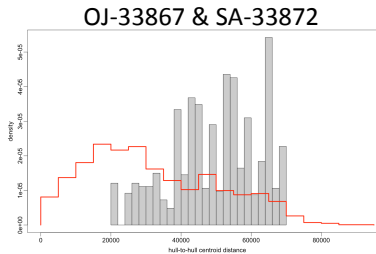
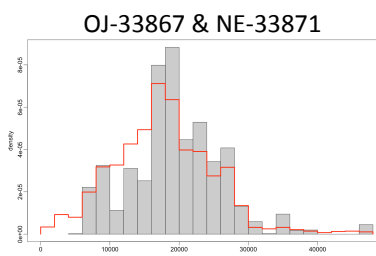
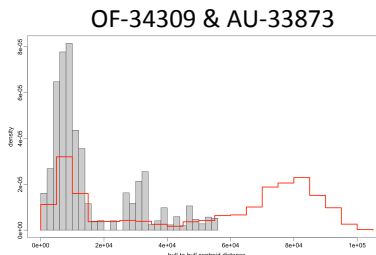
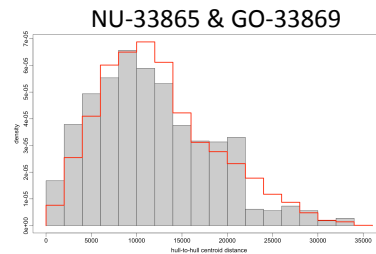
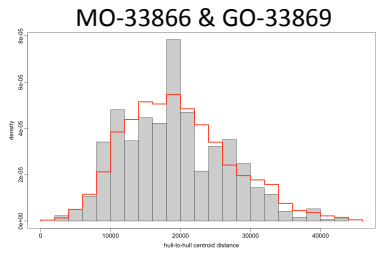
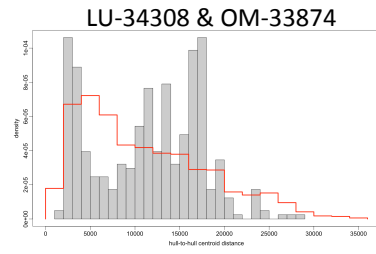
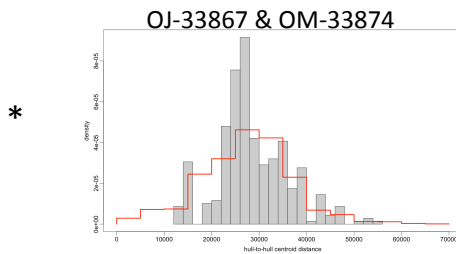
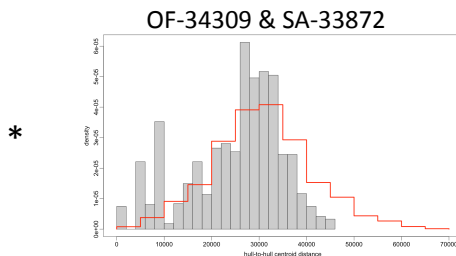
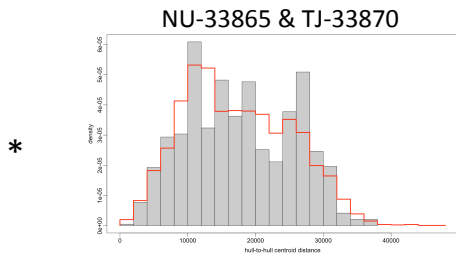
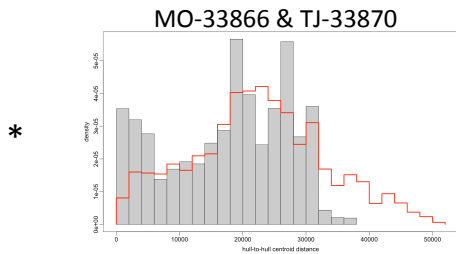
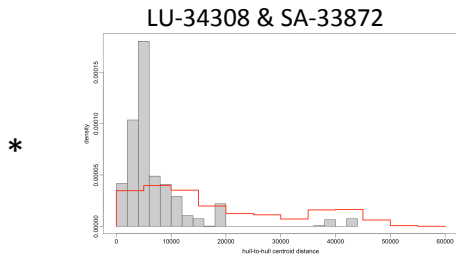
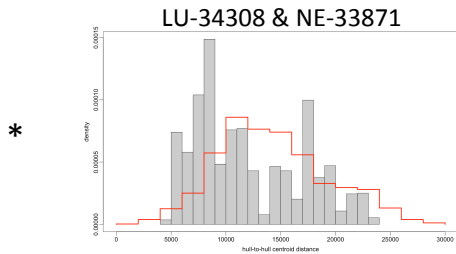
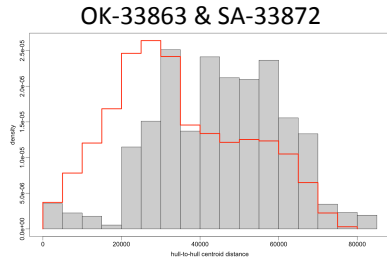


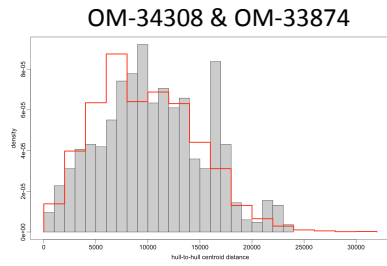
(a) Etosha: Wet season



