To do for the publication: Figures

Garthe 2014

All points should have black outline with white in the middle

Late is good as is.

xMake sure Sham is always to the left when comparing to OVX. Controls always go to the left.

Overlay the SEMs on the boxplots – for the tests.

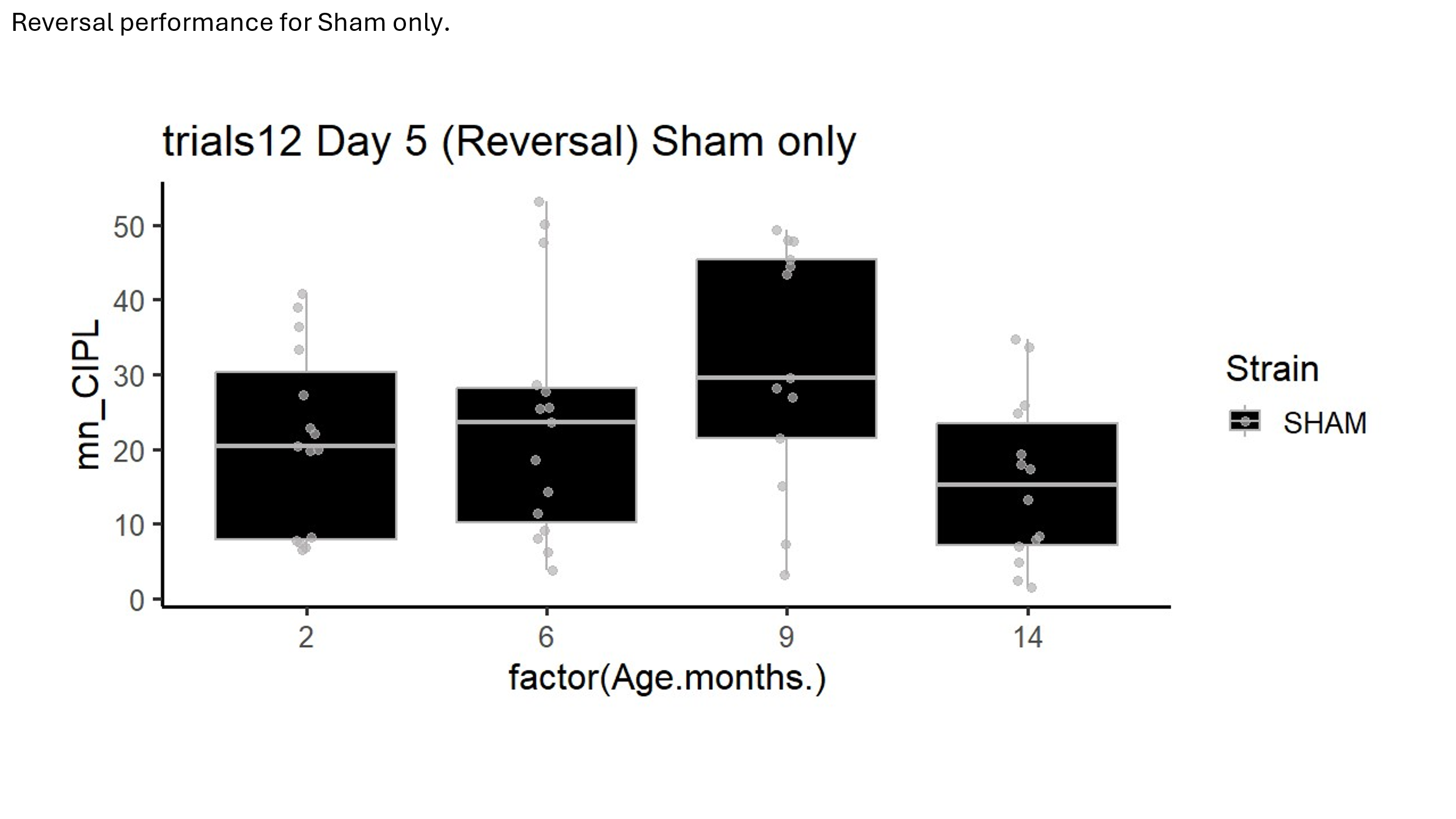
Change SHAM to INTACT

Look at the crossings for the probe trials.

NEED Heat plots

FIGURE 1

One graph of ONLY age for the wild type. ? Which Trials (1 and 2 averaged?) Seems like it should be



Two figures, one for just day 5 showing age on the x and just for INTACT. CIPL and proportion of time in quadrant.

