REFERENCES

[1] Into the history of influenza control... http://www.who.int/influenza/gip-anniversary/en/. Accessed: 2018-07-03.

[2] Centers for Disease Control and Prevention. Key facts about seasonal flu vaccine. https://www.cdc.gov/flu/protect/keyfacts.htm, 2017. Accessed: 2018-07-03.

[3] Overview of influenza surveillance in the united states. https://www.cdc.gov/flu/weekly/overview.htm. Accessed: 2019-01-13.

[4] D. M. Fleming and A. J. Elliot. Lessons from 40 years surveillance of influenza in england and wales. *Epidemiology and Infection 136(7)*, pages 866–875, 2007.

[5] K. M. Neuzil, C. Hohlbein, and Y. Zhu. Illness among school children during influenza season: effect on school absenteeism, parental absenteeism from work, and secondary illness in families. *Arch Pediatr Adolesc Med 156(10)*, pages 986–991, 2002.

[6] J. Ginsberg, M. Mohebbi, R.S. Patel, L. Brammer, M. S. Smolinski, and L. Brilliant. Detecting influenza epidemics using search engine query data. *Nature 457(7232)*, pages 1012–1014, 2009.

[7] V. Lampos, A. C. Miller, S. Crossan, and C. Stefansen. Advances in nowcasting influenza-like illness rates using search query logs. *Scientific reports 5*, pages 1012–1014, 2015.

[8] V. Lampos, T. D. Bie, and N. Cristianini. Flu detector - tracking epidemics on twitter. *ECML PKDD 2010: Machine Learning and Knowledge Discovery in Databases*, pages 599–602, 2010.

[9] P. Polgreen, Y. Chen, D. Pennock, and F. Nelson. Using internet searches for influenza surveillance. *Clinical Infectious Diseases 47(11)*, pages 1443–1448, 2008.

[10] D. Osthus, K. S. Hickmann, P. C. Caragea, D. Higdon, and S. Y. Del Valle. Forecasting seasonal influenza with a state-space sir model. *The Annals of Applied Statistics 11-1*, pages 202–224, 2017.

[11] M. Santillana, A. T. Nguyen, M. Dredze, Paul M. J., E. O. Nsoesie, and J. S. Brownstein. Combining search, social media, and traditional data sources to improve influenza surveillance. *PLoS Computional Biology 11*, 2015.

[12] L. Bollmann and M. Scherer. Modeling influenza-like illness activity in the united states. *North American Actuarial Journal 21(3)*, pages 323–342, 2017.

[13] G.E.P. Box and G. M. Jenkins. Time series analysis: Forecasting and control. *San Francisco : Holden-Day*, page 575, 1976.

[14] Robert Engle. Autoregressive conditional heteroscedasticity with estimates of the variance of united kingdom inflation. *Econometrica 50*, pages 987–1007, 1982.

[15] Kenichi Shimizu. *Bootstrapping Stationary ARMA-GARCH Models*. Vieweg+Teubner, Wiesbaden, 2010.

[16] Shiqing Ling and W. K. Li. On fractionally integrated autoregressive moving-average time series models with conditional heteroscedasticity. *J. Amer. Statist. Assoc.*, pages 1184–1194, 1997.

[17] Shiqing Ling and Michael McAleer. Asymptotic theory for a vector arma-garch model. *Econometric Theory 19*, pages 280–310, 2003.

[18] R. A. Johnson and Wichern D. W. *Applied Multivariate Statistical Analysis*. Pearson Prentice Hall, 2007.

[19] R.H. Shumway and D.S. Stoffer. *Time Series Analysis and Its Applications With R Examples*. Springer, New York, 2011.

[20] Tim Bollerslev. Generalized autoregressive conditional heteroskedasticity. *Econometrics 31*, pages 308–327, 1986.

[21] T. Bollerslev, R. Y. Chou, and K. F. Kroner. Arch modeling in finance: A of the theory and empirical evidence. *Econometrics 52*, pages 5–59, 1992.