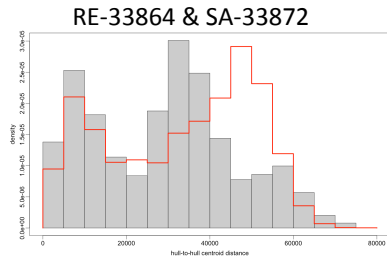
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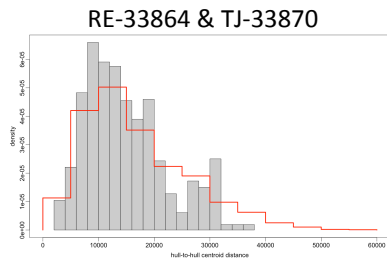
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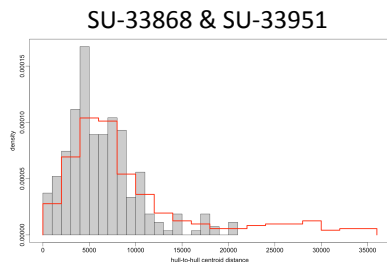
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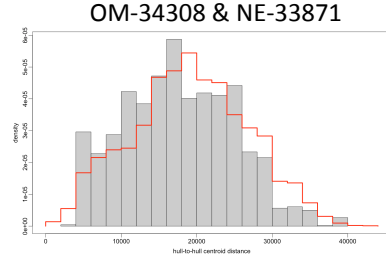
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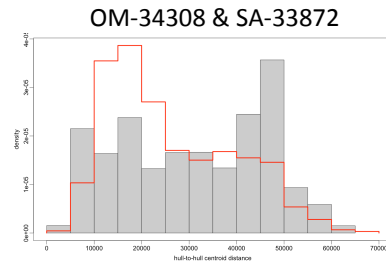
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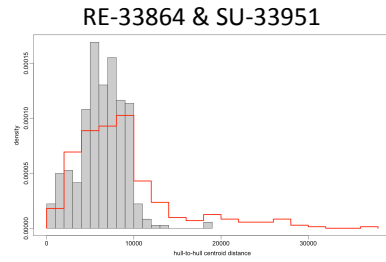
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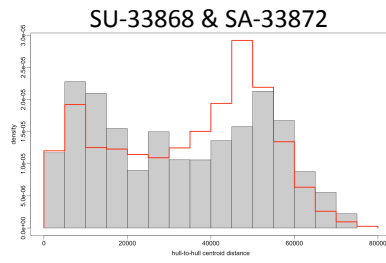
