



## Juan Manuel Zambrano Chaves

Ph.D. Student in Biomedical Data Science, admitted Summer 2020

### Publications

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#### PUBLICATIONS

- **Radiology Decision Support System for Selecting Appropriate CT Imaging Titles Using Machine Learning Techniques Based on Electronic Medical Records** *IEEE ACCESS*  
Shokrollahi, P., Chaves, J., Lam, J. H., Sharma, A., Pal, D., Bahrami, N., Chaudhari, A. S., Loening, A. M.  
2023; 11: 99222-99236
- **Opportunistic Incidence Prediction of Multiple Chronic Diseases from Abdominal CT Imaging Using Multi-task Learning**  
Blankemeier, L., Gallegos, I., Chaves, J., Maron, D., Sandhu, A., Rodriguez, F., Rubin, D., Patel, B., Willis, M., Boutin, R., Chaudhari, A. S., Wang, L., Dou, et al  
SPRINGER INTERNATIONAL PUBLISHING AG.2022: 309-318
- **Using agent based modeling to assess the effect of increased Bus Rapid Transit system infrastructure on walking for transportation.** *Preventive medicine*  
Lemoine, P. D., Cordovez, J. M., Zambrano, J. M., Sarmiento, O. L., Meisel, J. D., Valdivia, J. A., Zarama, R.  
2016; 88: 39-45
- **TransMilenio, a Scalable Bus Rapid Transit System for Promoting Physical Activity.** *Journal of urban health : bulletin of the New York Academy of Medicine*  
Lemoine, P. D., Sarmiento, O. L., Pinzón, J. D., Meisel, J. D., Montes, F., Hidalgo, D., Pratt, M., Zambrano, J. M., Cordovez, J. M., Zarama, R.  
2016; 93 (2): 256-70
- **TrkB gene therapy by adeno-associated virus enhances recovery after cervical spinal cord injury.** *Experimental neurology*  
Martínez-Gálvez, G., Zambrano, J. M., Diaz Soto, J. C., Zhan, W. Z., Gransee, H. M., Sieck, G. C., Mantilla, C. B.  
2016; 276: 31-40
- **Changes to circulating inflammatory cytokines in response to moderate exercise.** *The Journal of sports medicine and physical fitness*  
Gómez-Banoy, N., Mockus, I., Aranzález, L. H., Zambrano, J. M.  
2014; 56 (1-2): 100-4