1. **Background** / research question for aim 3. comparison of meiotic features

2. Integrate sexual dimorphism patterns / Canonical landscape patterns

3.Hypotheses for PWD – KAZ comparison

Hypotheses and models are MLH1 driven (are based on MLH1 patterns)

1. 2 Musc strains with divergent MLH1 counts
2. Male pattern

Some are already established / some not so much

**Data / basics of analyses**

1. Curation step
2. The new data set
3. For creating bins, I need to supplement with manual measures

**Results**

**PWD Longer SC and more 2COs**

1. Total bivalents SC lengths are significantly longer in PWD. This assumes that the sampling of bivalents is similar across PWD and KAZ
2. SC in bins
3. SC lengths by bivalent classes

**Interference**

Stronger interference in KAZ

**Position**

-can’t detect an difference