**Accuracy Award Approach Description**

# **Entry 1 - Approach**

Please provide a short description of the approach used to calculate the point estimates for the selected countries. The description should contain (1) the data processing steps, (2) the methods and models used, and (3) the time it took to calculate the point estimates.

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| 1. Filter and transform (scale) the data from tour\_occ\_nim\_linear 2. Use ARIMA models for every country and then predict out of sample. The order of the arima models is determined from a grid search through different parameter settings. 3. Coding: anywhere between half a day and a day, computation time: 3-5 minutes (parallelized calculation) |

# **Entry 2 - Approach**

Please provide a short description of the approach used to calculate the point estimates for the selected countries. The description should contain (1) the data processing steps, (2) the methods and models used, and (3) the time it took to calculate the point estimates.

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| Same as Entry 1, but only using data from 2020-01-01 |

# **Entry 3 - Approach**

Please provide a short description of the approach used to calculate the point estimates for the selected countries. The description should contain (1) the data processing steps, (2) the methods and models used, and (3) the time it took to calculate the point estimates.

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# **Entry 4 - Approach**

Please provide a short description of the approach used to calculate the point estimates for the selected countries. The description should contain (1) the data processing steps, (2) the methods and models used, and (3) the time it took to calculate the point estimates.

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# **Entry 5 - Approach**

Please provide a short description of the approach used to calculate the point estimates for the selected countries. The description should contain (1) the data processing steps, (2) the methods and models used, and (3) the time it took to calculate the point estimates.

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# **Short description of the Team – area of expertise (optional)**

Please provide a description of the team and all team members, your area of expertise and contact information.

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