Identity and Purpose Checklist

For the Author:

- Has defined the AI/ML constituent ODD (6.4.1)?

    ○ Yes / No

- Have perturbations in the development phase been considered (e.g. replacement of data points, additive noise or labelling errors)?

    ○ Yes / No

- Are there other potential sources of instability considered (e.g. random initialization of the model, optimization methods or hyperparameter tuning)?

    ○ Yes / No

- Is the trained model stability being verified throughout the ML constituent ODD?

    ○ Yes / No

- Have nominal cases, singular points, edge and corner cases been considered for verification?

    ○ Yes / No

For the Reviewer:

- Has the author defined the AI/ML constituent ODD (6.4.1)?

    ○ Yes / No

- Are perturbations in the development phase being addressed?

    ○ Yes / No

- Is consideration given to other potential sources of instability?

    ○ Yes / No

- Does the verification of trained model stability cover the whole AI/ML constituent ODD?

    ○ Yes / No

- Are nominal cases, singular points, edge and corner cases considered for verification?

    ○ Yes / No

Robustness Checklist

For the Author:

- Is the trained model robustness being verified in adverse conditions?

  ○ Yes / No

- Have test cases including singular points and edge or corner cases been developed within the ODD (e.g. weather conditions like snow, fog for computer vision)?

  ○ Yes / No

For the Reviewer:

- Is the trained model robustness being verified in adverse conditions?

  ○ Yes / No

- Are test cases including singular points and edge or corner cases considered within the ODD?

  ○ Yes / No