

ABSTRACT

The invention relates to an adaptive computer-aided system and method for selecting a question for a user based on their similarity to past users who have used the system. A user similarity score is determined for each past user of a user dataset in comparison with the user
5 using a similarity measure. An answer adjustment is determined from each answer made by an existing user, the answer adjust determined primarily by whether the answer was correct or incorrect. Each answer adjustment is modified by the user similarity score. Answer adjustments for a specific question template are added together to obtain a template similarity score for each question template. The question template with the highest similarity score will
10 serve as the template from which a question is selected.

[Fig. 2]