Criteria of component rejection:

1) whether the changes are largely uniformly distributed across trials (if yes, keep; if not, reject depending on how many other components are rejected);

2) whether the change is concentrated in particular channels (if yes, reject);

3) whether the topology is so frontal that it looks like eye movements (if yes and if the ERP does not look relevant to the onset of stimuli, reject – this takes into consideration a. that it is unlikely for eye movements to correlate with the stimuli structure; and b. that some components of ERP may originate from the frontal cortices);

4) whether the change in potential correlates with the occurrence of stimuli (if yes, keep; if not, reject depending on how many other components are rejected); and

5) whether the extreme values of opposite potentials show up right next to each other on the scalp map (if yes, reject – it is not physiological and hence highly likely to be noise).