Experiment

Participant: Robert Fanner
User: 4
Session 1:
Sub-session 1 (Tutorial): 15 minutes, **Speed:** 0.6s, Tue 19 March.
the_quick_brown_fox_jumps_over_the_lazy_dog_.
   • the_(zhe_), fox_(ffpx_)
Sub-session 2: (Testing): 15 minutes, Tue 19 March.
how_is_everything_with_you_. (0.8s)
   • everything_(everwthing_)
will_you_drive_me_to_my_appointment_. (0.7s)
Sub-session 3: (Testing): 15 minutes, Tue 19 March.
can_you_take_me_somewhere_. (0.6s)
   • me_: "m" wrote p → delete → m
where_did_you_get_those_shoes_. (0.6s)
i_think_there_is_a_rat_in_my_room_. (0.6s)
Sub-session 4: (Testing): 15 minutes, Tue 19 March.
you_have_a_good_sense_of_humour_. (0.5s)
give_me_my_jacket_. (0.4s)
   • jacket: x2 delete
i_didnt_sleep_well_last_night_. (0.4s)
i_need_to_change_my_clothes_. (0.4s)

Session 2:
Sub-session 1 (Tutorial): 15 minutes, **Speed:** 0.6s, Tue 26 March.
you_know_this_is_not_the_first_time_. (0.6s)
   • know_(knoba_)

Sub-session 2: (Testing): 15 minutes, Tue 19 March.
type_email_message_for_me_. (0.6s)
   • for_(fu_)
   • ty → tw → delete → ty
i_love_you_. (0.6s)
   • i_ (ia_)
i_cant_wait_to_see_your_new_laptop_. (0.5s)
   • to_(undo row on "o")
how_is_my_cat_. (0.5s)

Sub-session 3: (Testing): 15 minutes, Tue 26 March.   **Speed** 0.4seconds
sure_is_storming_hard_.
   • storming_(storning_), one delete
i_wish_i_could_join_you_in_trip_.
going_to_bed_.

- timeout on "."

please_take_a_photo_of_me_.
- undo x 2 on "o" of photo
- me_(ne_)

this_is_awesome_.
- this_(thispg → delete → delete → _)

Resuming experiment Grid2:
- started with session 2 subsession 4 in Tutorial mode: 18 July 2013
- Trained for 15-30 minutes at scan delay of 0.4 seconds.
- Did session 2 sub-session 4 at speed of 0.4
- Then did noise test (session 4 subsession 1 & 2 of 15 minutes each). Skipped sesssion 3 (seeing how fast the quick brow fox... could be written)

Ticker:
- Trained for session 1 (1.5 hours) and session 2 (a bit more than 1 hour)
- Session 3 subsession 1+2: Real thing
- Session 5 subsession 1+2: noisy experiment
- Mean delay around 0.3, sigma=0.07, learning rate=0.3, fp=0.25, fr=0.05, undo_last=4, prog start=2, new word=6, world_select_thresh=0.9, file_length=0.2, end_delay=0.3

Session 3:

Sub-session 2: (Testing): 15 minutes, Fri 19 July.
- Gauss mean = 0.289, sigma=0.07, fp = 0.25/min, fr=0.5

i_need_some_help_walking_there_. (0.71)
has_anyone_called_.(0.72)
good_job_.(0.73)
where_are_my_shoes_(0.73)
- shoes_(shots_)

turn_on_the_tv_.(0.74)
when_would_i_be_discharged_.(0.74)
- (repeated is almost twice, struggle with "d" at this speed.)

Sub-session 3: (Testing): 15 minutes, Fri 19 July.

i_feel_like_having_dessert_. (0.75)
- feel_ (fool_), having_(have_)

no_problem_. (0.75)
- no_(to_)

i_need_a_dressy_outfit_for_the_ceremony_. (0.75)
give_me_support_i_am_falling_down_. (0.75)

Sub-session 5: (Testing): 10 minutes

i_want_some_water_. (0.71)
doctor_is_here_. (0.71)
thanks_for_giving_me_support_.(0.71)
my_feet_hurt_.(0.71)

Session 5:

Sub-session 1: (Testing): 15 minutes, speed=0.65
- end_delay=1.25
- set to gaussian and then callibrated – delay = 1.1, std=0.07
- Delay=0.8s, std=0.05, fp=1/3, fr=0.1
- calibrate x2
- Set delay to 1.1, std to 0.07 then calibrated. Calibration is senstive to the initialisation.
- Tmp10.txt

could_you_grab_me_a_drink_please_.
can_you_make_sure_you_clean_the_apartment_before_you_leave_.
- surefire_(sure_).

Sub-session 2: (Testing): 15 minutes, speed=0.65
- end_delay?
- Delay=1.5s, std=0.05, fp=1/3, fr=0.1
- calibrate x2
- Set delay to 1.9, std to 0.08
- fixed distr delay to 1.83, std=0.082 before calibration, then callibrated.
- Tmp11.txt

how_is_your_leg_now_.
he_goes_to_sleep_ahead_of_me_.
- Ahead = rhode
nice_to_meet_you_.
that_sounds_good_.

General notes:
- Ticker: Initially the user really struggled with the Bariton Bob, but got used to it.
- Managed to click when hearing a letter (anticipate when the letters come with the click sound, and then click when they are heard). At fast speeds difficult to click on "e" and "d" as they follow to quickly on one another. Next one comes already when doing a lazy click after first one is heard. "e" occurs very frequently, causing higher std in click distr. Worked better at lower speeds.
- Impression is that sounds are not the same length – this will improve the user anticipation of where to click (can anticipate more easily with the grid).
- Got confused frequently where user is.