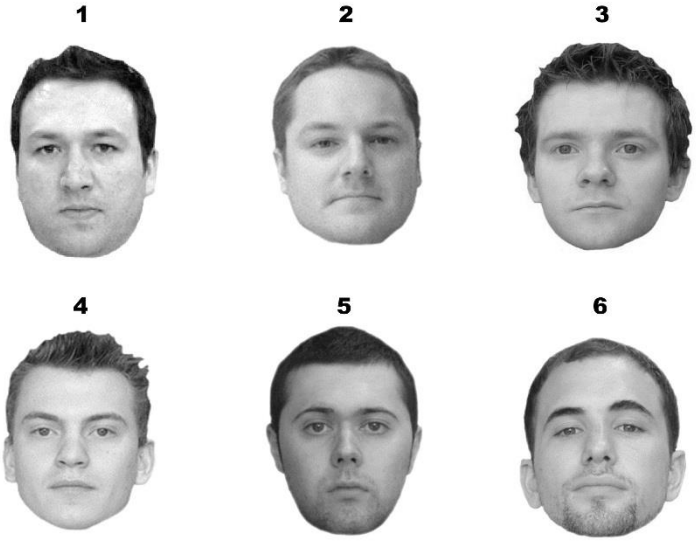

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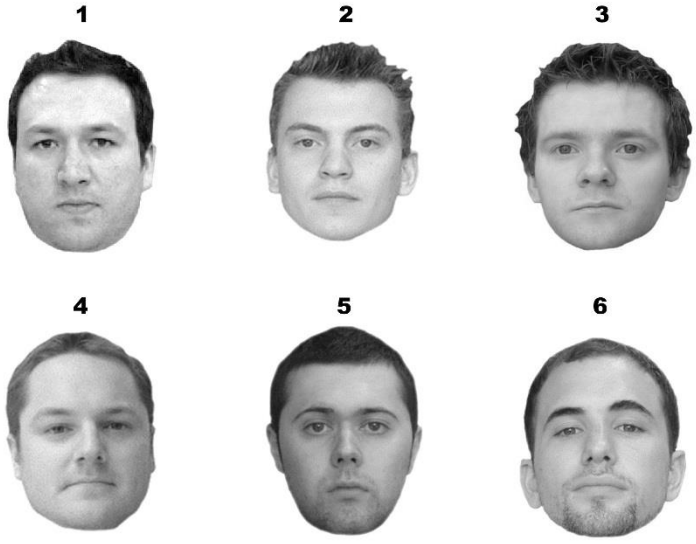

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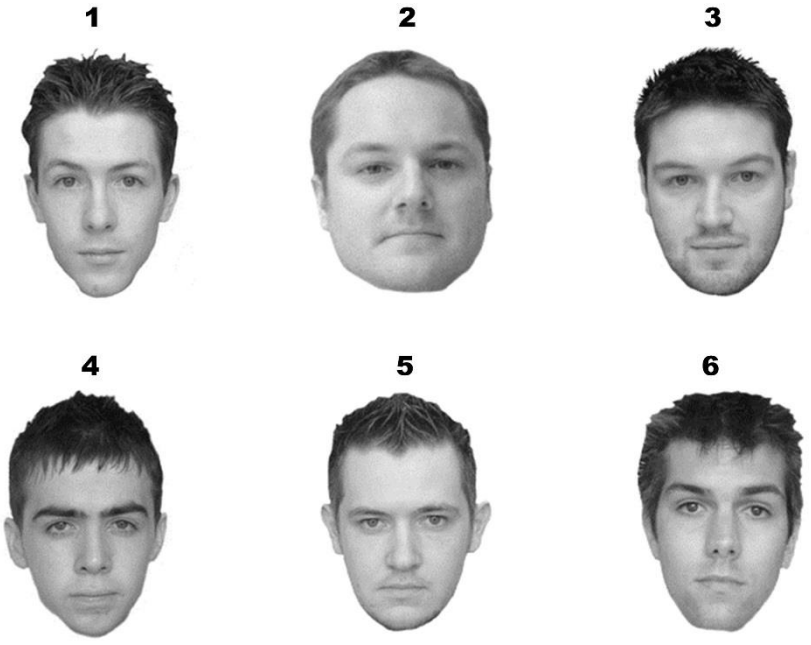

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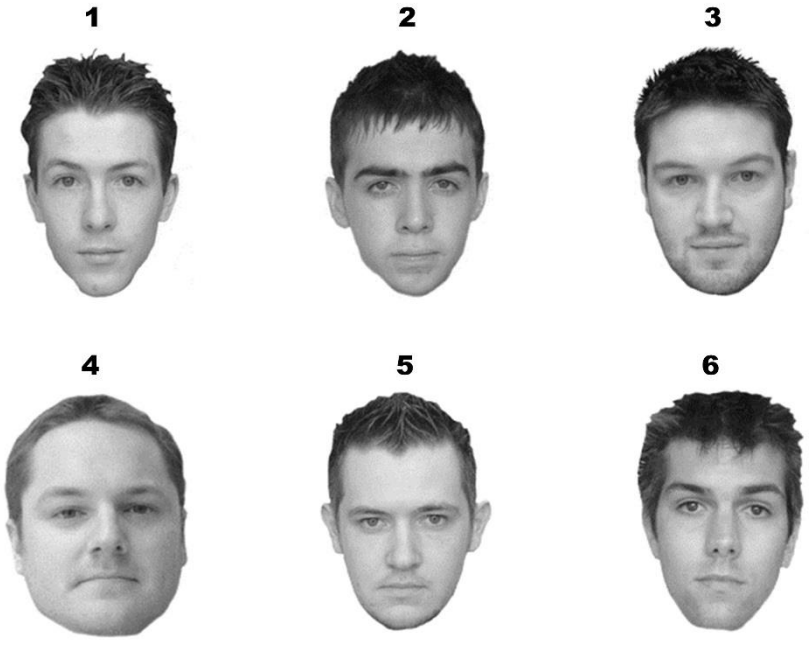

Lineups Administered to Participants who saw Perpetrator Identity 77

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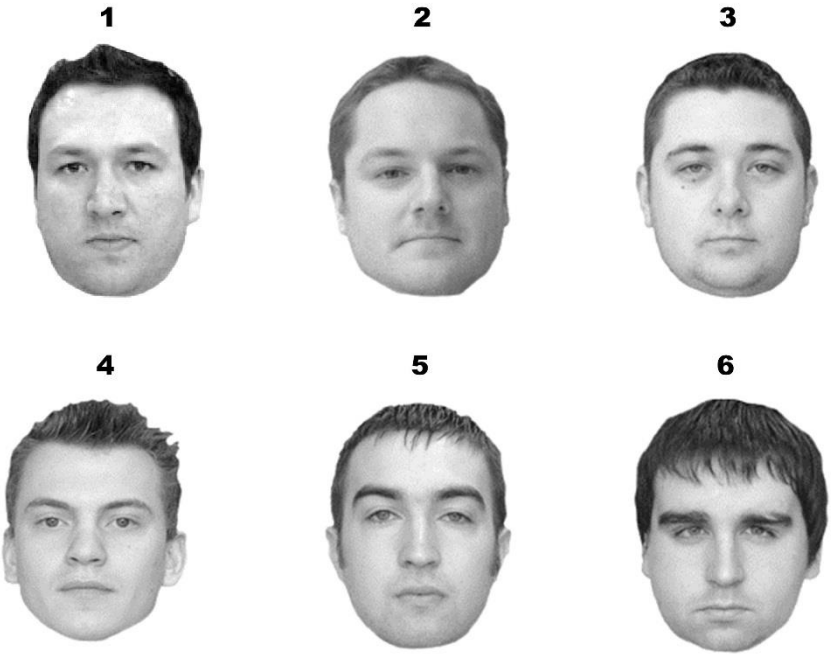

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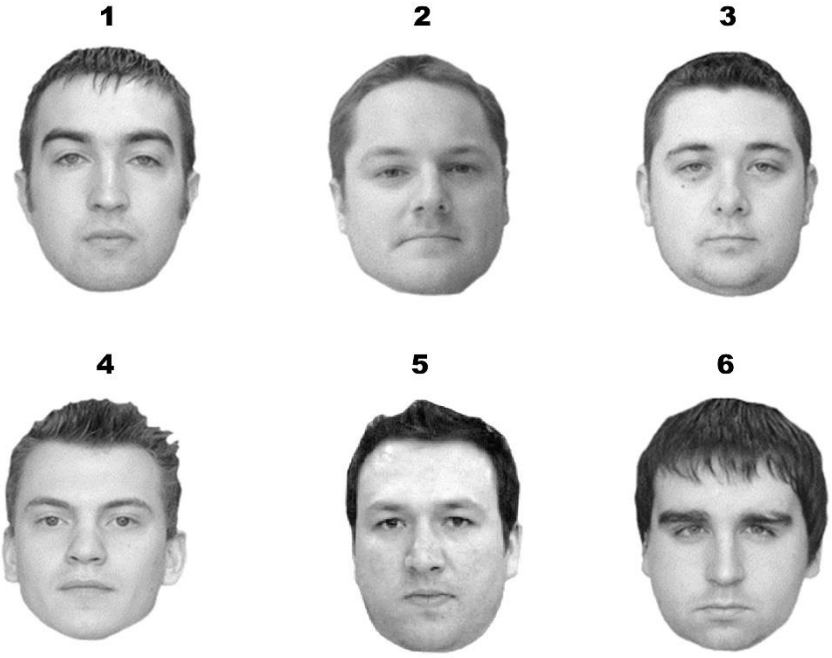

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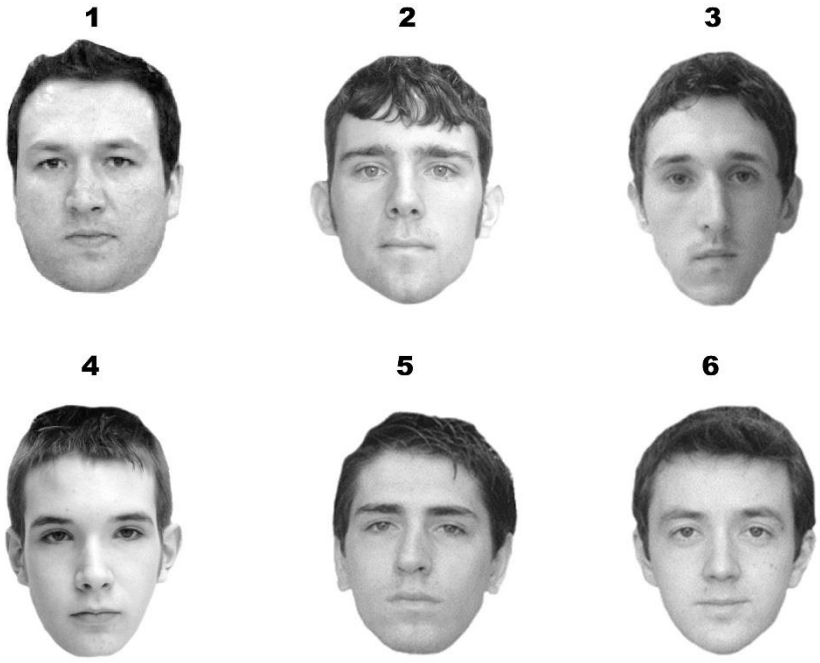