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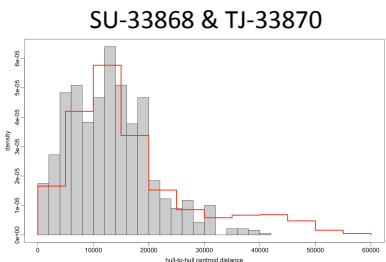
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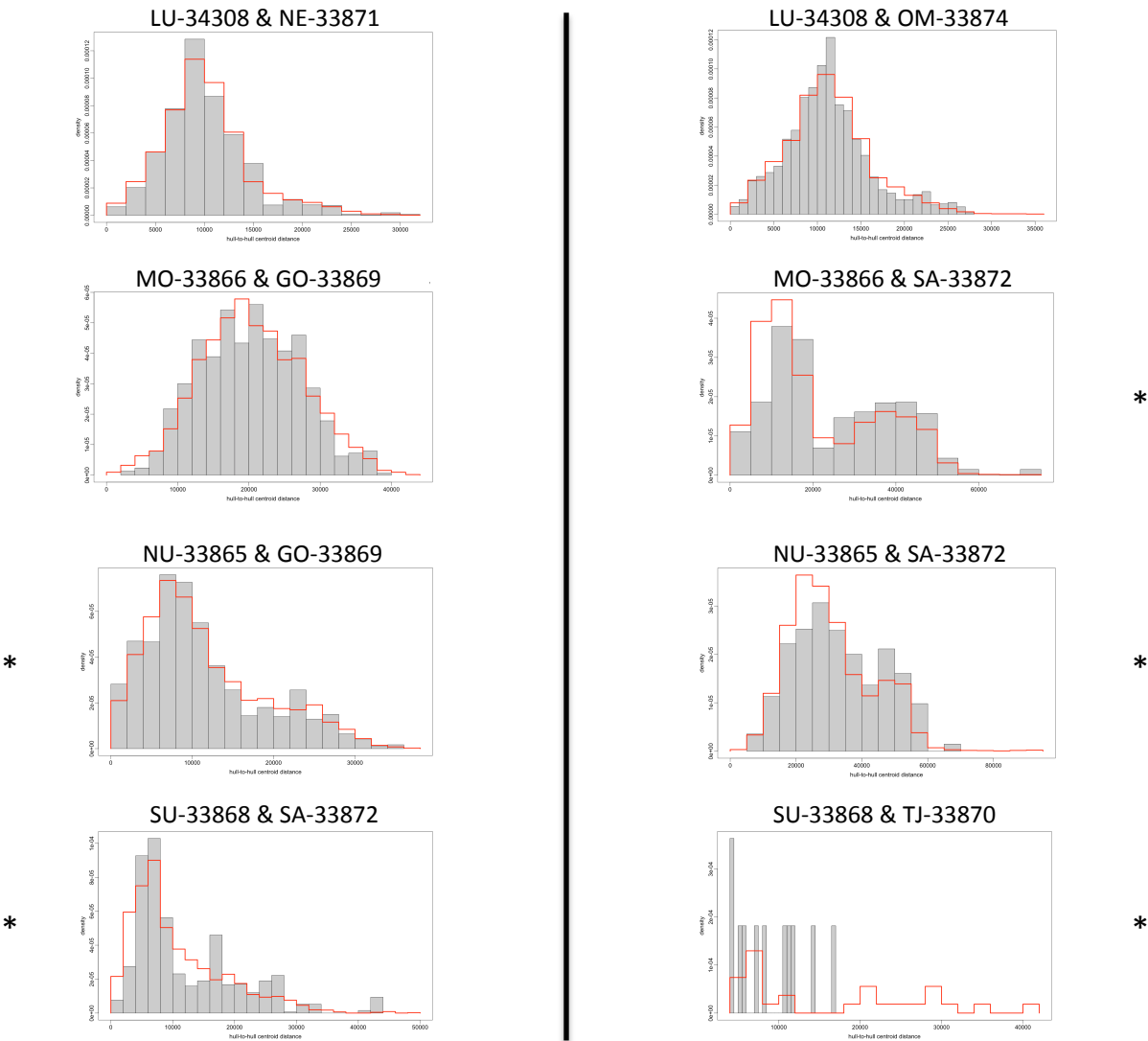
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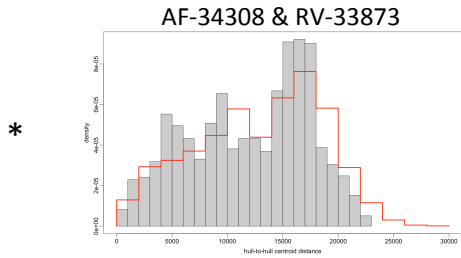
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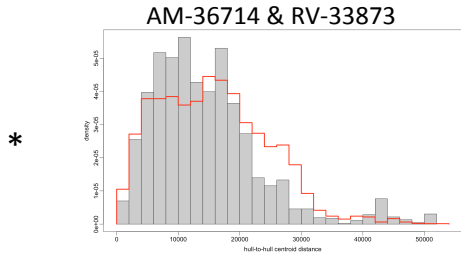
(a) Etosha: Dry season



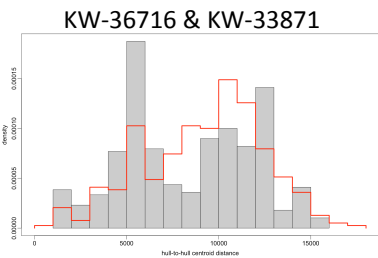
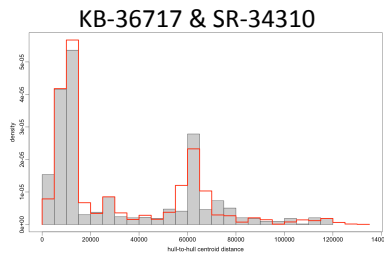
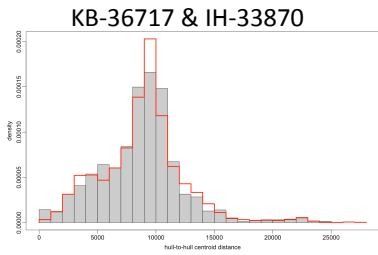
(a) Chobe: Wet season



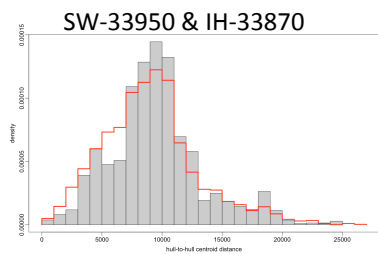
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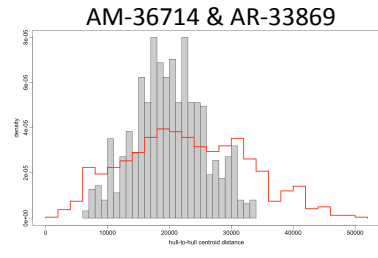
