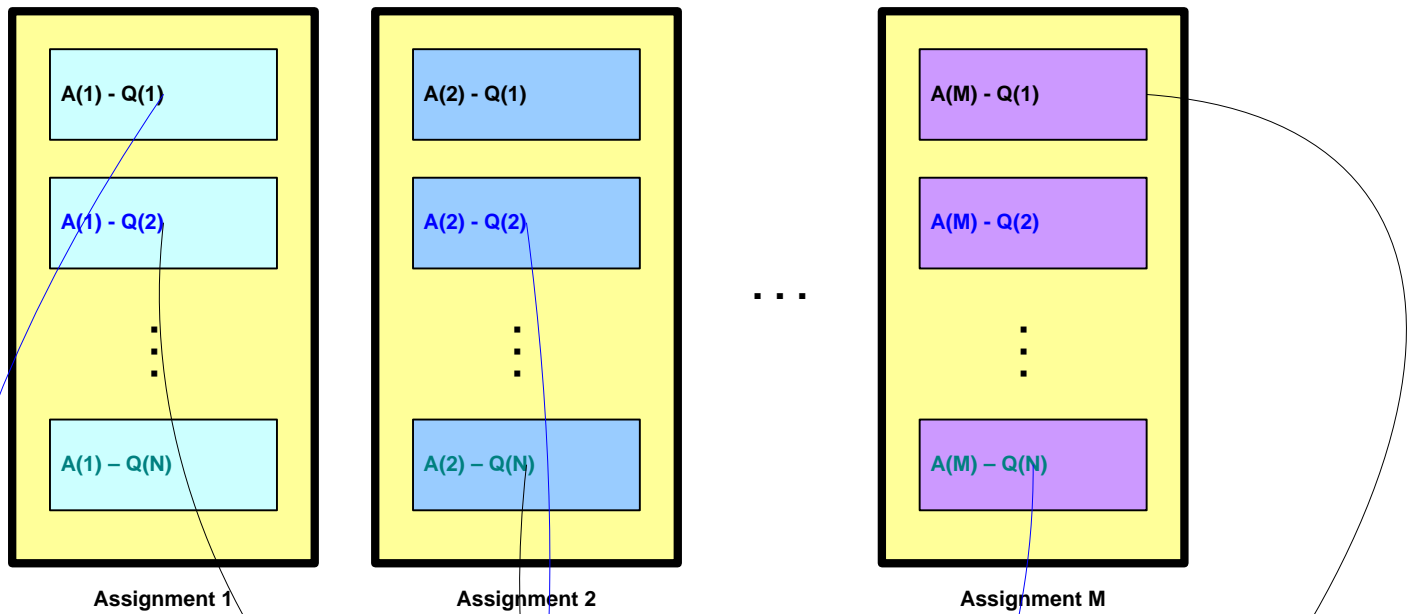


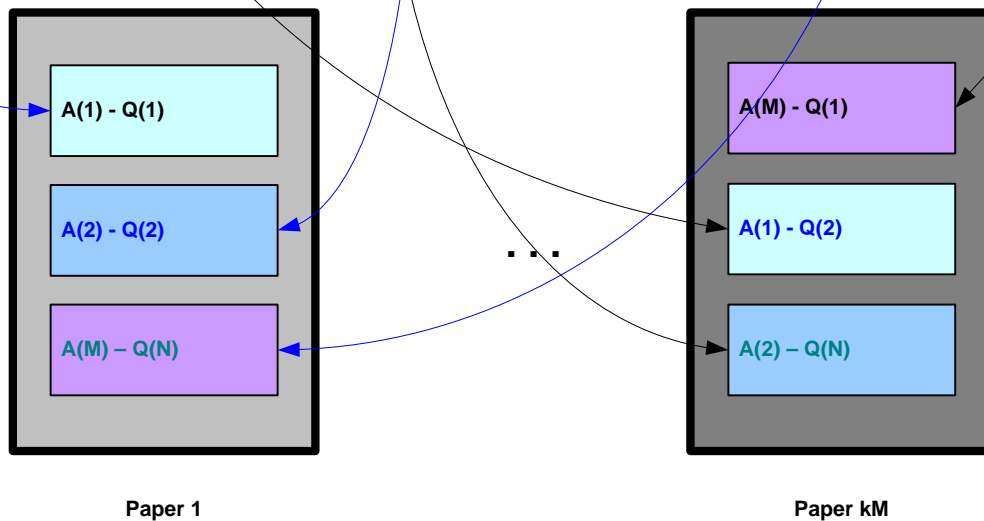
# Sample Based Grading Concept Sketch

SpnS – Jan 20, 2013

## I. Collect Assignments (one per student) via Form



## II. Randomly Shuffle Questions between assignments to create $kM$ "Papers" (Where $k$ is the peer review factor, or the number of papers a student needs to review, eg 3)



## III. Each student grades $k$ papers (randomly assigned).

In addition, each lecturer / tutor will statistically sample and grade  $aM$  papers.

## IV. For each question, each student's feedback is checked for consistency (variance) against the other student's feedback and the lecturer/tutor scores. If the mark is outside bounds, the question is flagged to be graded by the lecturer.

## V. The student's assignment grade is based on the median of the scores. The student's peer grade is based on its quality (consistency) and sampled review of the peer assessments (by the lecturer).