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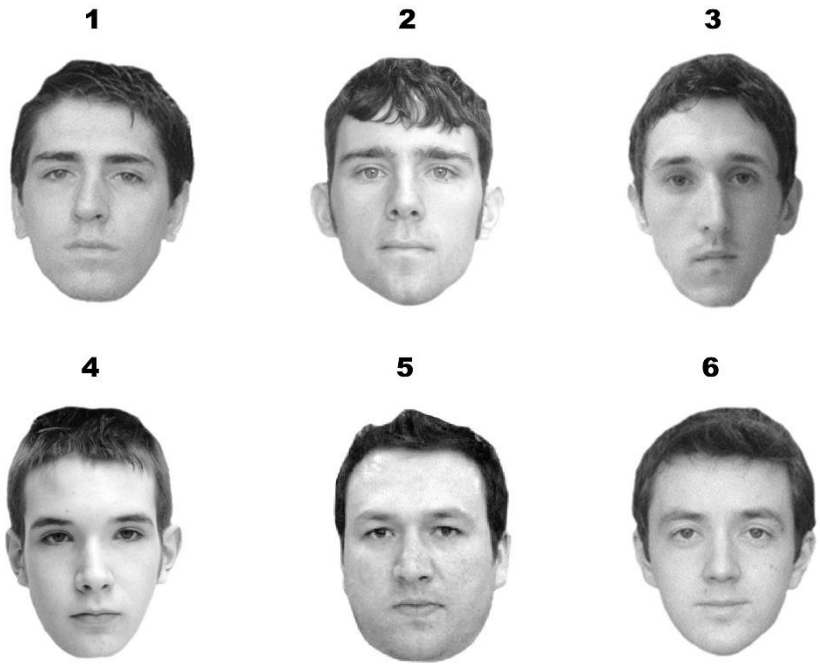

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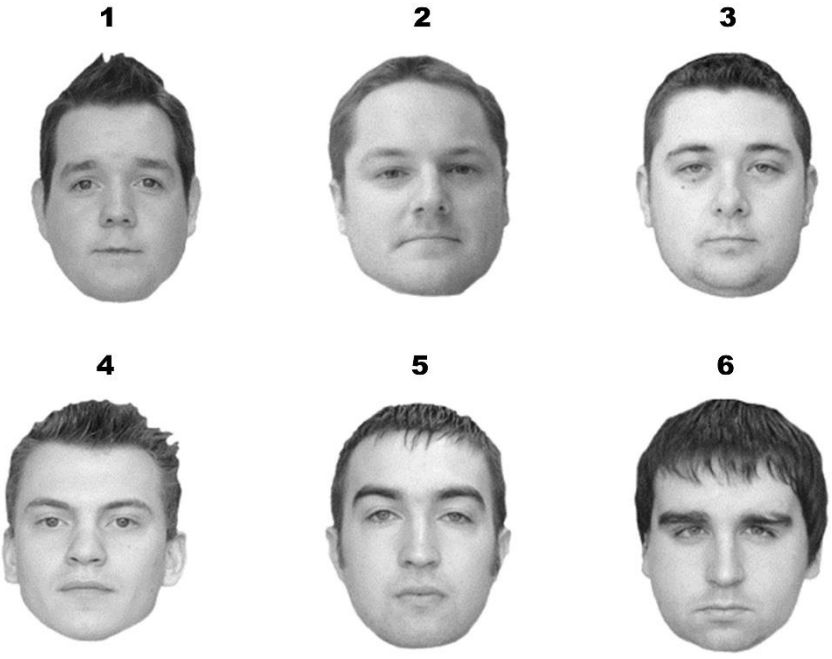

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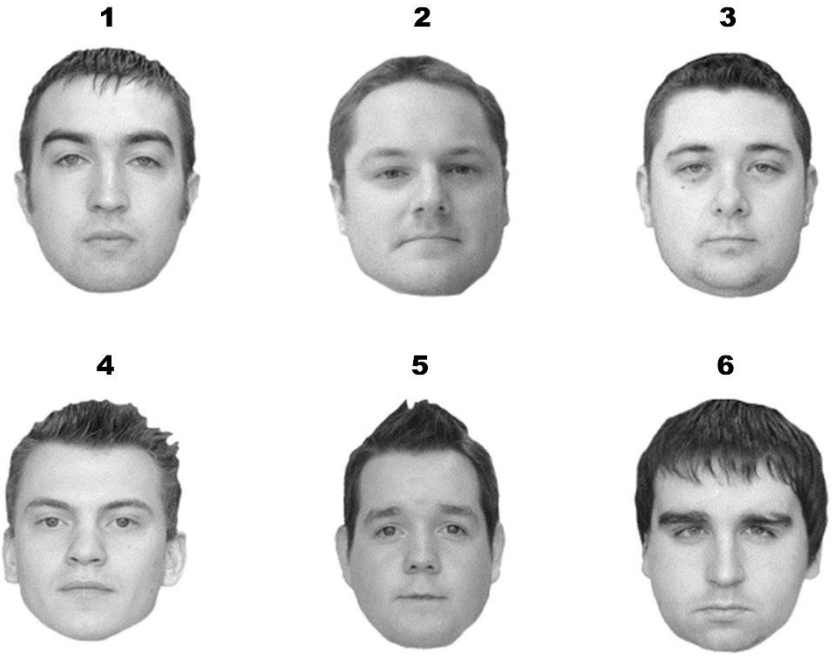

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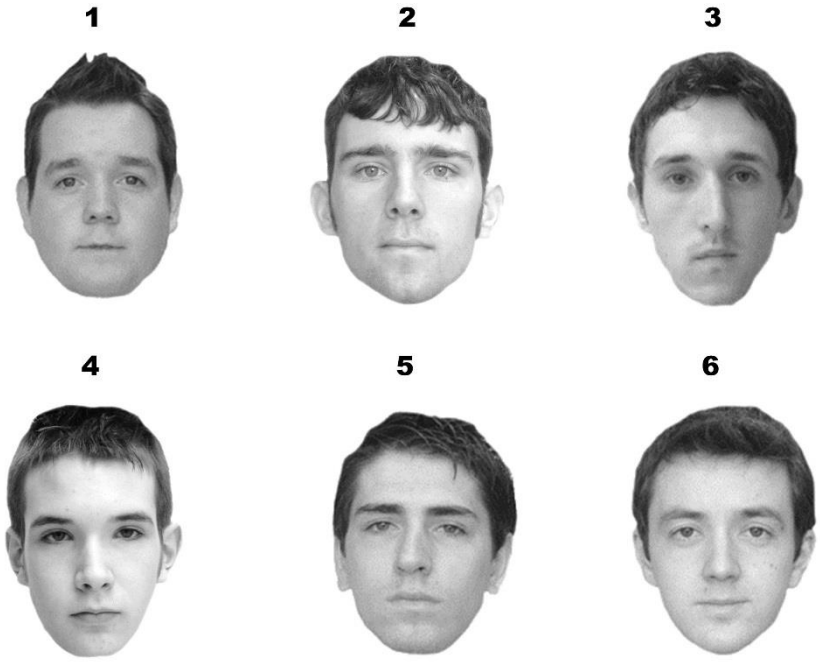

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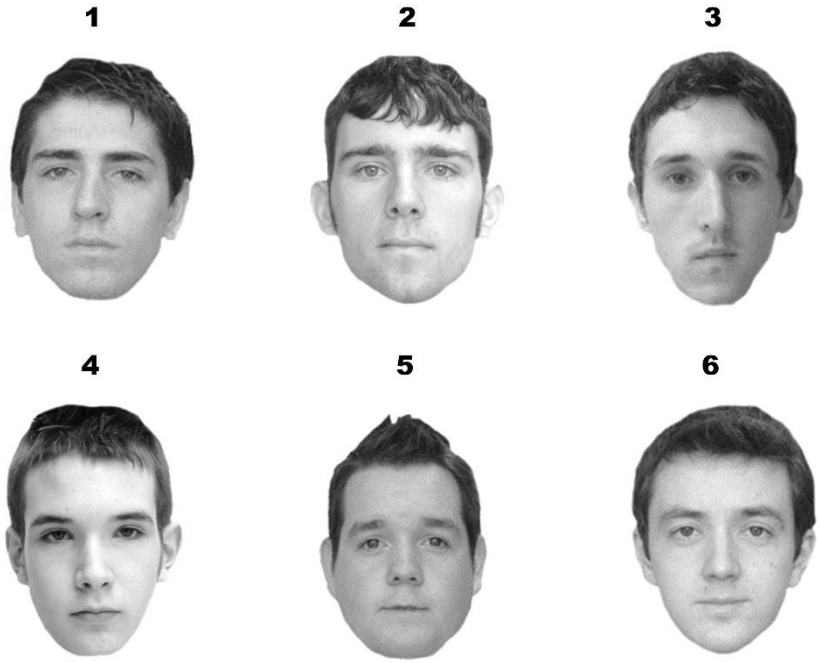

77PASH1

77PASH5

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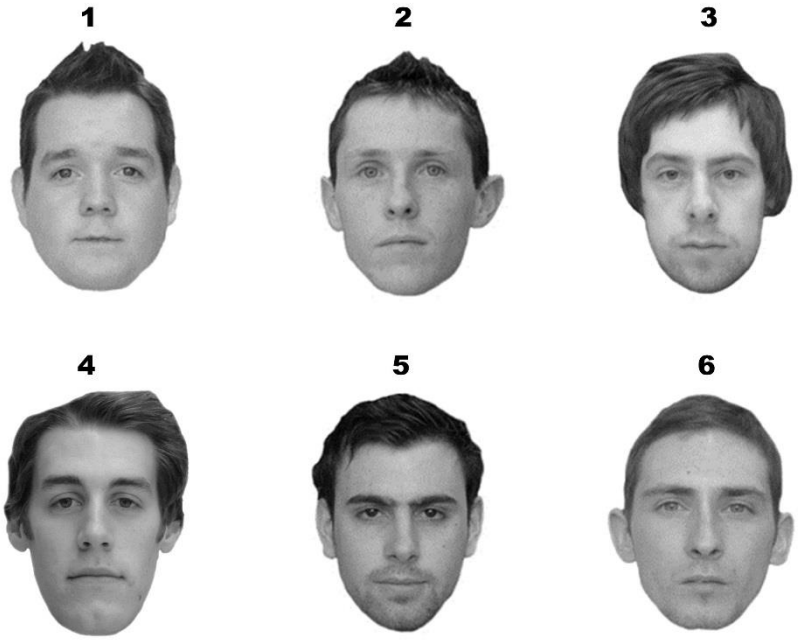

