

## Deliverable 1 - Marking Scheme

Sections	Marks
1. Name & ID of your group members	0.25
2. Introduction & objective (1 paragraph) <ul style="list-style-type: none"> <li>• Introduce your topic(s) – you can have up to 5 ideas here, you can ask me for help if you need help to decide which idea is best (try to give a few references)</li> <li>• Explain to the reader the objective of the paper and why this topic is important (eg. give the reader sufficient motivation to keep reading)</li> <li>• Say what 4 countries you will analyze (low-income, lower-middle-income, middle-income, high-income)</li> </ul>	2.00
3. Proposed model <ul style="list-style-type: none"> <li>• Briefly explain your model (give a few references)</li> <li>• <math>Y = a + b_1 \cdot x_1 + \dots + b_n \cdot x_n + \varepsilon</math> where Y is the dependent variable, x's are your independent variables that effect Y, and <math>\varepsilon</math> is the error term</li> <li>• For instance, if Y is GDP per person within a country, then one of the x variables could be average adult education (in years of education)</li> <li>• You want to see how education affects GDP per person in each of the 4 countries you choose</li> <li>• Modeling the diffusion process (use statistical techniques that you think are appropriate for a 4<sup>th</sup> year engineering student)</li> </ul>	2.50
4. References	0.25
<b>Total Marks</b>	<b>5.00</b>