June 5th, 2012

To: Guest Editor, Human Activity Understand from 2D and 3D cameras, IJCV special issue

Dear Editor

This letter is in response to the review of our submitted manuscript #VISI-D-14-00453, entitled *Gaze Estimation in the 3D Space Using RGB-D sensors. Towards Head-Pose And User Invariance.*. We would like to thank again the reviewers and the *area* editor for their time and comments.

Response to Editor

Comment: *The paper has received reviews from three experts who suggest major/minor revisions. The authors should prepare a major revision that addresses all of the concerns below. I'd be particularly keen to see a comparison with recent landmark-based normalization as suggested by Reviewer 3, and a proper consideration of related work on 3DMMs.*

Response: Thanks to the Editor and . . .

Motivate in terms of the application (SONVB data, HRI)
    We have explained 3DMM details, in terms of parameters selection, number of points, etc
    We conducted experiments using the mean face shape
    We have conducted experiments on facial landmarks and the accuracy of the head pose tracker
    We have provided more detail on the implementation aspects
    We have better explained details on the EYEDIAP database and its annotation process, and how does it affect the current evaluations.
    Experiment on systematic alignment deviations

    There have been only few remarks concerning our last submitted manuscript. Nonetheless, we have responded to each of them and modified the paper accordingly.
    Our answers to the reviewers are expressed in a separate document that is part of the new submission.

Sincerely,

Kenneth Alberto Funes Mora and Jean-Marc Odobez