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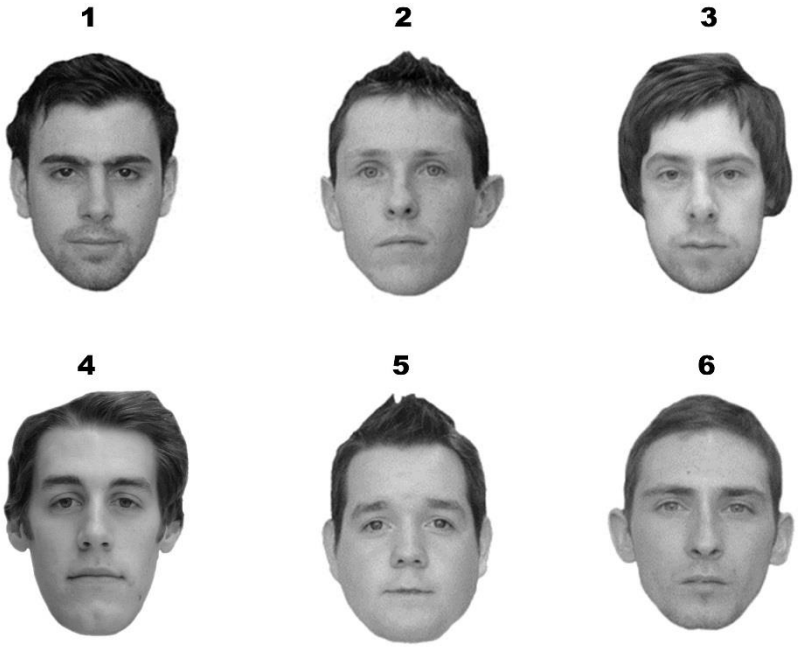
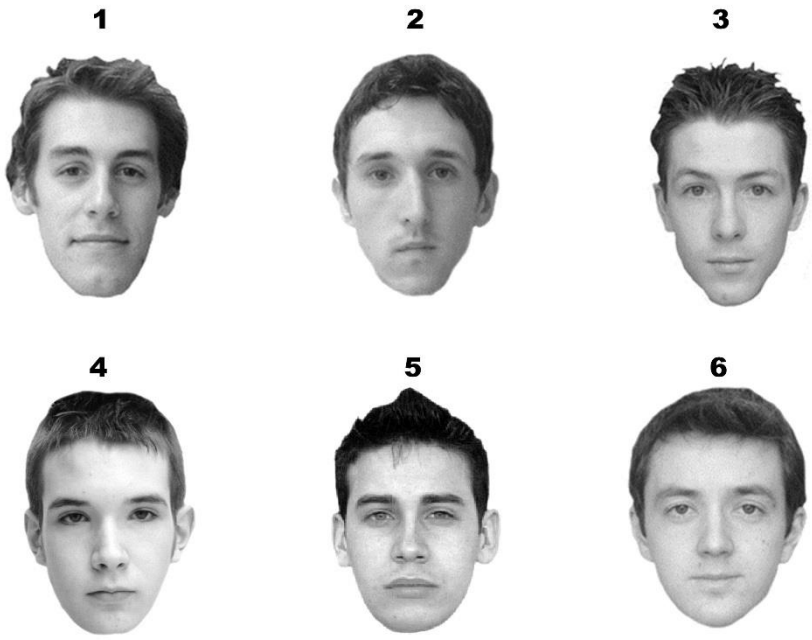


Lineups Administered to Participants who saw Perpetrator Identity 92

92PPH3



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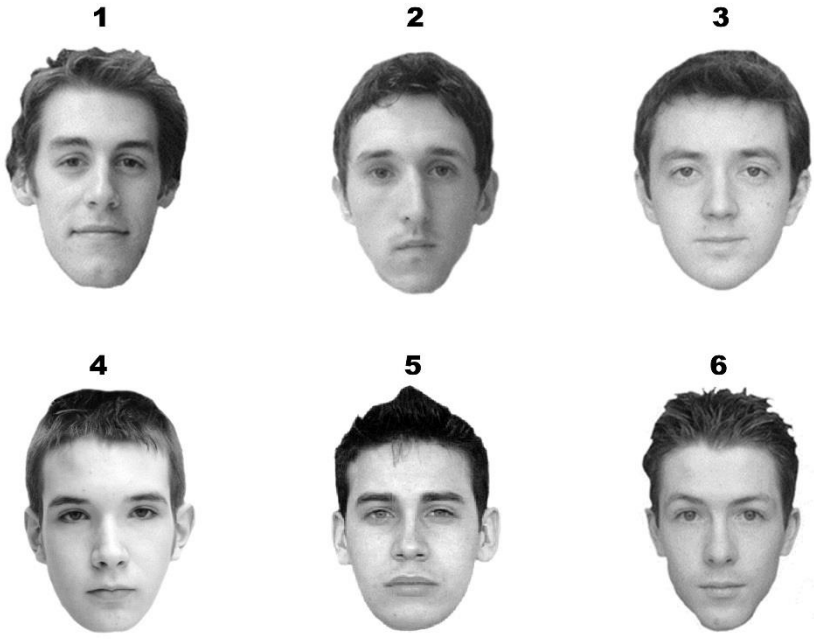

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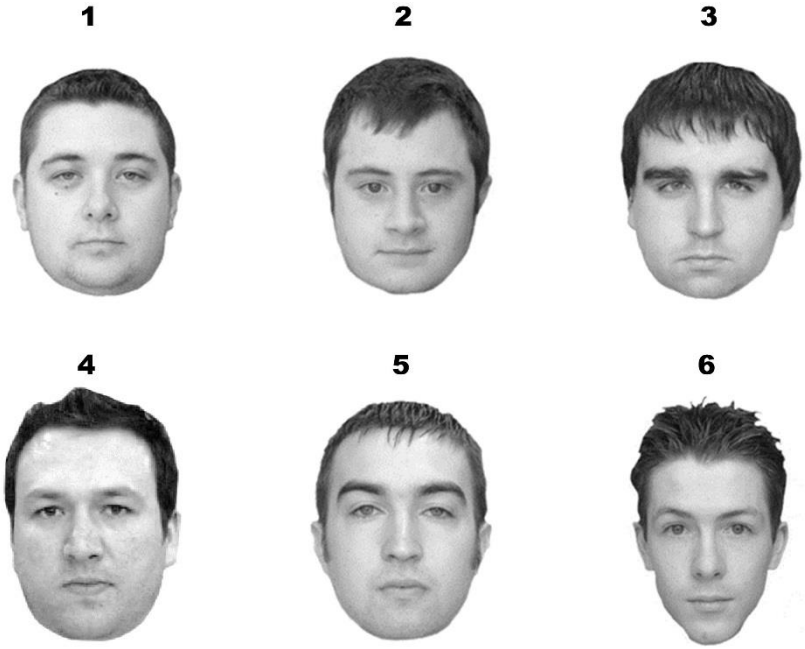

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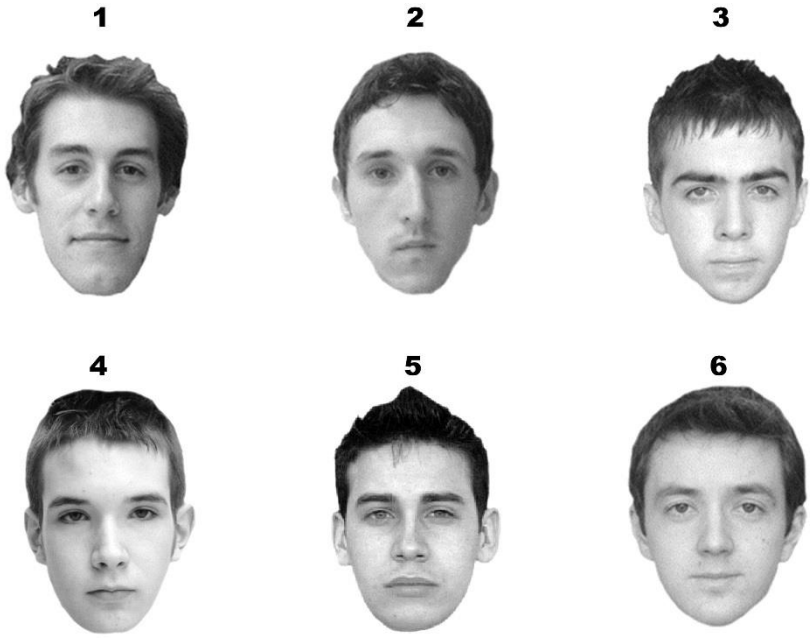

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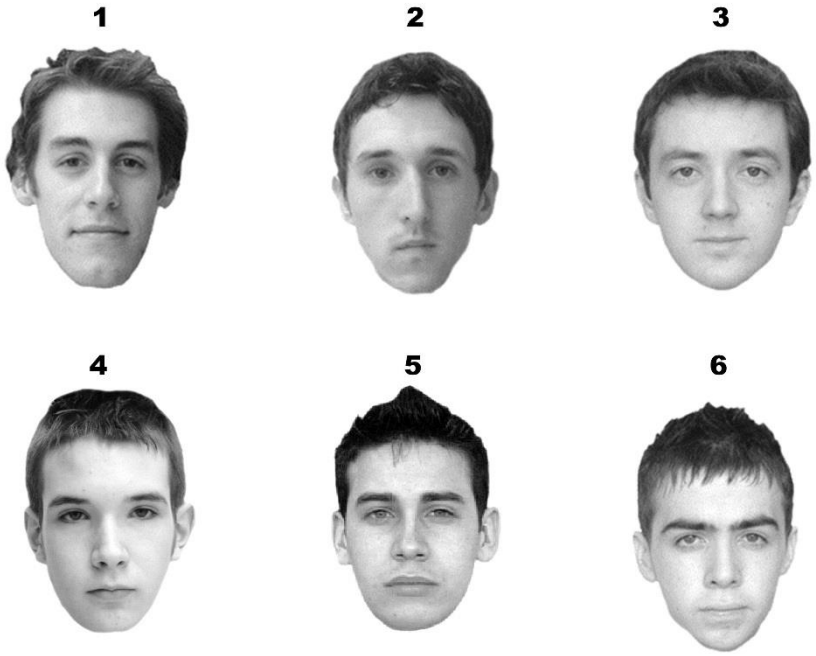

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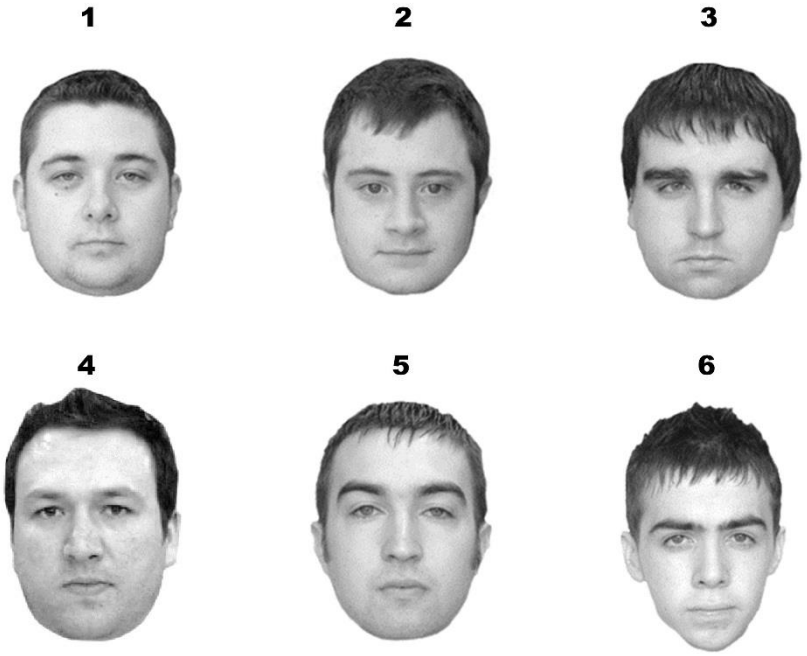

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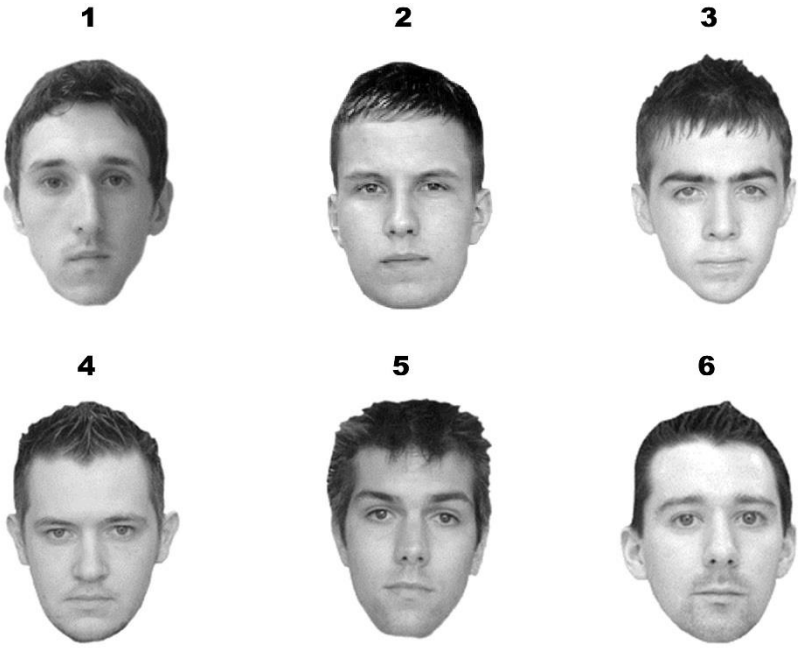

