Additional References:

Object Oriented Data Analysis

By J. S. Marron and Ian L. Dryden

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Bhattacharya, R. N., Buibas, M., Dryden, I. L., Ellingson, L. A., Groisser, D., Hendriks, H. W. M., ... & Wood, A. T. (2011). Extrinsic data analysis on sample spaces with a manifold stratification. (thanks to V. Patrangenaru)

Billera, L. J., Holmes, S. P., & Vogtmann, K. (2001). Geometry of the space of phylogenetic trees. *Advances in Applied Mathematics*, *27*(4), 733-767.

Campbell, K. M., Dai, H., Su, Z., Bauer, M., Fletcher, P. T., & Joshi, S. C. (2021, June). Structural Connectome Atlas Construction in the Space of Riemannian Metrics. In *International Conference on Information Processing in Medical Imaging* (pp. 291-303). Springer, Cham.

Cartan, E. (1946). Lecons sur la geometrie des espaces de Riemann, Gauthier-Villars. (thanks to V. Patrangenaru)

Ellingson, L., Patrangenaru, V., & Ruymgaart, F. (2013). Nonparametric estimation of means on Hilbert manifolds and extrinsic analysis of mean shapes of contours. *Journal of Multivariate Analysis*, *122*, 317-333. (thanks to V. Patrangenaru)

Greenberg, M. J. (1993). *Euclidean and non-Euclidean geometries: Development and history*. Macmillan. (thanks to V. Patrangenaru)

Huckemann, S., Kim, K. R., Munk, A., Rehfeldt, F., Sommerfeld, M., Weickert, J., & Wollnik, C. (2016). The circular SiZer, inferred persistence of shape parameters and application to early stem cell differentiation. *Bernoulli*, 22(4), 2113-2142.

Matuk, J., Kurtek, S., & Bharath, K. (2021). Topological Data Analysis through alignment of Persistence Landscapes. *arXiv preprint arXiv:2106.15436*.

Patrangenaru, V. (1994). Locally homogeneous Riemannian manifolds and Cartan triples. *Geometriae Dedicata*, *50*(2), 143-164. (thanks to V. Patrangenaru)

Patrangenaru, V. (1999). Asymptotic statistics on manifolds and their applications. (thanks to V. Patrangenaru)

Terras, A. (1984). Noneuclidean harmonic analysis, the central limit theorem, and long transmission lines with random inhomogeneities. *Journal of multivariate analysis*, *15*(2), 261-276. (thanks to V. Patrangenaru)

Voiculescu, D. (1991). Limit laws for random matrices and free products. *Inventiones mathematicae*, *104*(1), 201-220. (thanks to V. Patrangenaru)

Weyenberg, G. (2015). *Statistics in the Billera-Holmes-Vogtmann treespace*. University of Kentucky.