# Fixation

See Tobii Manual

Two dominant eye measures are 1) centering a point of interest and 2) pursuit of a moving object (Semmelmann & Weigelt, 2018).

* Fixation are aggregations of gaze points in a certain time period
* Different algorithms: slow saccades (I-VT), imputation (Gap-filling
* With more data, the impact of noise is larger

Holmqvist, K., Nyström, M., & Mulvey, F. (2012). Eye tracker data quality: What it is and how to measure it. Proceedings of the symposium on eye tracking research and applications, 45-52.

Semmelmann, K., & Weigelt, S. (2018). Online webcam-based eye tracking in cognitive science: A first look. *Behavior Research Methods*, *50*(2), 451-465. <https://doi.org/10.3758/s13428-017-0913-7>