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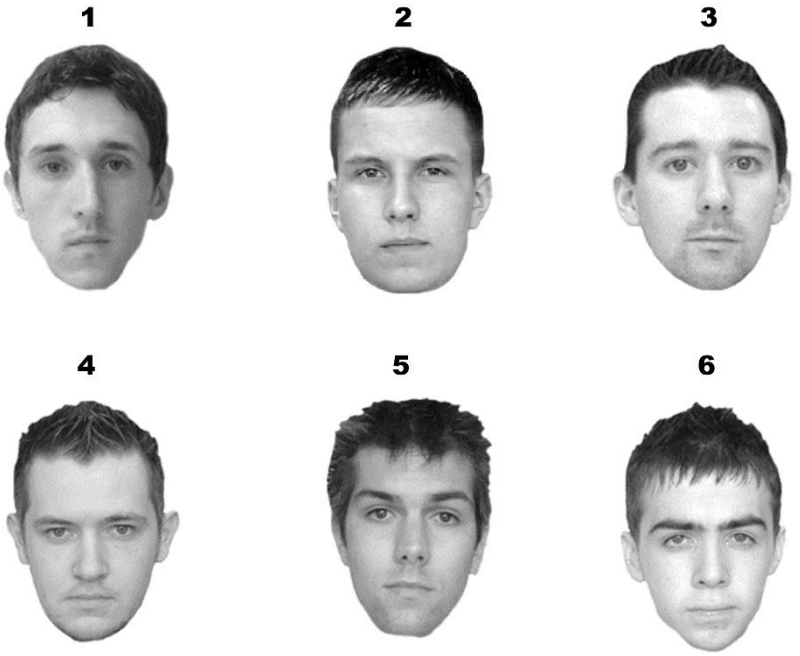

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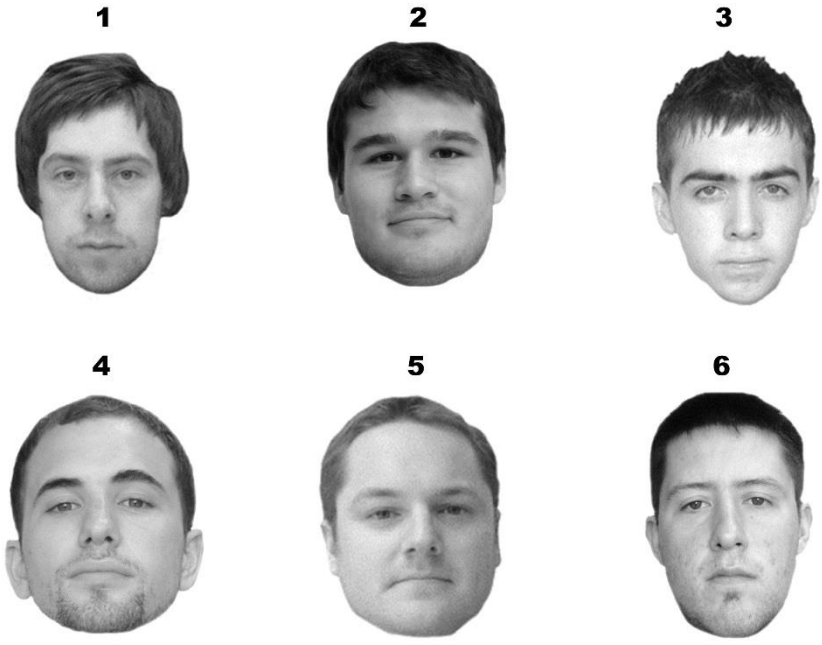

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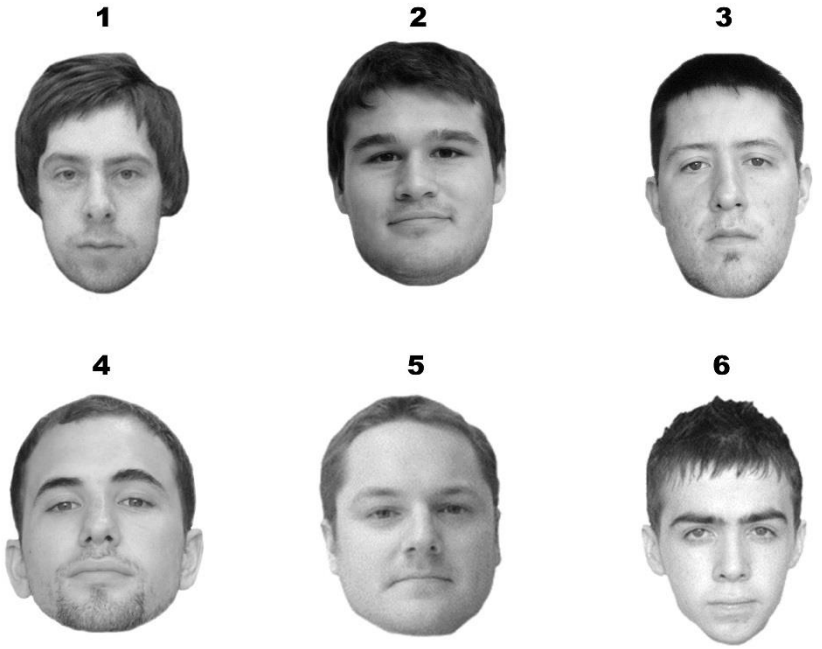

Lineups Administered to Participants who saw Perpetrator Identity 133

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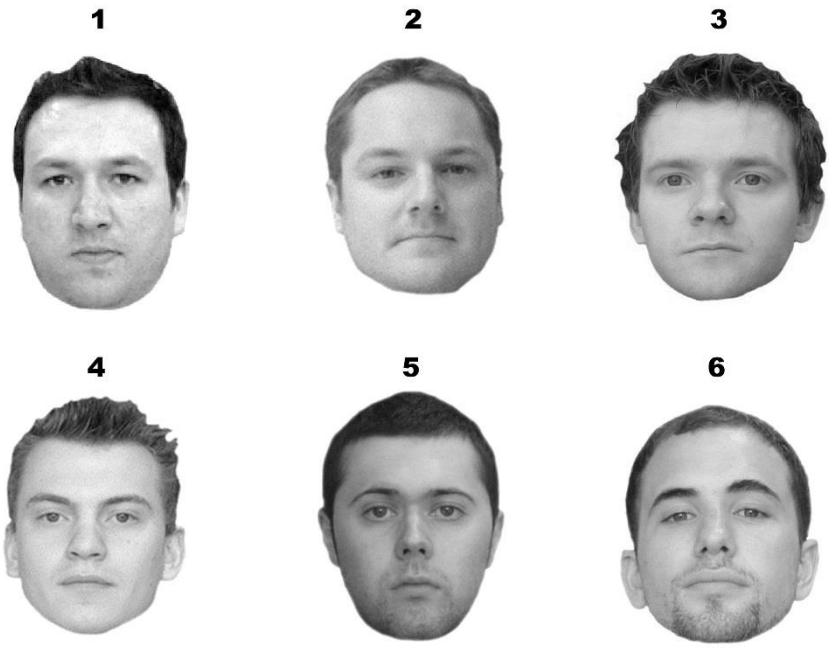

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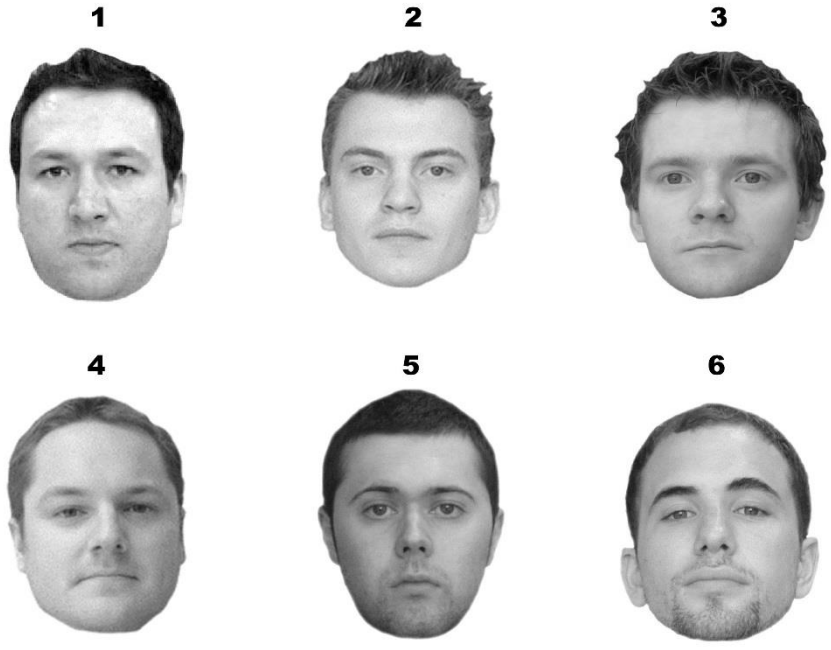

