1 Peer Assessment

University procedures require us to offer Peer Assessment in the case of group work that contributes to your degree classification.

We are therefore providing you with the opportunity to assess the contribution made by your fellow group members, if you should wish so to do. **You are, however, under no obligation to take part in this Peer Assessment.**

Important Message: *If you feel that one of your colleagues is making an inadequate contribution to the group, you should inform the lecturing staff without delay so that steps can be taken to understand and address the problem. You should not wait until just before the deadline, as nothing can be done at that stage.*

To take part in Peer Assessment, you should assign a score to the other members of the group according to the following table:

Input	Score
Negligible	0
Small contribution	1–3
Contributed partially, but not fully	4–6
Excellent to exceptional contribution	7–10

You should use the electronic Word form supplied by the Module Leader to record your scores. You should submit this form in the way described above.

If you do not opt to take part in Peer Assessment, but another member of your group does, it will be assumed that you are allocating the maximum score of 10 to all other group members.

Calculation of the Peer Assessment Factor

The Peer Assessment Factor is a multiplicative factor, calculated for each student, which multiplies the group mark to give the final mark for each student.

We now illustrate how the Peer Assessment Factor is calculated.

Suppose Group A has three members X, Y and Z. We calculate the total score that each individual receives from the other group members as shown in this example table:

	Awarded to		
Awarded by	X	Y	Z
X	–	6	8
Y	5	–	8
Z	6	6	–
Total Score	**11**	**12**	**16**
PAF	**11/13 = 0.846**	**12/13 = 0.923**	**16/13 = 1.231**

The Peer Assessment Factor (PAF) is then calculated for each group member by dividing by the arithmetic mean of all the total scores. The arithmetic mean of the total scores shown in the above table is (11 + 12 + 16) / 3 = 39 / 3 = 13, with the associated PAFs being shown in the bottom row of the above table.

Any PAF that is greater than 1 is reduced to 1 so that no student can be rewarded by getting a mark that is higher than the group mark. Hence 1.231 is truncated down to 1.

If the group is awarded a combined mark of 62% for the piece of work under consideration, then the individual percentages for X, Y and Z will be as follows:

- Percentage for X: $62\% \times$ X's PAF $= 62\% \times 0.846 = 52.45\%$
- Percentage for Y: $62\% \times$ Y's PAF $= 62\% \times 0.923 = 57.23\%$
- Percentage for Z: $62\% \times$ Z's PAF $= 62\% \times 1 = 62\%$.

The new group mean is less than the original 62%.

MATH513 Big Data and Social Network Visualization Coursework

PEER ASSESSMENT FORM

If you wish to take part in Peer Assessment, you should submit a completed version of this form. Please remember to assess only other group members, not yourself.

Your Student ID _____

ID of your group member (or name if unavailable) _____

His/her input in	Score out of **10**	Comments
Contributing to group meetings including analyses performed, working to deadlines agreed by the group and writing up the work etc, as appropriate.		

ID of your group member (or name if unavailable) _____

His/her input in	Score out of **10**	Comments
Contributing to group meetings including analyses performed, working to deadlines agreed by the group and writing up the work etc, as appropriate.		

ID of your group member (or name if unavailable) _____

His/her input in	Score out of **10**	Comments
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