**Review** **of “Face adaptation effects on local face information”**

The review is based on reading the MS twice: for general impression and for more detailed comments. I would recommend to rewrite several appropriate sections of the MS according to the following comments.

1)   Although the contribution of the present MS (the role of a non-configural information on face recognition) is made clear, there is a major problem with the MS: the lack of attempts to explain the results and integrate them in the general theoretical approach for the effect of adaptation. The short explanations presented in lines 683-688, 728-731 are not enough. This is expressed also in the conclusion which does not state what is the theoretical contribution of the study. A similar comment can be given to the abstract.

2)   Introduction. An example of the Adaptation Effect (AE) would be helpful for any reader.

3)   Lines 42-48. Shifting away from the adaptor – a theoretical explanation is needed here.

4)   Lines 180-181. The following hidden question arises: why the original face is not selected? A clarification is needed. For example, would the presentation of the Original (e.g., the target face of Merkel) before the extremely manipulated face reduce the Face Adaptation Effect (FAE)? Perhaps the participants do not have the Target in their memory? Perhaps the participant’s response is based on what she saw recently?

5)   Lines 209-210. Once again – Why?

6)   Lines 276-277. If the same adaptor is presented 18 times, one should not wonder that the target, the original, is not selected.

7)   Lines 313-314. Does not this instruction arise in the participant’s mind several sort of questions regarding the demand characteristics of the experiments?

8)   Lines 352-354. This needs clarification.

9)   Experiments 2 & 3: Why not use houses, trees, cars, etc? These are clear non-face stimuli.

10)                 Figure 3, exp.2 – the images are missing.

11)                 Lines 435-437. Why? An explanation is needed.

12)                 Lines 621-623. Suppose the choice is between A) original, B) adaptor itself, and B is selected – what then would be the interpretation? Perhaps the participant’s response is based on what she saw recently?