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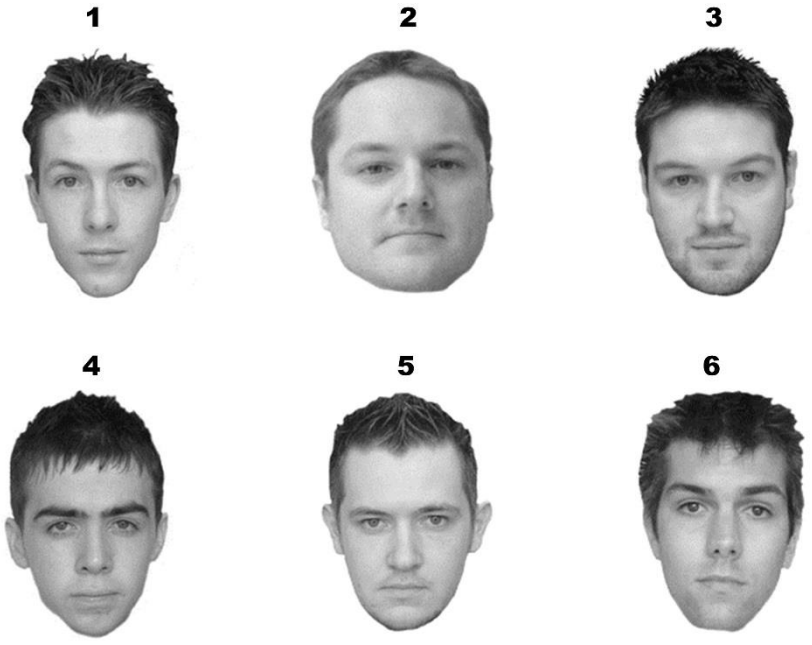
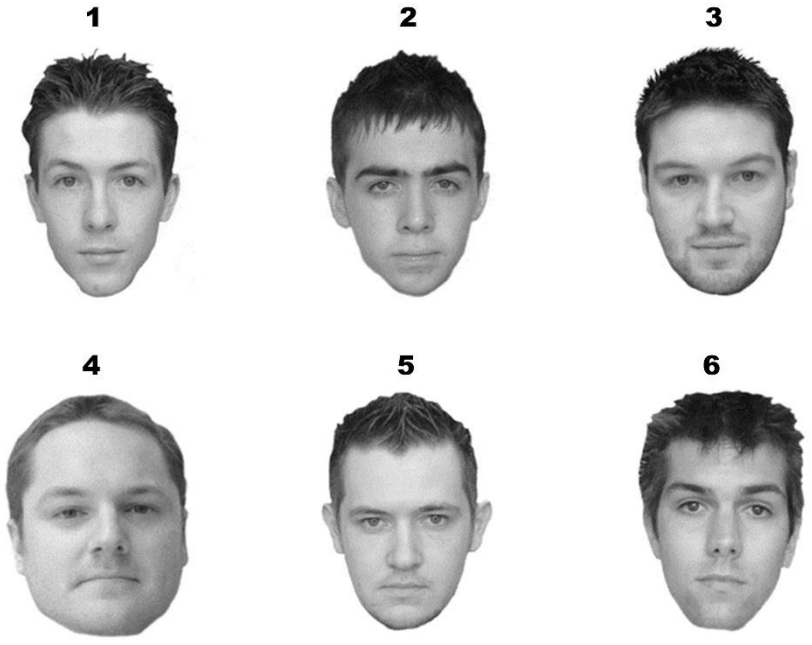
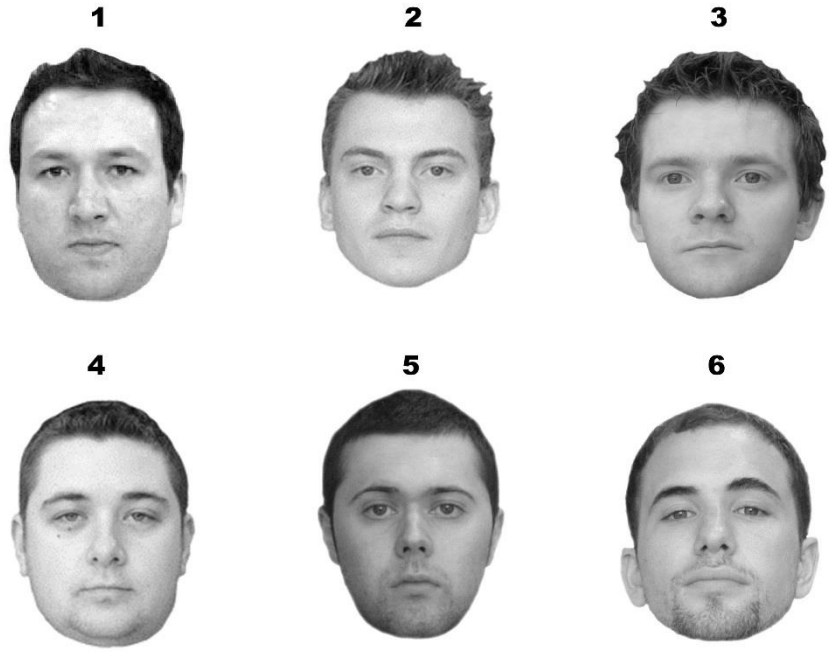


133PPL4



133PAPH2

133PAPH4



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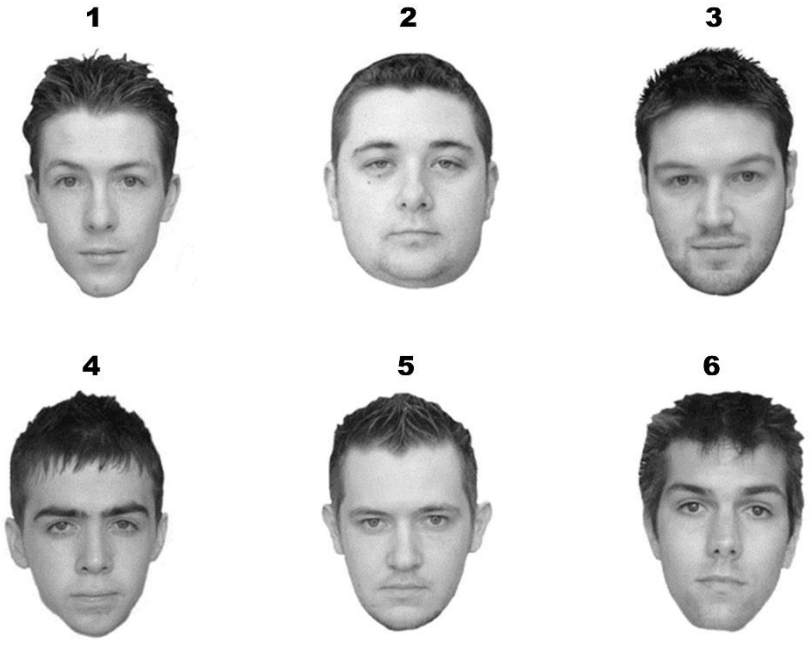

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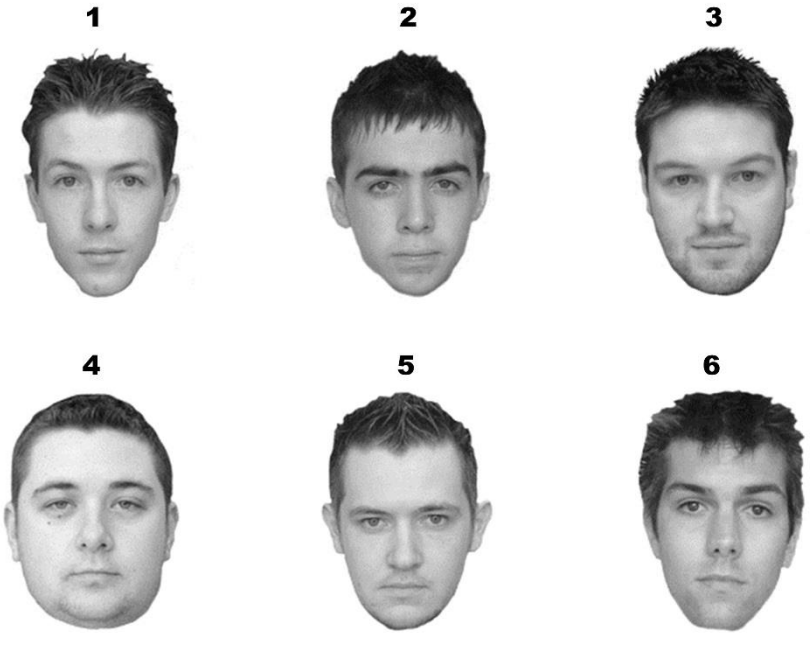

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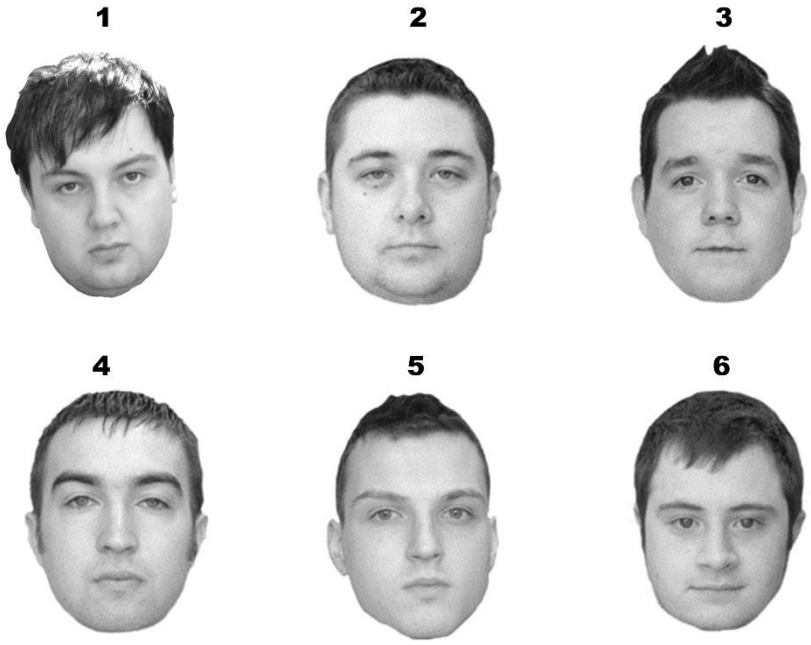

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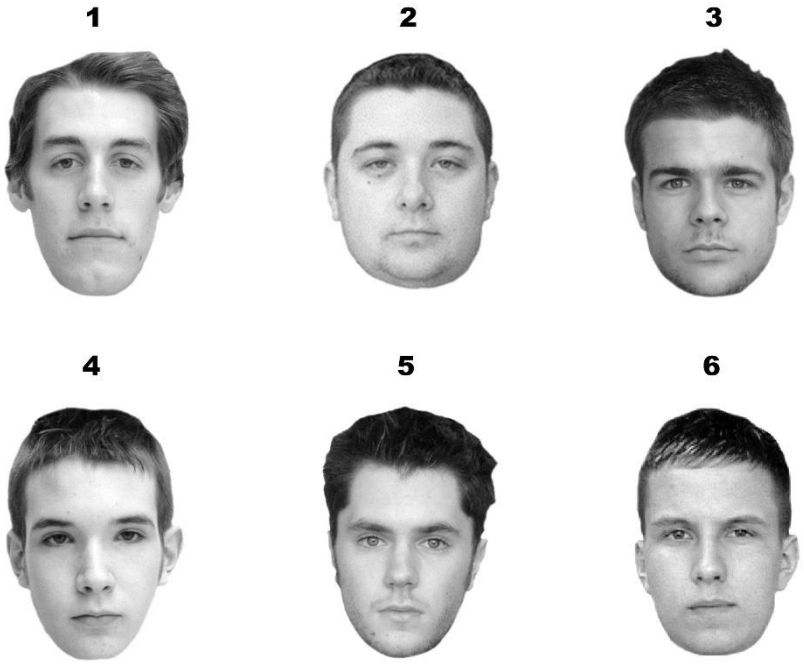

