

**1. Recommender's Name:**

Text Response

Lynn Lin

Statistic

Value

Total Responses

1

**2. Recommender's Email Address:**

Text Response

llin@psu.edu

Statistic

Value

Total Responses

1

**3. Applicant's name for which you are providing a recommendation:**

Text Response

Beomseok Seo

Statistic

Value

Total Responses

1

4. How long have you known the applicant and under what circumstances have you become familiar with the applicant's academic abilities?

Text Response

I have known the applicant for about 6 months. I am his phd co-advisor.

Statistic	Value
Total Responses	1

5. Please assess the applicant's ability to contribute to the Data Science for the Public Good Fellowship Program.

Text Response

My research focuses on the development of statistical and computational methods for analyzing high-throughput data, structured Bayesian models for effective dimension reduction and hierarchical model-based clustering, discriminative variable selection, isolation of rare events, multi-sample alignments and model selection. Beomseok has been involved in developing methods based on bootstrap sampling and cluster alignment to achieve more robust clustering results and to define measures for the inherent variation in the clustering result at the levels of both overall partition of data and individual clusters. Beomseok shows his great ability in applying his statistics knowledge in methods development. He is also very efficient, besides the methods development, he did all the simulation studies and real data analysis within several months. Beomseok's strong statistical background and computational skills could allow him to contribute to the Data Science for the Public Good Fellowship Program.

Statistic	Value
Total Responses	1

6. How would you describe the applicant's motivation and initiative in pursuing his/her academic and career goals?

Text Response

I am impressed by the ability of Beomseok to quickly understand complex biological contexts for the real data application and learn necessary skills that would allow him to become very efficient with large data manipulation and to write efficient R codes. Beomseok is also very good at learning and applying his knowledge to practice. Besides taking necessary courses, he spent his spare time to study literatures that are relevant to the project. I have been often observed him working very hard, he holds a very high degree of motivation and initiative in working on the project.

Statistic	Value
Total Responses	1