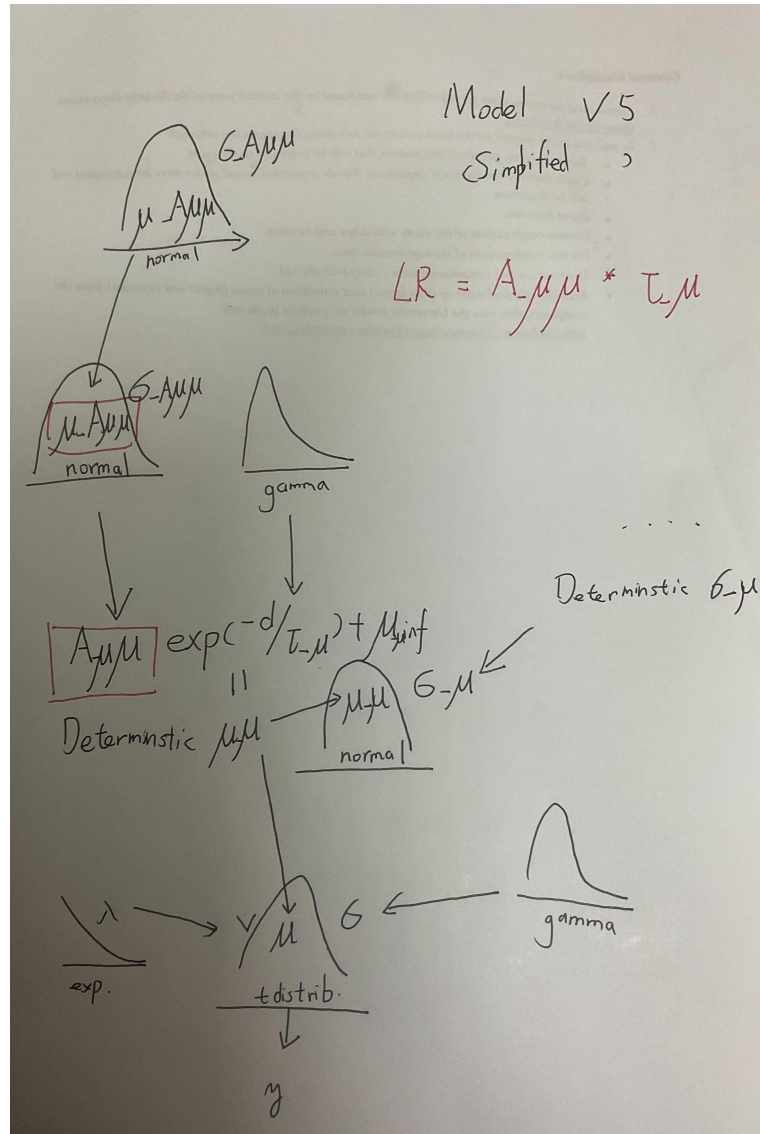


FOV model report

8_5_2024

Model V5 simplified structure

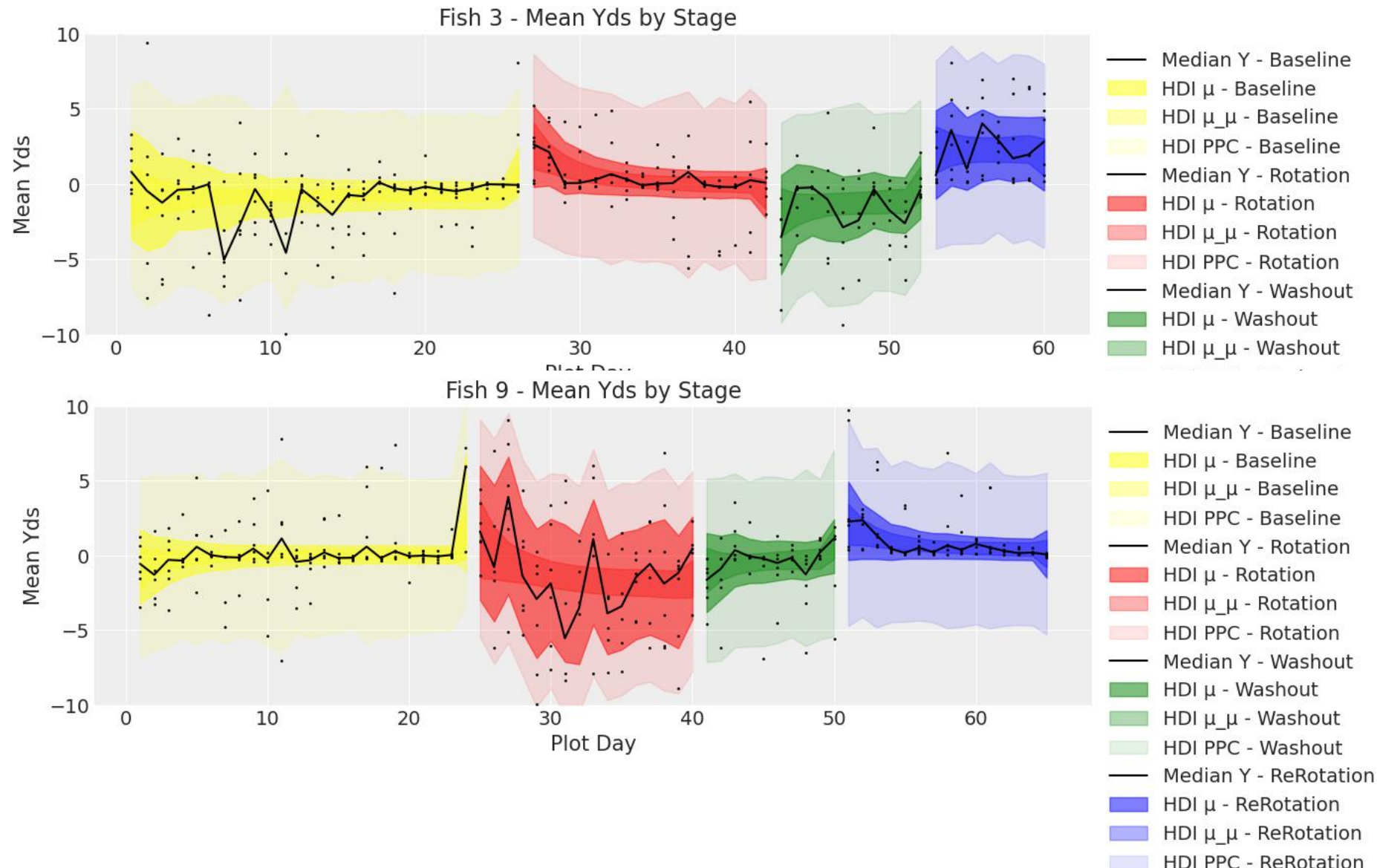


Plots we care about:

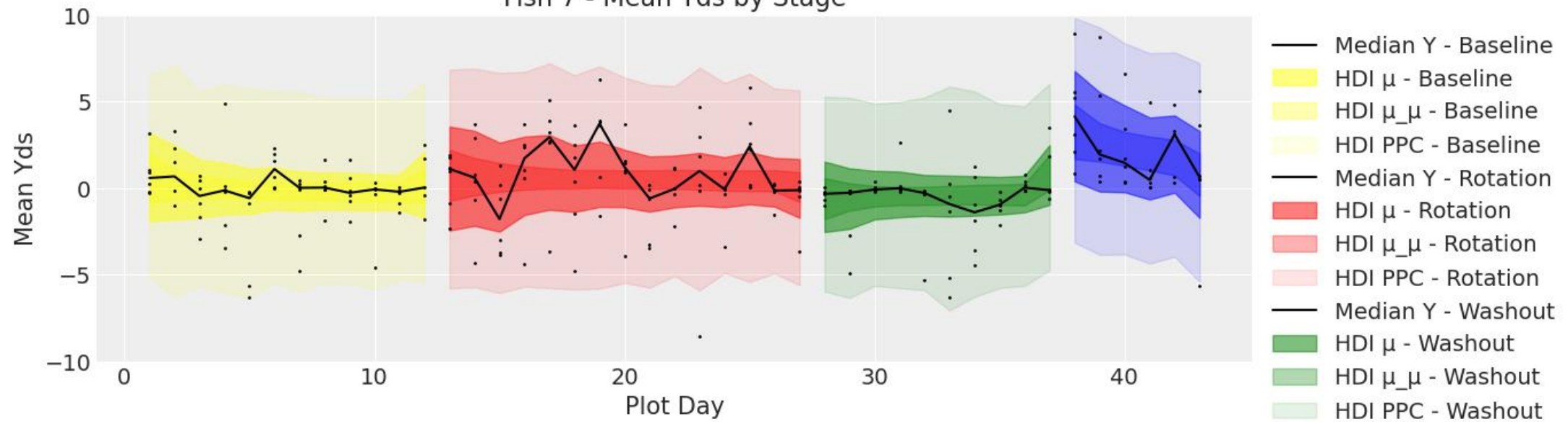
1. Learning curve for each fish in each stage
2. Violin plot of $A_{\mu\mu}$ across fish for Rotation stage
3. Violin plot of Learning Rate across fish for Rotation stage
4. Posterior plots of $\mu_{A_{\mu\mu}}$ across fish for Rotation stage
5. Posterior plots of

