Updated 20 August 2019

Buckleton, Bright and Taylor only


Buckleton, Bright or Taylor and other(s)

15. Bille T. et al., Comparison of the performance of different models for the interpretation of low level mixed DNA profiles, Electrophoresis. 35(21-22) (2014) 3125-3133
21 Buckleton, J.S. et al., Helping formulate propositions in forensic DNA analysis, Science and Justice. 54(4) (2014) 258-261
36 Taylor, D.A. et al., Importance sampling allows Hd true tests of highly discriminating DNA profiles, Forensic Science International: Genetics. 27 (2017) 74-81


T. Bille, S. Weitz, J.S. Buckleton, J.-A. Bright, Interpreting a major component from a mixed DNA profile with an unknown number of minor contributors, Forensic Science International: Genetics 40 (2019) 150-159


Probabilistic approaches to interpreting two-person DNA mixtures from post-coital specimens Forensic Science International, 2019, Volume 300, July 2019, Pages 157-163 Jae Joseph Russell Rodriguez, Maria Corazon De Ungria, Jo-Anne Bright, Jazelyn Salvador, Rita Laude

Russell, Laura, Cooper, Stuart, Wivell, Richard, Kerr, Zane, Taylor, Duncan, Buckleton, John and Bright, Jo-Anne, A guide to results and diagnostics within a STRmix™ report. Wiley Interdisciplinary Reviews: Forensic Science. 0(0): p. e1354


None of Bright, Buckleton and Taylor


Maximizing intelligence obtained from higher-order DNA mixtures from volume crime samples. Dubrich, J., Abarno, D.

Assessment of changes to DNA database interrogation at Forensic Science SA. Collins, T.E., Abarno, D.V.

Mildly critical


Using STRmix for other research


Stabbing simulations and DNA transfer Samie, Lydie; Hicks, Tacha; Castella, Vincent; Taroni, Franco ISSN: 18724973; DOI: 10.1016/j.fsigen.2016.02.001 Forensic science international. , 2016, Vol.22, p.73-80


Bianca Szkuta, Ricky Ansell, Lina Boiso, Edward Connolly, Ate D. Kloosterman, Bas Kokshoorn, Louise G. McKenna, Kristy Steensma, Roland A.H. van Oorschot. Assessment of the transfer, persistence, prevalence and recovery of DNA traces from clothing: an inter-laboratory study on worn upper garments. Forensic Science International: Genetics. 2019 IN PRESS

Independence

PCAST make several mentions of independence (see below). Whilst understandable it is disappointing. As a personal statement I would never knowingly deceive a court or the reader of my papers. From my knowledge of Jo-Anne Bright and Duncan Taylor this would also apply to them. The Daubert criteria is actually peer review not peer review of publications by independent groups.

PCAST[1, 2] pg 79 Appropriate evaluation of the proposed methods should consist of studies by multiple groups, not associated with the software developers, that investigate the performance and define the limitations of programs by testing them on a wide range of mixtures with different properties.

PCAST pg 81 As noted above, such studies should be performed by or should include independent research groups not connected with the developers of the methods and with no stake in the outcome.
[1] President’s Council of Advisors on Science and Technology, Forensic Science in Criminal Courts: Ensuring Scientific Validity of Feature-Comparison Methods. 

[2] President’s Council of Advisors on Science and Technology, An addendum to the PCAST report on forensic science in criminal courts. 