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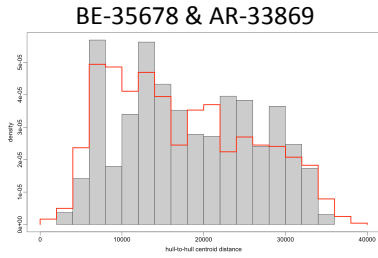
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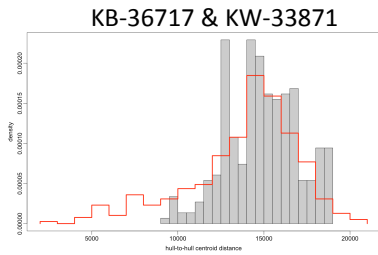
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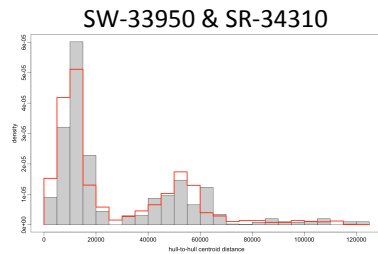
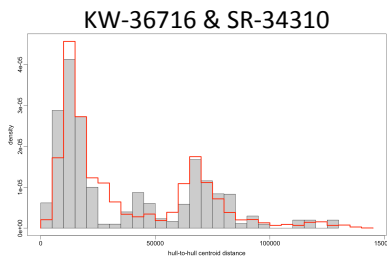
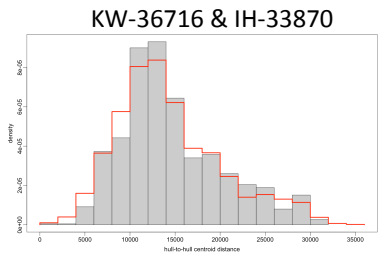
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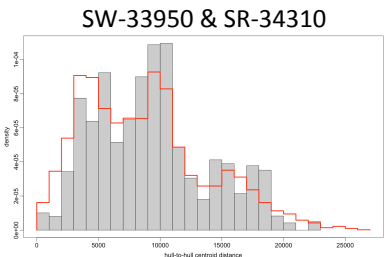
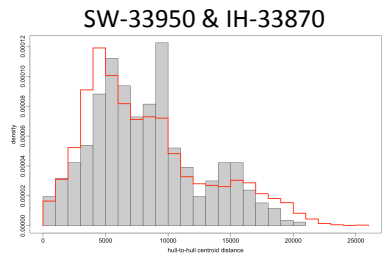
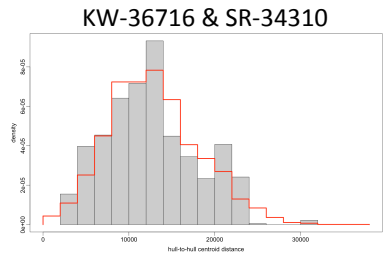
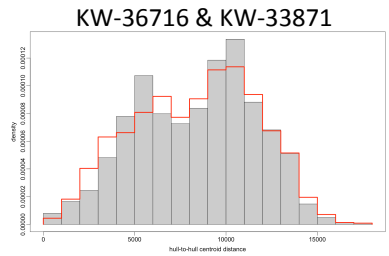
