

Publications. Thore Egeland

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2021

1. HK Brustad, M Colucci, MA Jobling, NA Sheehan, T Egeland (2021). Strategies for pairwise searches in forensic kinship analysis. *Forensic Science International: Genetics* 54.
2. FL Marsico, MD Vigeland, T Egeland, MH Piñero (2021). Making decisions in missing person identification cases with low statistical power. *Forensic science international: Genetics*: 102562.
3. D Kling, T Egeland, A Tillmar, L Prieto. Mass Identifications: Statistical Methods in Forensic Genetics (2021). Academic press (book).
4. MD Vigeland, T Egeland (2021). *Joint DNA-based Disaster Victim Identification*. Scientific Reports volume 11, Article number: 13661.
5. HK Brustad, MD Vigeland, T Egeland (2021). *Pairwise relatedness testing in the context of inbreeding: expectation and variance of the likelihood ratio*. International Journal of Legal Medicine 135 (1), 117-129.

2020

6. LC Gaudernack, TM Michelsen, T Egeland, N Voldner, M Lukasse (2020). *Does prolonged labor affect the birth experience and subsequent wish for cesarean section among first-time mothers? A quantitative and qualitative analysis of a survey from Norway*. BMC Pregnancy and Childbirth 20 (1), 1-13.
7. MD Vigeland, FL Marsico, MH Piñero, T Egeland (2020). *Prioritising family members for genotyping in missing person cases: A general approach combining the statistical power of exclusion and inclusion*. Forensic Science International: Genetics 49: 102376.

2019

8. Bleka, Ø., Wisløff, T., Dahlberg, P. S., Rolseth, V., & Egeland, T. (2019). Advancing estimation of chronological age by utilizing available evidence based on two radiographical methods. *International journal of legal medicine*, 133(1), 217-229.
9. MD Vigeland, T Egeland (2019) Handling founder inbreeding in forensic kinship analysis. *Forensic Science International: Genetics Supplement Series*
10. HK Brustad, T Egeland (2019) The impact of ignoring inbreeding in pairwise kinship evaluations. *Forensic Science International: Genetics Supplement Series*
11. E Hernandis, G Dørum, T Egeland (2019) relMix: An open source software for DNA mixtures with related contributors. *Forensic Science International: Genetics Supplement Series*

2018

12. Arnulf, J. K., Larsen, K. R., Martinsen, Ø. L., & Egeland, T. (2018). The failing measurement of attitudes: How semantic determinants of individual survey responses come to replace measures of attitude strength. *Behavior research methods*, 50(6), 2345-2365.

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14. Egeland T, Pinto N, Amorim A. Exact likelihood ratio calculations for pairwise cases. *Forensic Science International: Genetics*, <http://dx.doi.org/10.1016/j.fsigen.2017.04.018>.
15. García-Magariños, Manuel, and Thore Egeland. "Kinship." *Handbook of Forensic Genetics: Biodiversity and Heredity in Civil and Criminal Investigation*. 2017. 81-100.
16. D Kling, T Egeland, MH Piñero, MD Vigeland. Evaluating the statistical power of DNA-based identification, exemplified by 'The missing grandchildren of Argentina'. *Forensic Science International: Genetics* 31, 57-66.
17. Andreas O Tillmar, Daniel Kling, John M Butler, Walther Parson, Mechthild Prinz, Peter M Schneider, Thore Egeland, Leonor Gusmao. DNA Commission of the International Society for Forensic Genetics (ISFG): Guidelines on the use of X-STRs in kinship analysis. *Forensic Science International: Genetics* 29, 269-27.
18. J Gonçalves, E Conde-Sousa, T Egeland, A Amorim, N Pinto. Key individuals for discerning pedigrees belonging to the same autosomal kinship class. *Forensic Science International: Genetics* 29, 71-79.
19. AE Fonnelløp, M Ramse, T Egeland, P Gill. The implications of shedder status and background DNA on direct and secondary transfer in an attack scenario. *Forensic Science International: Genetics* 29, 48-60. Characterization of degradation and heterozygote balance by simulation of the forensic DNA analysis process
20. O Hansson, T Egeland, P Gill. *International journal of legal medicine* 131 (2), 303-317

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21. Sun, M., Jobling, M. A., Taliun, D., Pramstaller, P. P., Egeland, T., & Sheehan, N. A. (2016). On the use of dense SNP marker data for the identification of distant relative pairs. *Theoretical population biology*, 107, 1425.
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23. Fonnelløp, A. E., Johannessen, H., Egeland, T., & Gill, P. (2016). Contamination during criminal investigation: Detecting police contamination and secondary DNA transfer from evidence bags. *Forensic Science International: Genetics*: 23, 121-129.
24. Egeland, Thore, and Klaas Slooten. [The likelihood ratio as a random variable for linked markers in kinship analysis](#). *International Journal of Legal Medicine*. (2016): 1-12.
25. Presciuttini, Silvano, and Thore Egeland. About the number of contributors to a forensic sample. *Forensic Science International: Genetics* (2016).
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