

## Guhan Ram Venkataraman

Ph.D. Student in Biomedical Informatics, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Polygenic risk modeling with latent trait-related genetic components.** *European journal of human genetics : EJHG*  
Aguirre, M., Tanigawa, Y., Venkataraman, G. R., Tibshirani, R., Hastie, T., Rivas, M. A.  
2021
- **Genetics of 35 blood and urine biomarkers in the UK Biobank.** *Nature genetics*  
Sinnott-Armstrong, N., Tanigawa, Y., Amar, D., Mars, N., Benner, C., Aguirre, M., Venkataraman, G. R., Wainberg, M., Ollila, H. M., Kiiskinen, T., Havulinna, A. S., Pirruccello, J. P., Qian, et al  
2021
- **Rare protein-altering variants in ANGPTL7 lower intraocular pressure and protect against glaucoma.** *PLoS genetics*  
Tanigawa, Y., Wainberg, M., Karjalainen, J., Kiiskinen, T., Venkataraman, G., Lemmela, S., Turunen, J. A., Graham, R. R., Havulinna, A. S., Perola, M., Palotie, A., FinnGen, Daly, M. J., et al  
2020; 16 (5): e1008682
- **Automated Classification of Radiographic Knee Osteoarthritis Severity Using Deep Neural Networks.** *Radiology. Artificial intelligence*  
Thomas, K. A., Kidzinski, L., Halilaj, E., Fleming, S. L., Venkataraman, G. R., Oei, E. H., Gold, G. E., Delp, S. L.  
2020; 2 (2): e190065
- **Cardiac Imaging of Aortic Valve Area from 34,287 UK Biobank Participants Reveal Novel Genetic Associations and Shared Genetic Comorbidity with Multiple Disease Phenotypes.** *Circulation. Genomic and precision medicine*  
Córdova-Palomera, A. n., Tcheandjie, C. n., Fries, J. n., Varma, P. n., Chen, V. S., Fiteau, M. n., Xiao, K. n., Tejada, H. n., Keavney, B. n., Cordell, H. J., Tanigawa, Y. n., Venkataraman, G. n., Rivas, et al  
2020
- **FasTag: Automatic text classification of unstructured medical narratives.** *PloS one*  
Venkataraman, G. R., Pineda, A. L., Bear Don't Walk Iv, O. J., Zehnder, A. M., Ayyar, S., Page, R. L., Bustamante, C. D., Rivas, M. A.  
2020; 15 (6): e0234647
- **Rare and common variant discovery in complex disease: the IBD case study.** *Human molecular genetics*  
Venkataraman, G. R., Rivas, M. A.  
2019
- **DE NOVO MUTATIONS IN AUTISM IMPLICATE THE SYNAPTIC ELIMINATION NETWORK.** *Pacific Symposium on Biocomputing. Pacific Symposium on Biocomputing*  
Ram Venkataraman, G., O'Connell, C., Egawa, F., Kashef-Haghighi, D., Wall, D. P.  
2016; 22: 521-532