${\it T-Maze}$ daily running protocol in RR3

Daily protocol overview

Start Neuralynx and initialize MATLAB script, weigh rats, run session, feed rat, clean-up.

\mathbf{Set}	up
	Turn on computer (password: cheetah)
	Turn on Neuralynx, wait for it to boot (stable green boot light)
	Turn on the black interface box above the Neuralynx acquisition system
	Turn on the white noise machine to the highest setting
	Open MATLAB (use controlscript_training.m)
	Once Neuralynx has stabilized, run the Cheetah softward, hit Select A Different Startup File, open with tmaze_behavior.cfg
	Open and save a new YYYY-MM-DD_notes.txt file in the daily folder
	Turn on the wall lights and adjust the dimmer to the marked line
	In Cheetah, press ACQ to start acquisition
	In MATLAB, change phase.north_first (alternates daily between 1 and 0 for North or South start). Note which start in notes.txt file
	Initialize and maze by running all but the last cell blocks
	Check the feeders (dispensed 2 pellets each) and photobeams (the red LED lights up when broken) Go to the vivarium to weigh the rat and bring him to the running room
Run experimental session	
П	Put the rat on the pedestal in RR3
	Hit "Record" in Cheetah for pre—maze pedestal phase (5 minutes to start)
	Unclick "Record" wait about 1 minute
	Hit "Record" in Cheetah for maze phase
	Run the final block of code in MATLAB to start the task
	Ensure barrier(s) are correct based on MATLAB display
	Put rat on maze
	Follow trial sequence from the MATLAB display
	Put rat on pedestal when trials are completed OR max time has passed (45 minutes to start)
	Unclick "Record" wait about 1 minute
	Hit "Record" in Cheetah for post—maze pedestal phase (5 minutes to start)
	Unclick "Record"
Clean up	
	In Cheetah, unclick ACQ to end the acquisition. Close Cheetah.
	Close MATLAB.
	Return the rat to its homecage and back to the vivarium. Feed the rat and note amount in the
	appropriate binder.
	Move today's output from the Daily folder to the data folder generated by Neuralynx (*_tmaze.png,
	*_tmaze.txt, *_notes.txt)
	Rename Events.nev to YYYY-MM-DD_Events.nev
	Rename data folder to $R\#\#\#_YYYY-MM-DD_$ behavior and move to the experience folder
	Save the data folder to a USB
	Clean the maze and barriers with Clidox
	Turn off the white noise machine
	Turn off the lights, black interface box, Neuralynx and computer
	Put the data on the server