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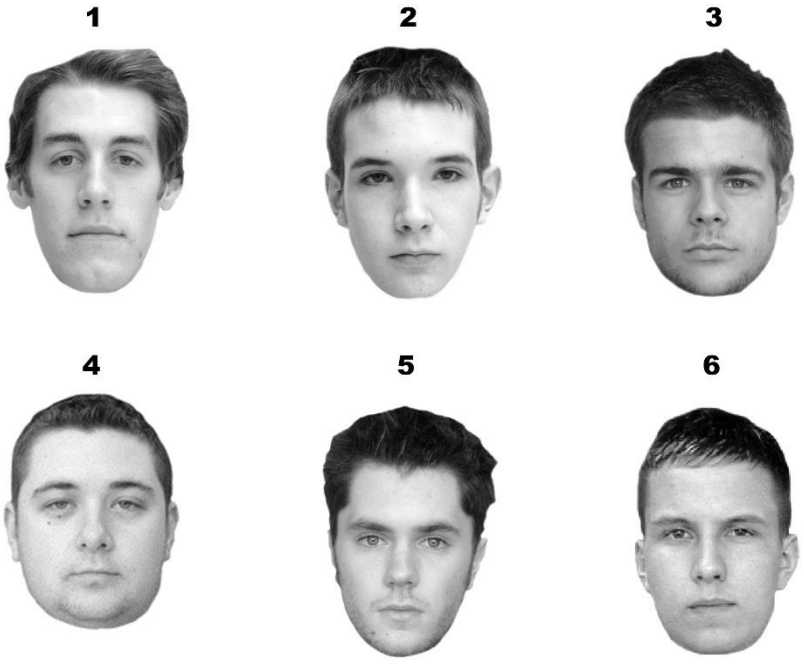
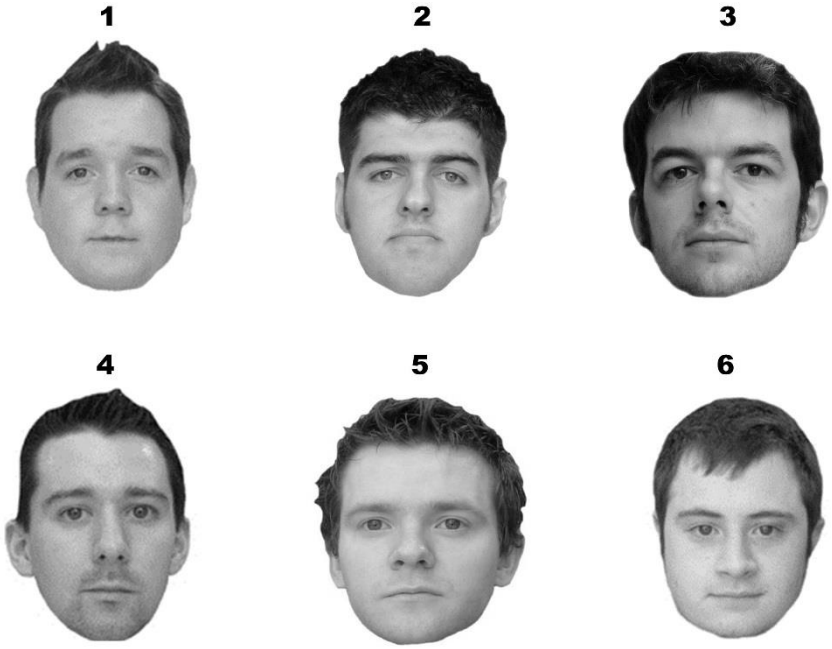


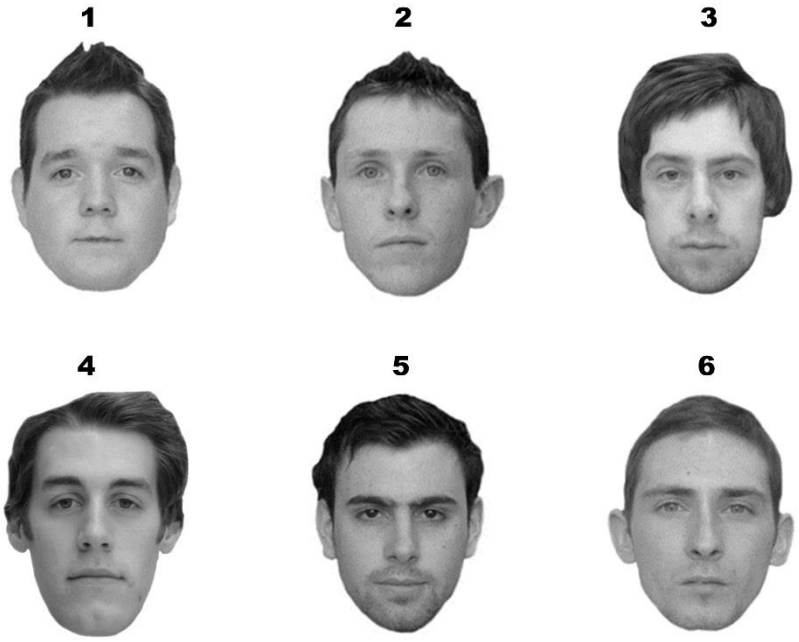
Lineups Administered to Participants who saw Perpetrator Identity 19

206PPH1

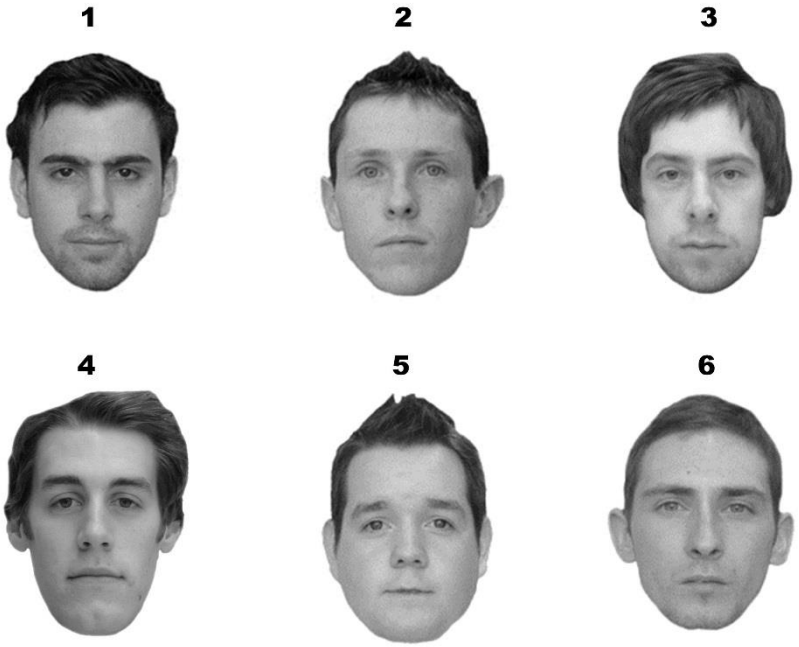


206PPH5

206PPL1



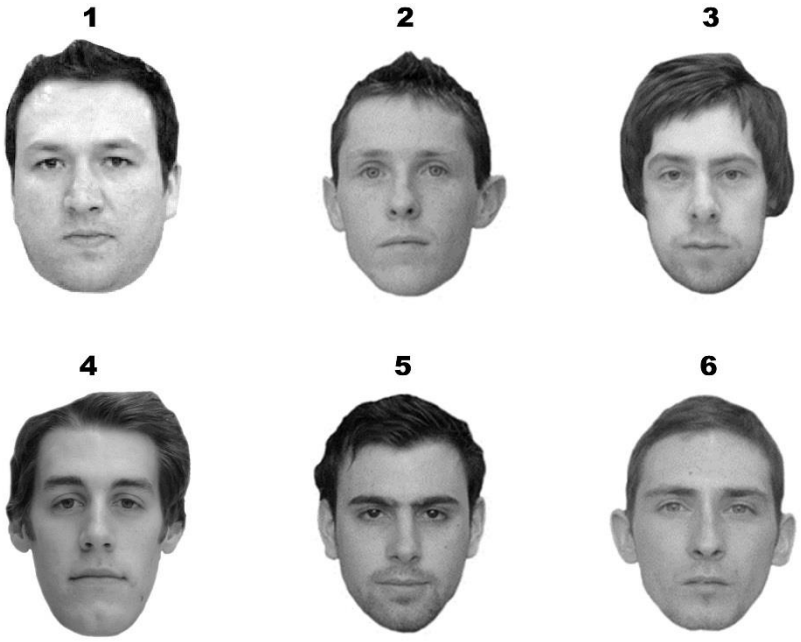
206PPL5



206PAPH1

206PAPH5

206PAPL1



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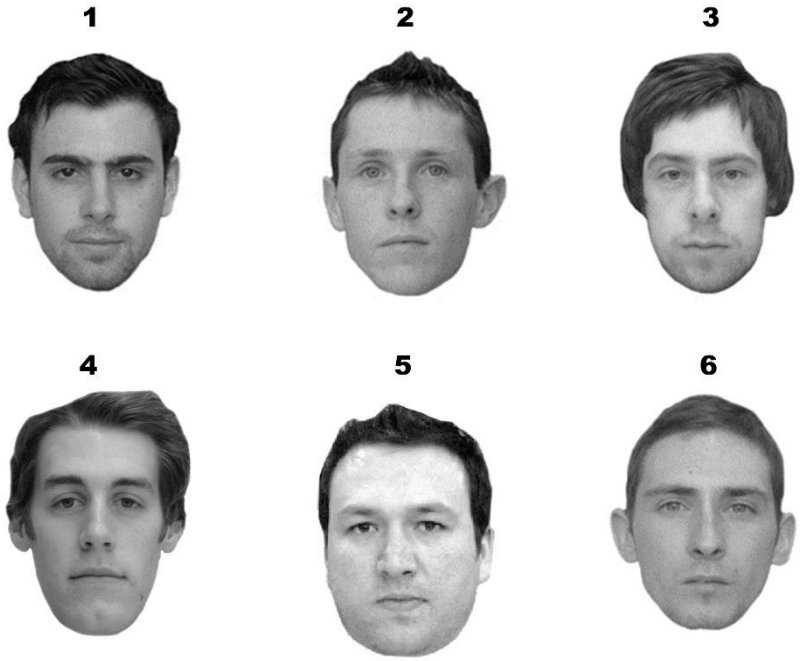

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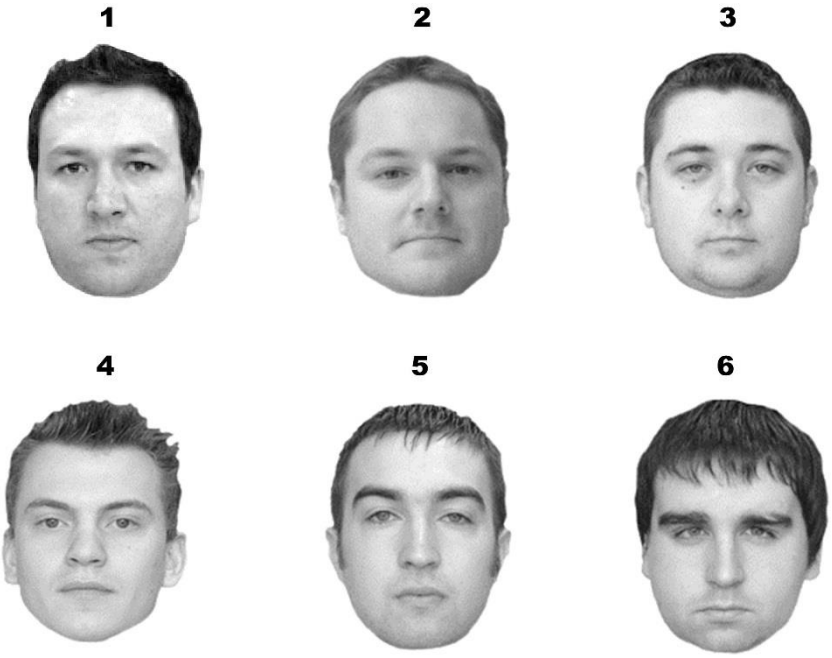

