Criteria	Description	Weight
Report	 Clear definitions of Criticality and Vulnerability that are grounded in literature. Explanations are provided when needed. Each element included in the operationalisation of the metrics (such as categories of bridges, number of lanes, location etc.) is well-argued for and/or originates from literature. Assumptions made in including or excluding some elements (due to complexity or unavailability of data) are described. Probabilities used, if any, are well-argued for and referenced where possible. Explanation of the methods and results are logical and understandable; clear link (reference) to the code submitted Good visuals with the comparison of results; use, e.g., boxplots, histograms to visualise results (avoid using long tables); for the figures included, non-trivial observations/insights from the visualisation are included. (This also means not every figure created is included.) Use flow charts to visualise processes if needed Interesting relationships between different key performance indicators are reflected upon A brief reflection describing the limitations, possible improvement, extension, etc., of the solution Well-structured and concise report with conceptual and logical soundness Clear link to literature 	4
Option 1: Data Analysis (2.a)	 Assumptions made in using and combining data from the different sources (RMMS, bridges and roads dataset provided earlier) are clearly explained. Choice of visualization method is aimed for use in policy support. Information about vulnerability and criticality of different roads and bridges in the network can be interpreted clearly. Top-10 critical and vulnerable roads and bridges are identified separately. The resulting rank order, implications for policy recommendations and limitations are critically discussed. Choice of metrics and implications on the rank order are discussed. 	4
Option 2: Simulation Experiments (2.b)	 Model runs without errors Experimental design for analyzing criticality and vulnerability in the model is grounded in literature where applicable. Explorative and iterative process of experimentation is described. Assumptions made in using traffic flow data from RMMS datasets as input into the model are well argued for. Measures taken to introduce delays, probability of link breakdowns etc. are explained and well-argued for. The resulting rank order of critical and vulnerable bridges are critically examined considering the methods used and assumptions made. Use different seeds for the replications in a scenario Code (changes made by you) is well-structured and documented 	4
Submission	 Submit in accordance with the submission guidelines Include a README file describing the necessary information to use your program 	2
Total		10