

## Hofmann et al. (2014)

From 331 search 'episodes' ( $N$  = unmentioned)

**A: monitoring:** frequent fixations on QAC, and on the top-ranked suggestions in particular (hypothesized that QAC played a role in confirming to the user that they were typing the query correctly)

**B: searching:** user actively scanned and engaged with the QAC list from top to bottom; two distinct types of searching were identified:

- 1) *seeking spelling support* for difficult words (e.g. 'schwarzenegger') while entering a query they have in mind;
- 2) not seeking spelling support, but rather *looking for a complete query* that appropriately expressed their information need;

**C: ignoring:** non-touch-typists largely ignored the QAC suggestions because they primarily looked at the keyboard while typing, and typically only looked up from the keyboard when they had finished typing.

## Smith et al. (2016)

From 707 queries submitted in 232 topic sessions ( $N$  = 29)

**A: Fast Boxers:** worked quickly, submitted queries in the query input box, using the enter key almost exclusively, with very little attention to the screen other than to the query input box

**B: Touch Typists:** similar to A, worked quickly and mostly using the query input box and the enter key, but not to the exclusion of queries from the QAC suggestions and clicking on them. They looked at the QAC suggestions very rarely, but they did focus on the query input box, as they rarely have a missing fixation.

**C: Slow and Methodical Typists:** worked slowly to create many long queries in the query input box. Although they tended to focus a great deal of attention to all parts of the screen, they were likely to focus on the query input box alone for many queries, and rarely focused only on the QAC suggestions list.

**D: Agnostic Mousers:** used both the query input box and the QAC suggestions list, but put more time focus on QAC list than the query box. Queries were submitted by clicking the mouse, to the near exclusion of the enter key. A high visual attention to the screen could be explained by the reliance on the mouse and the need to track the mouse cursor visually.

**E: Fast and Unfocused Agnostics:** worked quickly to submit a lot of queries using QAC suggestions, but they also typed some queries fully in the query input box. Although a lot of their visual attention was on QAC suggestions list and very little elsewhere, they had a lot of missed fixations, and may have focused on the keyboard.

**F: Fast QACers:** also worked quickly, but created very short queries that were likely to be queries from the QAC suggestions. Their attention often focused on the QAC suggestions list only, and rarely on the query input box.