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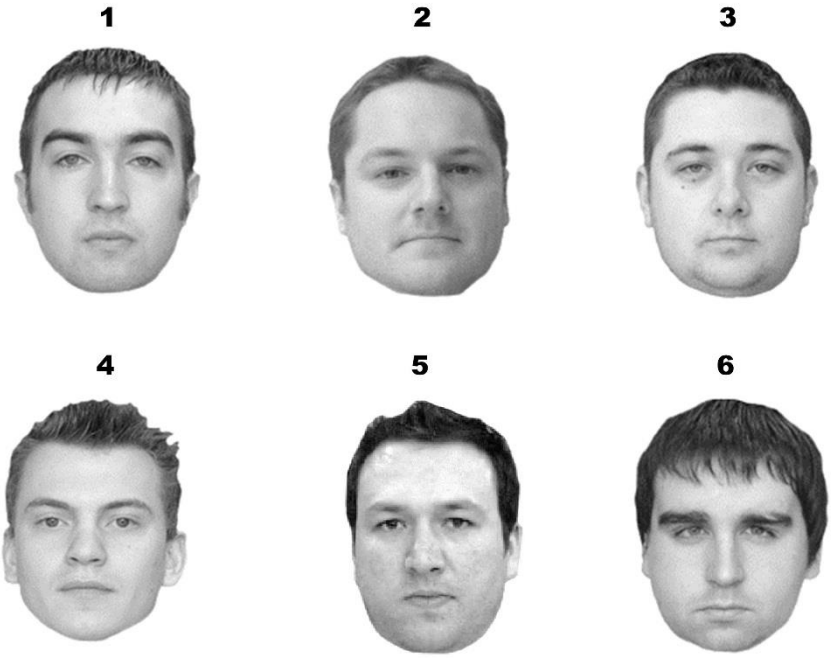
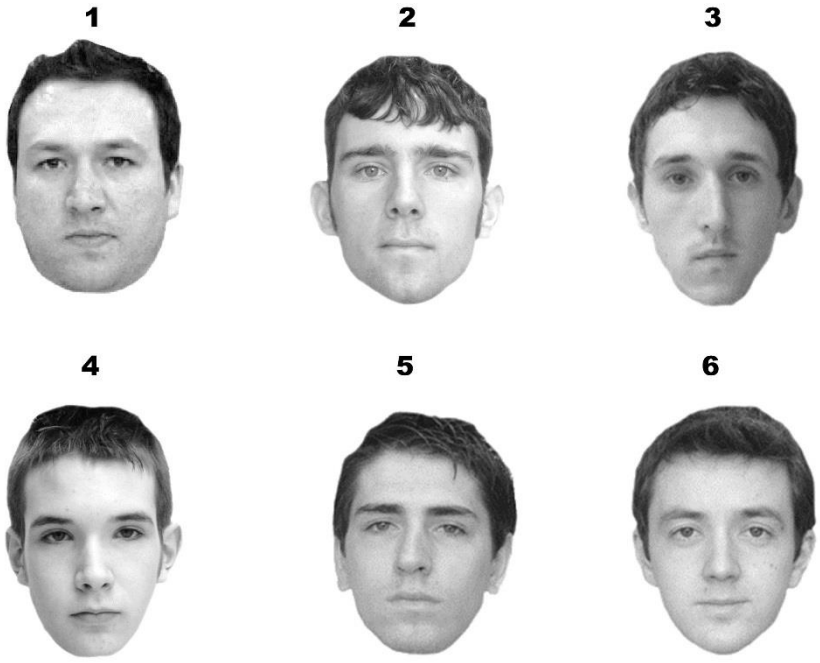
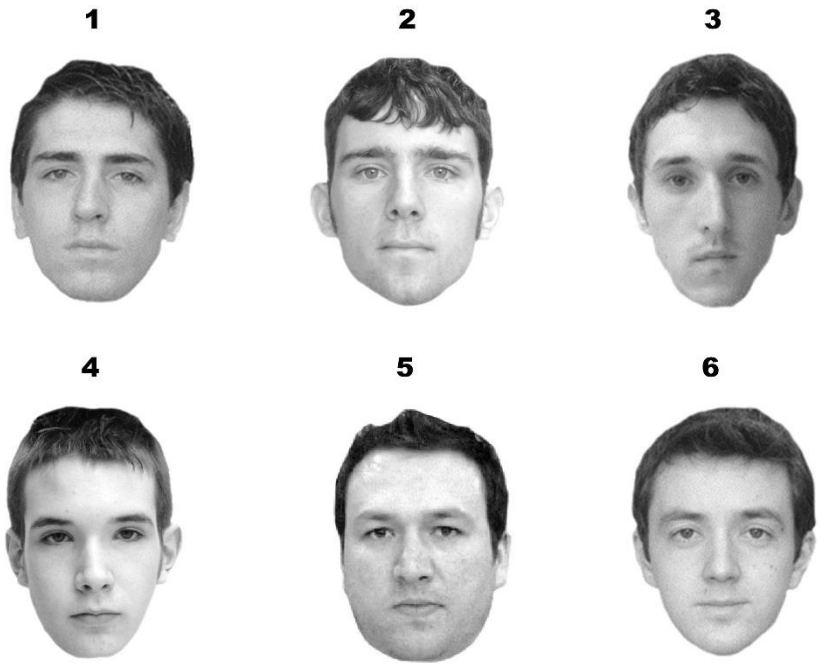


206PASL1

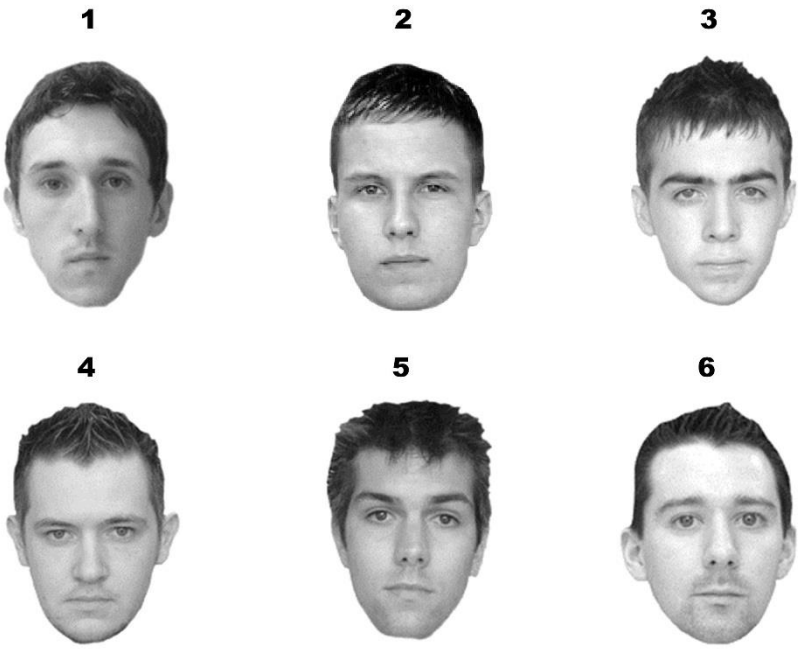


206PASL5

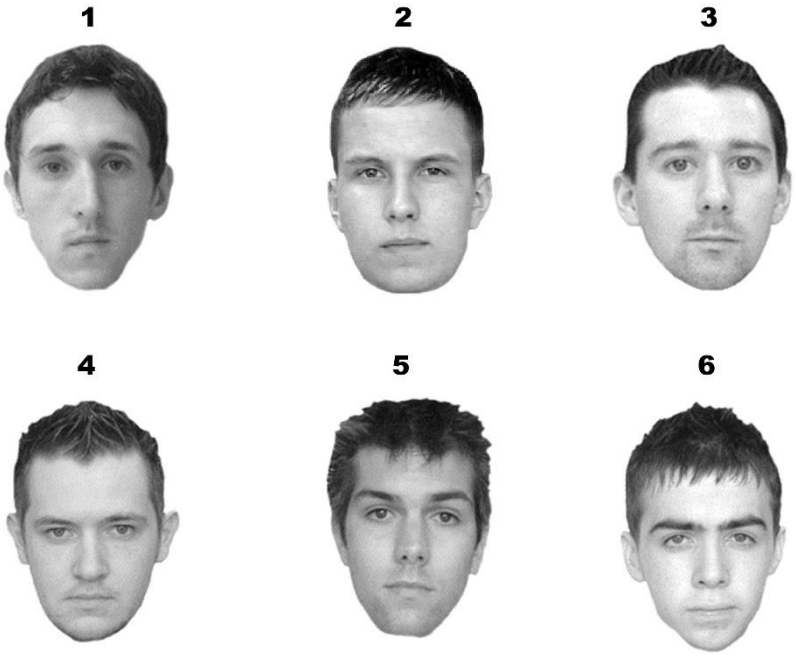


Lineups Administered to Participants who saw Perpetrator Identity 19

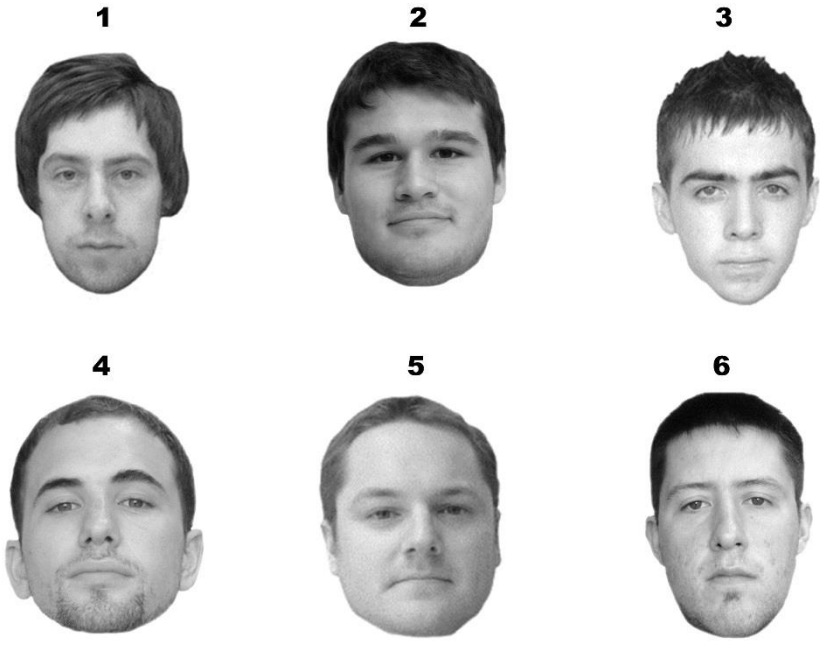
266PPH3



266PPH6



266PPL3



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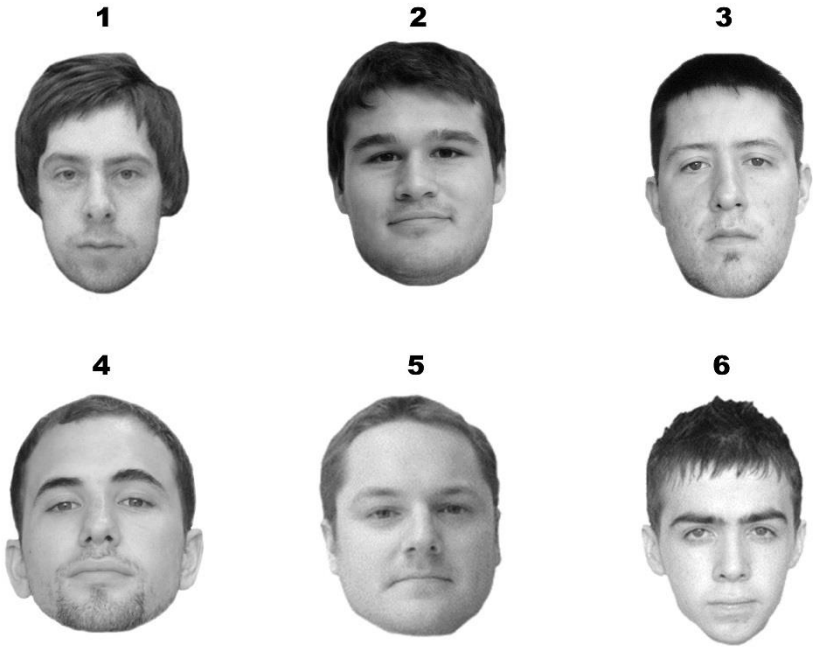