FIGURE 2. The figure that was in Figure 6 of the poster is fine.,

A screenshot of a graph

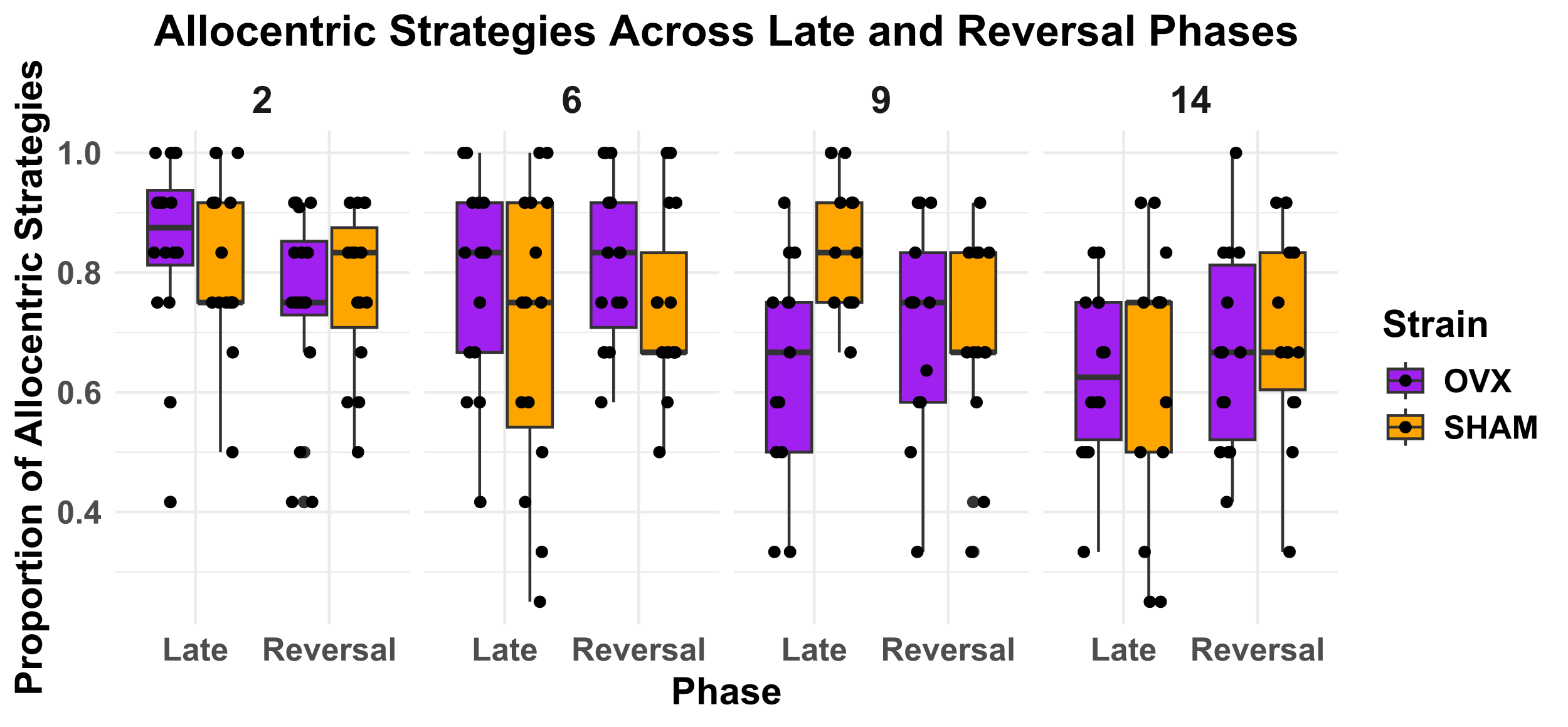
Description automatically generated

FIGURE 3. Compare the Sham and OVX (don’t bother with the Escape Strategies).

A graph of different sizes and colors

AI-generated content may be incorrect.

Color scheme. Black for control and maroon for OVX.



We can repeat – this is the same information. The above lumps all of the Allocentric together, and that is fine.

Redo all figures but for the REVERSAL only, just look at day 5, not lump together days 5,6

Double checked- animals that timed out were set to 60 seconds. Confirmed.

PROBE

FIGURE 4

Probe trial data? Might be missing 2mo, but we may indeed have it for other groups.

Figure: start with the heat map – for just 2 individual – one for the OVX and one for sham on the reversal.

To assess first though lets generate these heat maps for ALL age groups. In the end we my just choose a subset for plotting.

Test if they are hovering where they recall the platform being. Can we get

Time spent in quadrant just on the probe trials – and just after day 6 as that is when the probe trial is given – this tells us how long the reversal is maintained and sustained after. - Proportional time in quadrant or number of times the platform was crossed – but with some control – the heatmaps really tell this – so that would be

1. Proportion of time in target quadrant
2. Something like the number of times the virtual platform was crossed. (see Garthe 2014 paper (fig below for idea) paper that has this information)

See A collage of diagrams and graphs

Description automatically generated

An example Tif is attached.

According to Prism GraphPad the color info is:

Hue 221

Sat 228

Lum 77

Red 159

Green 4

Blue 77

A graph showing a number of levels

Description automatically generated with medium confidence

Let me know if there’s a different way I can extract color info for you?

Best,

Mandi