$$\sigma_{LR} = \frac{1}{N_f} \sum_1^{N_f} (LR - \overline{LR})^2$$

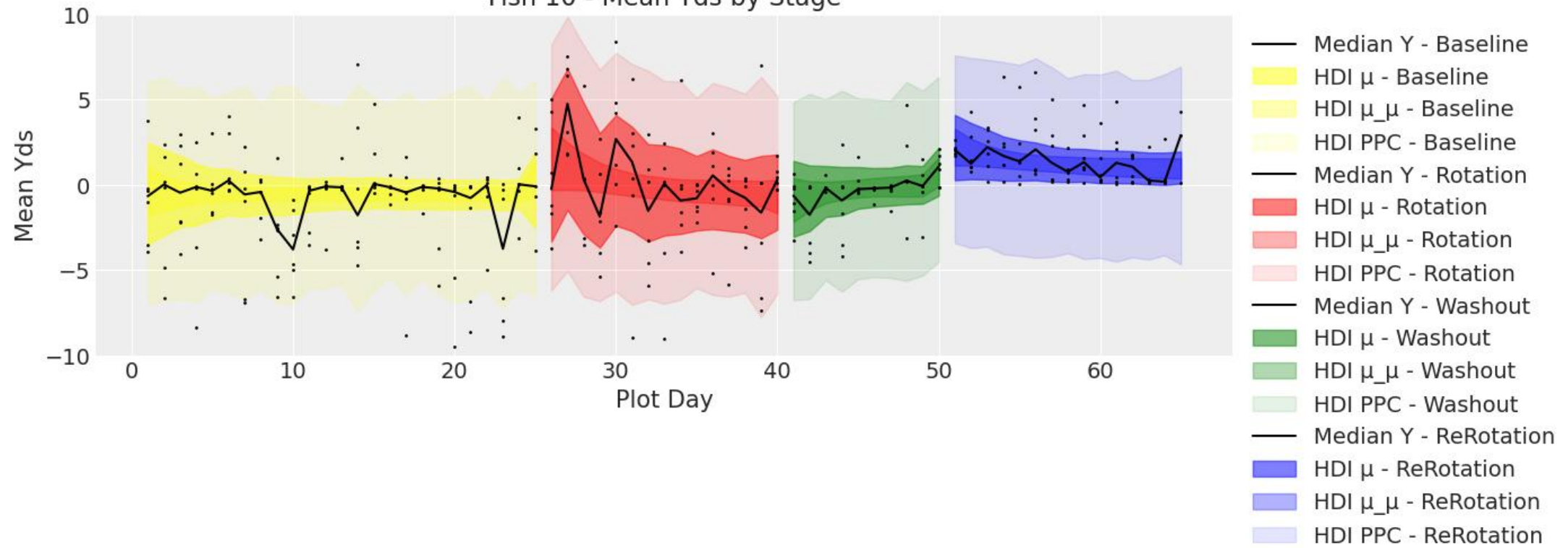
1. Learning cruve for each fish in each stage