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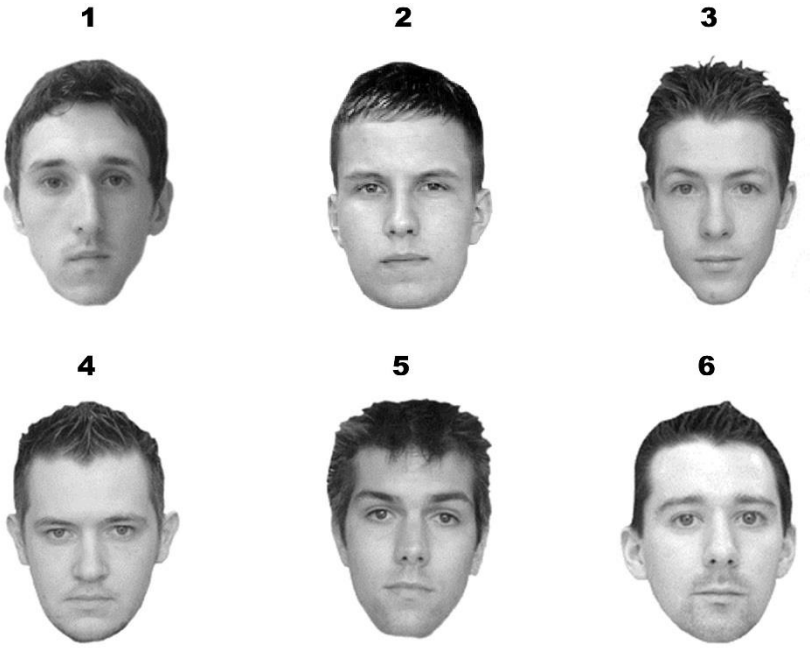

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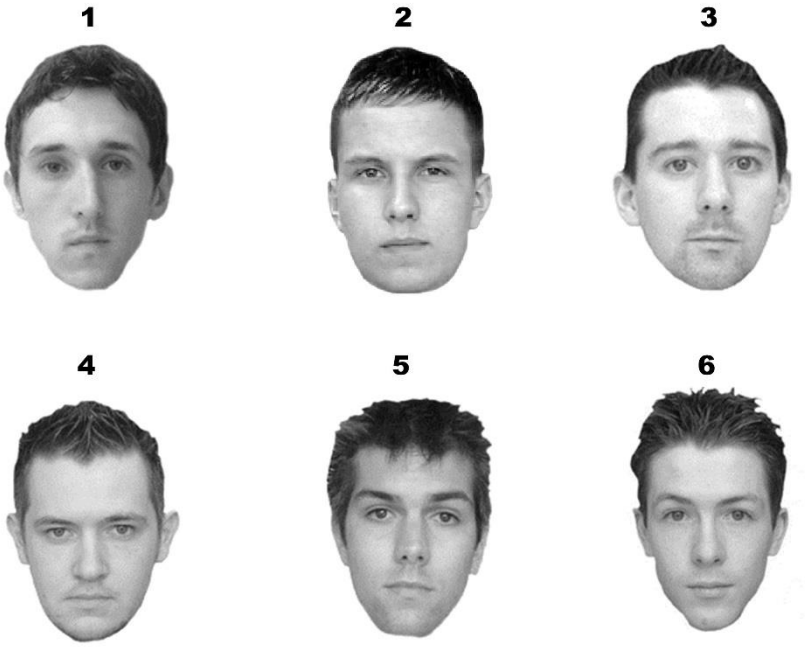

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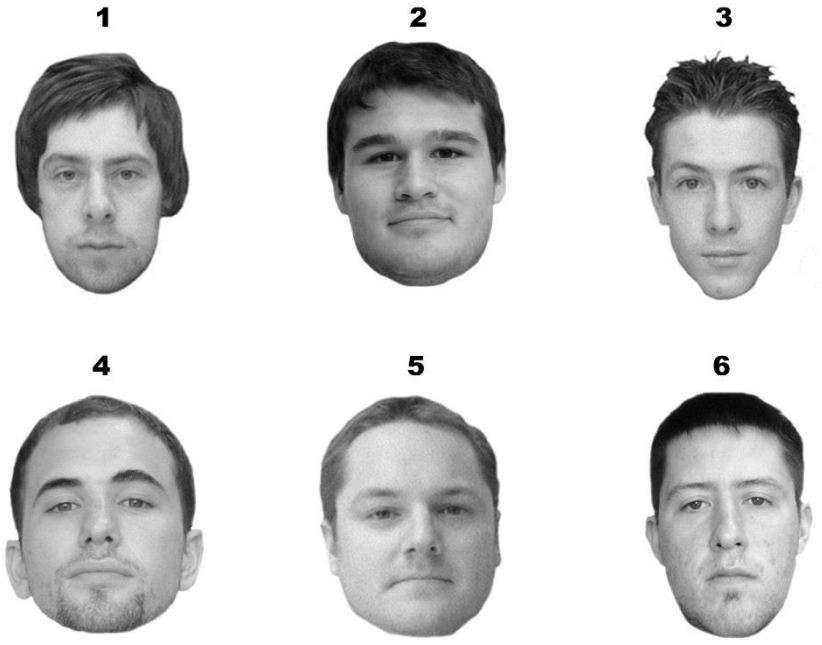

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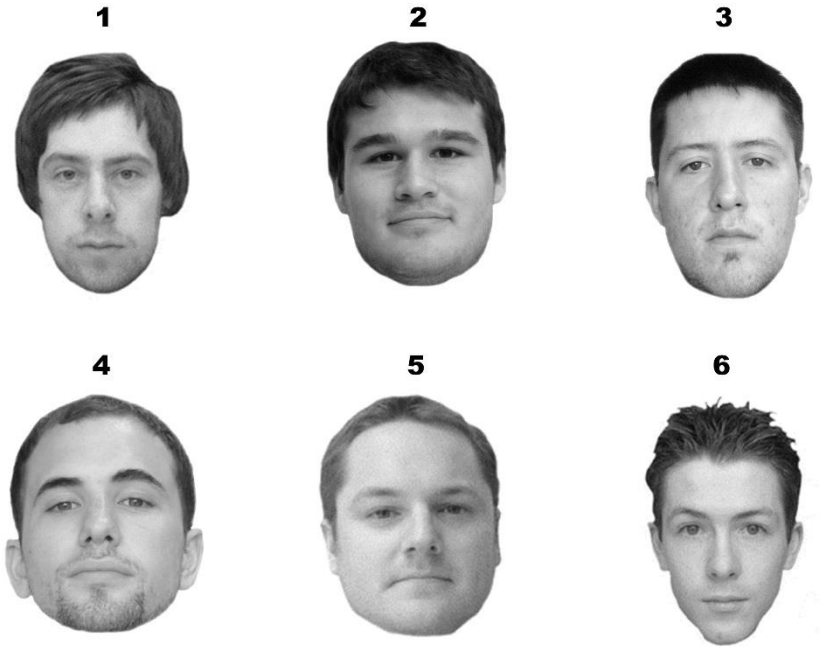

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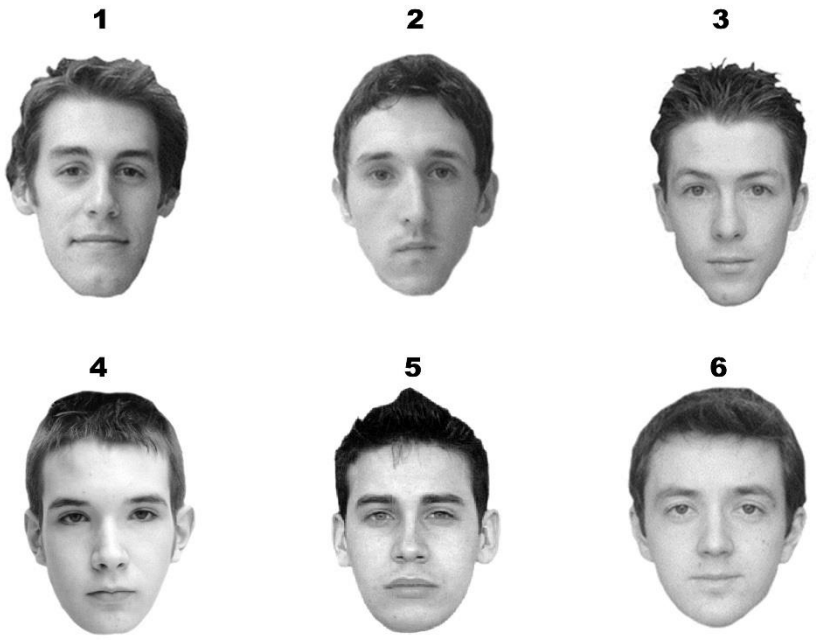

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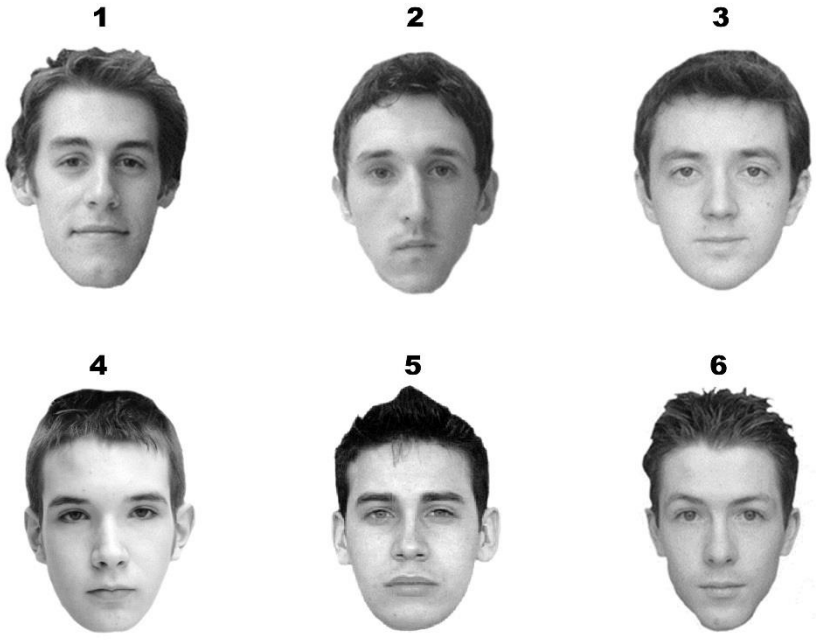

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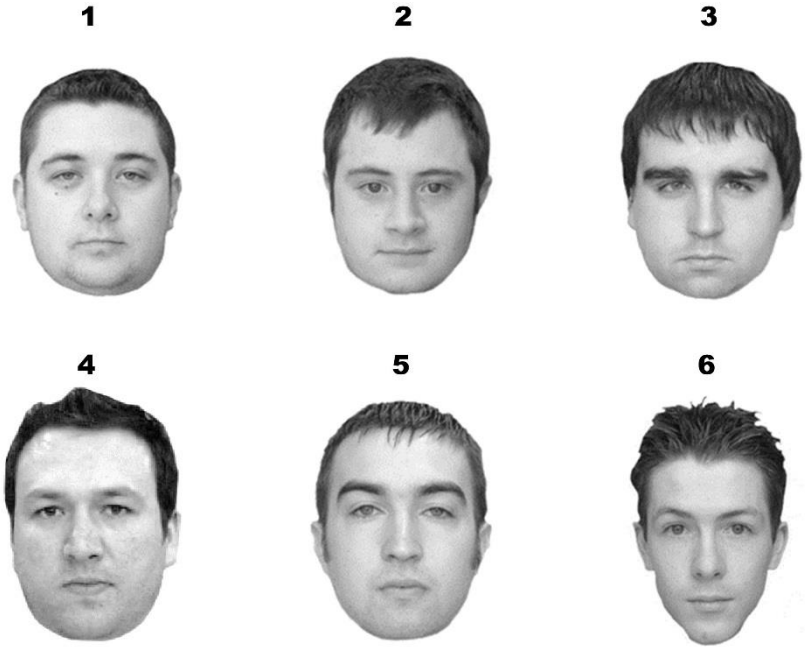

References

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