Reviewer’s report

Title: The effect of changes in IOP on the risk of developing POAG in patients with ocular hypertension: an application of latent class analysis

Version: 1 Date: 4 February 2012

Reviewer: Kazuyuki Hirooka

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Gao and colleagues concluded that LCA provided a useful tool to assess the impact of post-randomization IOP level and fluctuation on the risk of developing POAG in ocular hypertension patients.

I have one comment.

Page 7 Line 7 Why were values for the eye-specific variables for each patient the average of two eye? Why not choose one of them?

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

I declare that I have no competing interests.