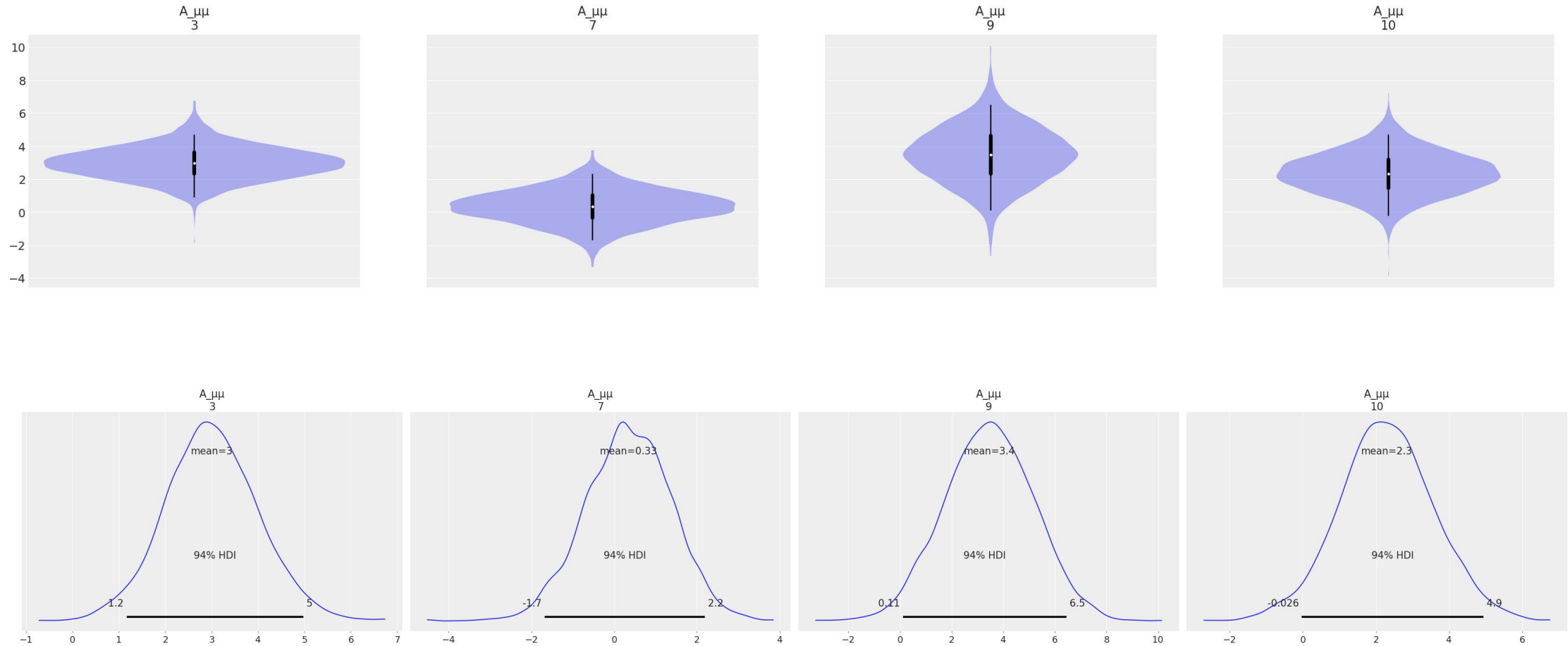
Fish 7 - Mean Yds by Stage



Fish 10 - Mean Yds by Stage

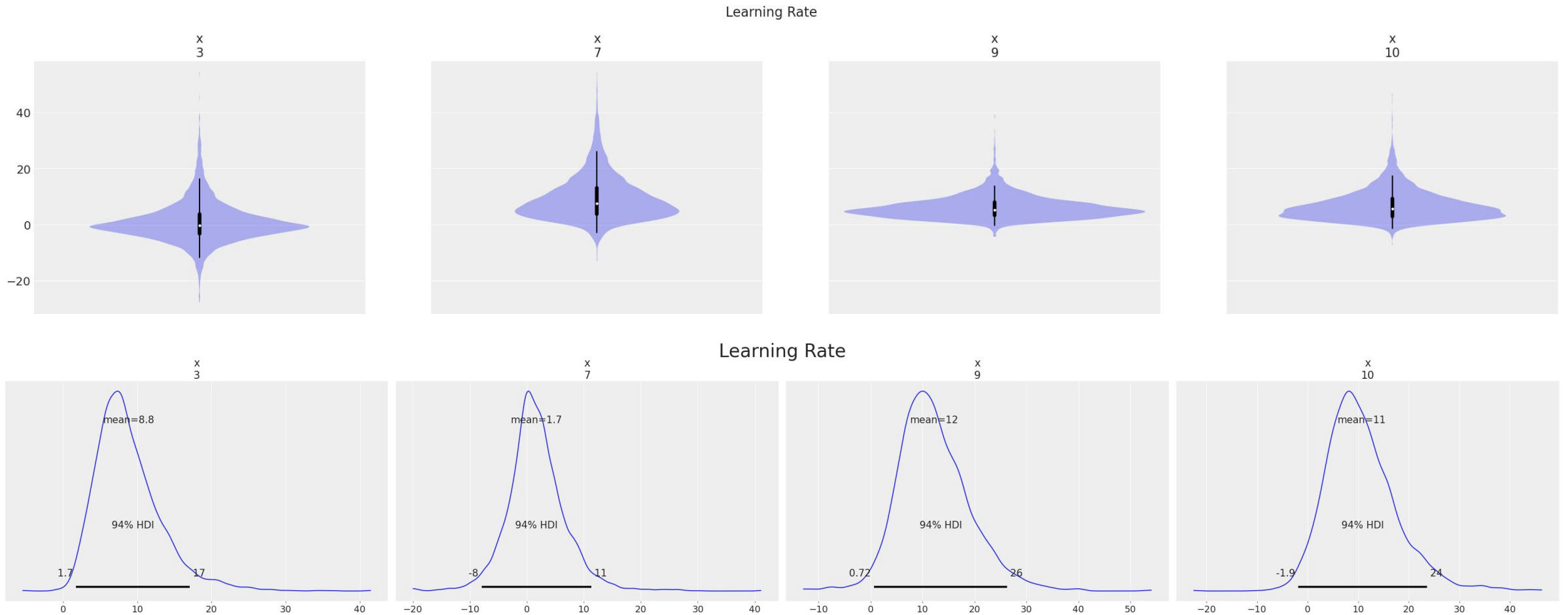


2. Violin plot of $A_{\mu\mu}$ arccos fish for Rotation stage

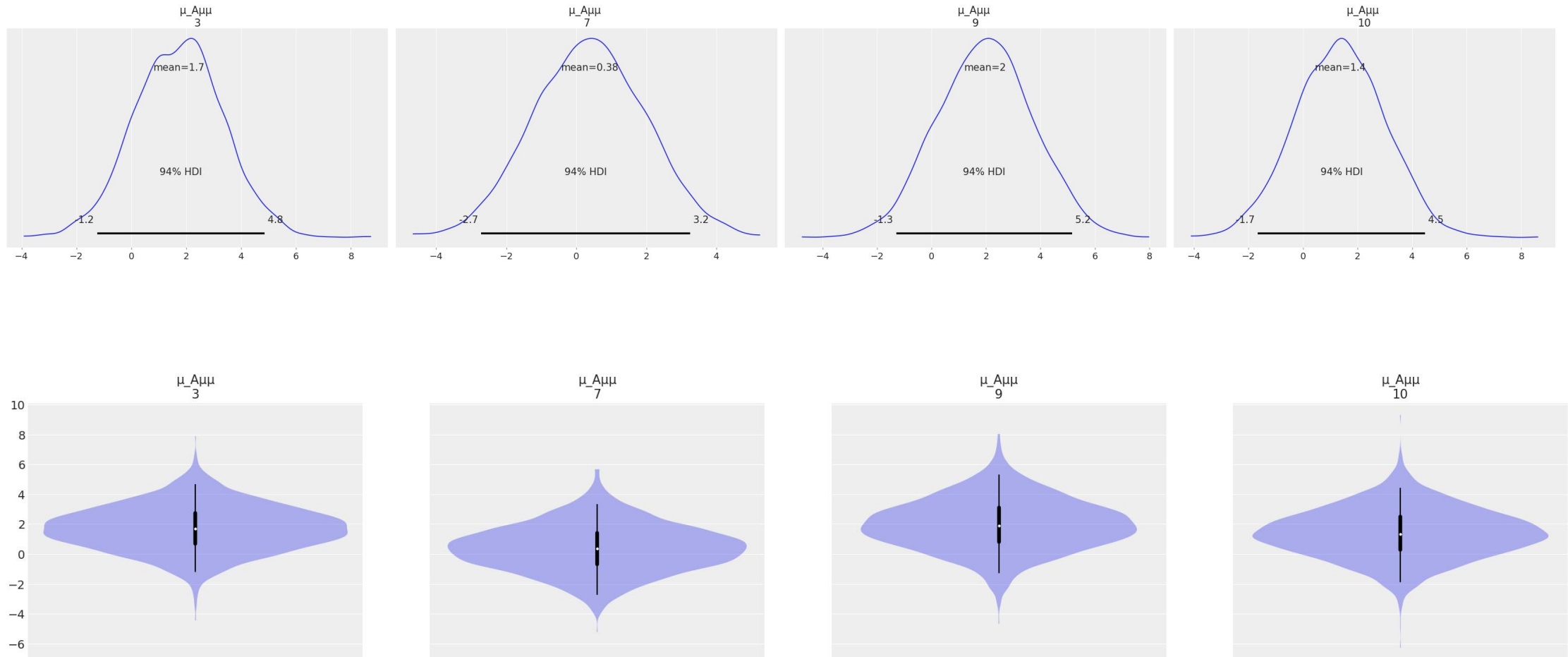


3. Violin plot of Learning Rate arccos fish for Rotation stage

$$\text{LR} = \text{posterior.A}_{\mu\mu} * \text{posterior.}\tau_{\mu}$$



4. Posterior plots of $\mu_{A\mu\mu}$ across fish for Rotation stage



5. Posterior plots of

$$\sigma_{LR} = \frac{1}{N_f} \sum_1^{N_f} (LR - \overline{LR})^2$$

