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14. Tom Fawcett. 2006. An introduction to ROC analysis. *Pattern Recognition Letters* 27, 8 (2006), 861 – 874. DOI: <http://dx.doi.org/10.1016/j.patrec.2005.10.010>
  15. Mayank Goel, Jacob Wobbrock, and Shwetak Patel. 2012. GripSense: Using Built-in Sensors to Detect Hand Posture and Pressure on Commodity Mobile Phones. In *Proceedings of the 25th Annual ACM Symposium on User Interface Software and Technology (UIST '12)*. ACM, New York, NY, USA, 545–554. DOI: <http://dx.doi.org/10.1145/2380116.2380184>
  16. Niels Henze, Enrico Rukzio, and Susanne Boll. 2011. 100,000,000 Taps: Analysis and Improvement of Touch Performance in the Large. In *Proceedings of the 13th International Conference on Human Computer Interaction with Mobile Devices and Services (MobileHCI '11)*. ACM, New York, NY, USA, 133–142. DOI: <http://dx.doi.org/10.1145/2037373.2037395>
  17. Christian Holz and Patrick Baudisch. 2010. The Generalized Perceived Input Point Model and How to Double Touch Accuracy by Extracting Fingerprints. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '10)*. ACM, New York, NY, USA, 581–590. DOI: <http://dx.doi.org/10.1145/1753326.1753413>
  18. Christian Holz and Patrick Baudisch. 2011. Understanding Touch. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '11)*. ACM, New York, NY, USA, 2501–2510. DOI: <http://dx.doi.org/10.1145/1978942.1979308>
  19. Josip Musić and Roderick Murray-Smith. 2016. Nomadic Input on Mobile Devices: The Influence of Touch Input Technique and Walking Speed on Performance and Offset Modeling. *Human-Computer Interaction* 31, 5 (2016), 420–471. DOI: <http://dx.doi.org/10.1080/07370024.2015.1071195>
  20. Josip Musić, Daryl Weir, Roderick Murray-Smith, and Simon Rogers. 2016. Modelling and correcting for the impact of the gait cycle on touch screen typing accuracy. *mUX: The Journal of Mobile User Experience* 5, 1 (19 Apr 2016), 1. DOI: <http://dx.doi.org/10.1186/s13678-016-0002-3>
  21. Matei Negulescu and Joanna McGrenere. 2015. Grip Change As an Information Side Channel for Mobile Touch Interaction. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems (CHI '15)*. ACM, New York, NY, USA, 1519–1522. DOI: <http://dx.doi.org/10.1145/2702123.2702185>
  22. Albert Ng, Michelle Annett, Paul Dietz, Anoop Gupta, and Walter F. Bischof. 2014. In the Blink of an Eye: Investigating Latency Perception During Stylus Interaction. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '14)*. ACM, New York, NY, USA, 1103–1112. DOI: <http://dx.doi.org/10.1145/2556288.2557037>
  23. Carl Edward Rasmussen and Christopher K. I. Williams. 2006. *Gaussian Processes for Machine Learning*. The MIT Press. <http://www.ncbi.nlm.nih.gov/pubmed/15112367>
  24. Peter Rasmussen. 2001. Bayesian Estimation of change points using the general linear model. *Water Resources Research* 37, 11 (2001), 2723–2731. DOI: <http://dx.doi.org/10.1029/2001WR000311>
  25. Pin Shen Teh, Ning Zhang, Andrew Beng Jin Teoh, and Ke Chen. 2016. A survey on touch dynamics authentication in mobile devices. *Computers and Security* 59 (2016), 210–235. DOI: <http://dx.doi.org/10.1016/j.cose.2016.03.003>
  26. Michael E. Tipping. 2001. Sparse Bayesian Learning and the Relevance Vector Machine. *Journal of Machine Learning Research* 1 (2001), 211–244. <http://www.ai.mit.edu/projects/jmlr/papers/volume1/tipping01a/abstract.html>
  27. Daniel Vogel and Patrick Baudisch. 2007. Shift: A Technique for Operating Pen-based Interfaces Using Touch. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '07)*. ACM, New York, NY, USA, 657–666. DOI: <http://dx.doi.org/10.1145/1240624.1240727>
  28. Daryl Weir, Daniel Buschek, and Simon Rogers. 2013. Sparse Selection of Training Data for Touch Correction Systems. In *Proceedings of the 15th International Conference on Human-computer Interaction with Mobile Devices and Services (MobileHCI '13)*. ACM, New York, NY, USA, 404–407. DOI: <http://dx.doi.org/10.1145/2493190.2493241>
  29. Daryl Weir, Simon Rogers, Roderick Murray-Smith, and Markus Löchtefeld. 2012. A User-specific Machine Learning Approach for Improving Touch Accuracy on Mobile Devices. In *Proceedings of the 25th Annual ACM Symposium on User Interface Software and Technology (UIST '12)*. ACM, New York, NY, USA, 465–476. DOI: <http://dx.doi.org/10.1145/2380116.2380175>
  30. Ying Yin, Tom Yu Ouyang, Kurt Partridge, and Shumin Zhai. 2013. Making Touchscreen Keyboards Adaptive to Keys, Hand Postures, and Individuals: A Hierarchical Spatial Backoff Model Approach. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13)*. ACM, New York, NY, USA, 2775–2784. DOI: <http://dx.doi.org/10.1145/2470654.2481384>