[22] A. K. Bera and M. L. Higgins. Arch models: Properties, estimation and testing. *Surveys in Econometrics*, pages 215–272, 1995.

[23] Jonathan D. Cryer and Kung-Sik Chan. *Time Series Analysis With Applications in R*. Springer-Verlag, New York, 2008.

[24] N. Krämer and U. Schepsmeier. Introduction to vine copulas. `https://www.statistics.ma.tum.de/fileadmin/w00bdb/www/veranstaltungen/Vines.pdf`, 2011. Accessed: 2018-07-15.

[25] T. Bedford and R. Cooke. Probability density decomposition for conditionally dependent random variables modeled by vines. *Annals of Mathematics and Artificial Intelligence 32*, pages 245–268, 2001.

[26] T. Bedford and R. Cooke. Vines - a new graphical model for dependent random variables. *Annals of Statistics 30*, pages 1031–1068, 2002.

[27] A. Moller, L. Spazzini, D. Kraus, T. Nagler, and C. Czado. Vine copula based post-processing of ensemble forecasts for temperature. 2018.

[28] A. Sklar. Fonctions de répartition *à* n dimensions et leurs marges. *Publications de l'Institut de Statistique de L'Université de Paris 8*, pages 229–231, 1959.

[29] H. Joe. *Multivariate Models and Dependence Concepts*. Chapman & Hall, London, 1997.

[30] R. B. Nelsen. *An Introduction to Copulas*. Springer-Verlag, Berlin, 2006.

[31] H. Joe. Families of m-variate distributions with given margins and m(m-1)/2 bivariate dependence parameters. *Lecture Notes-Monograph Series, Institute of Mathematical Statistics 28*, pages 120–141, 1996.

[32] D. Kurowicka and R.M. Cooke. *Uncertainty Analysis with High Dimensional Dependence Modeling*. John Wiley & Sons, Chichester, 2006.

[33] K. Aas, C. Czado, A. Frigessi, and H. Bakken. Pair-copula constructions of multiple dependence. *Insurance: Mathematics and Economics 44(2)*, pages 182–198, 2009.

[34] E.C. Brechmann and U. Schepsmeier. Modeling dependence with c- and d-vine copulas: The r package cdvine. *Journal of Statistical Software,52(3)*, 2013.

[35] C. Czado, U. Schepsmeier, and A. Min. Maximum likelihood estimation of mixed c-vines with application to exchange rates. *Statistical Modeling, 12(3)*, pages 229–255, 2012.

[36] Z. Zhao, C. Wang, M.S. Nokleby, and C.J. Miller. Fitting an error distribution in some heteroscedastic time series models. *IEEE Power & Energy Society General Meeting*, 2017.

[37] V. Krishnamurthy and Y. Duan. Dependence structure analysis of meta-level metrics in youtube videos: A vine copula approach. 12 2017.

[38] P. Brockwell and R. Davis. *Introduction to Time Series and Forecasting*. Springer, New York, 2002.

[39] I. Kojadinovic, J. Segers, and J. Yan. Large-sample tests of extreme-value dependence for multivariate copulas. *Canadian Journal of Statistics 39*, pages 703–720, 2011.

[40] I. Kojadinovic and J. Yan. A non-parametric test of exchangeability for extreme-value and left-tail decreasing bivariate copulas. *Scandinavian Journal of Statistics 39*, pages 480–496, 2012.

[41] C. Genest, J. Nešlehová, and J. Quessy. Tests of symmetry for bivariate copulas. *Annals of the Institute of Statistical Mathematics 64*, pages 811–834, 2012.

[42] U. Schepsmeier, K. Stoeber, E. Brechmann, B. Graeler, T. Nagler, and T. Erhardt. Package 'vinecopula'. `https://cran.r-project.org/web/packages/VineCopula/VineCopula.pdf`, 2015. Accessed: 2018-07-15.

[43] P.S.P. Cowpertwait and A.V. Metcalfe. *Introductory Time Series with R*. Springer, 2009.