Title: Behaviour approach for evaluating team performance in software review: an empirical study

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Abstract: The aim of this paper is to investigate the importance of the relationship between the Behaviour approach and software review performance. Results are from an experimental study conducted in late 2006. The overall findings suggest that: communication has an effect on software review performance; status effect has an effect on software review performance; there is little impact of teamwork on the group review performance; key indicators for discussion quality are the appropriateness of group; discussions and environment setting of a group meeting.

Keywords: software quality; behavioural approaches; software reviews; team performance; evaluation; teamworking; communication; group reviews; discussion quality; meeting environments.

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