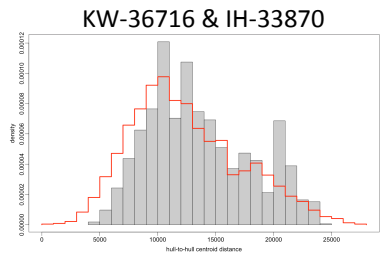
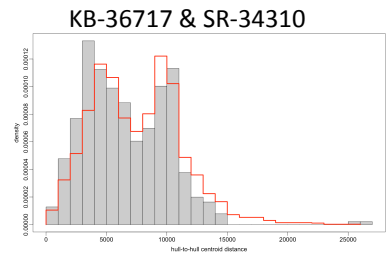
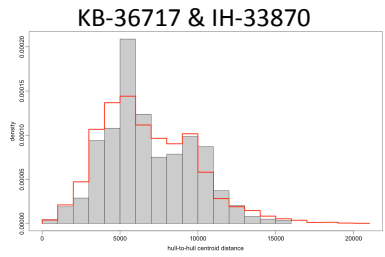
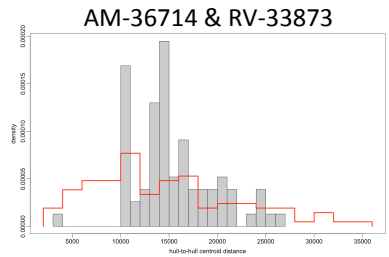


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(a) Chobe: Dry season



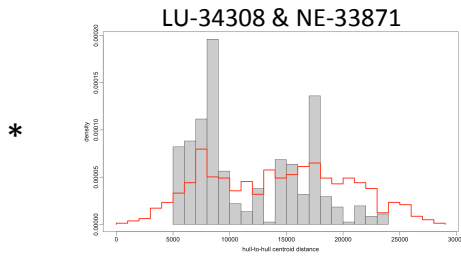
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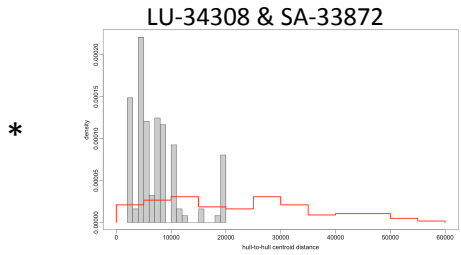
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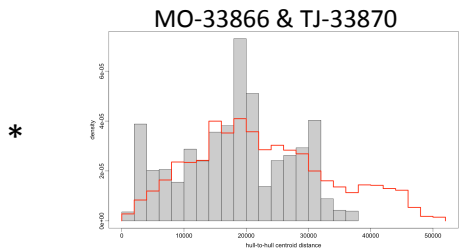
(b) Etosha: Wet season



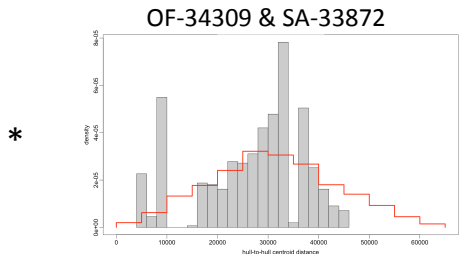
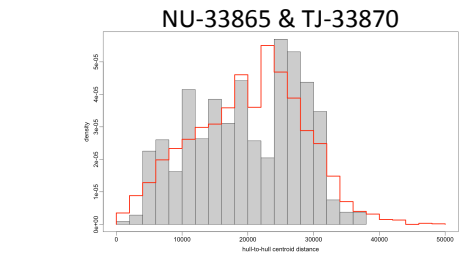
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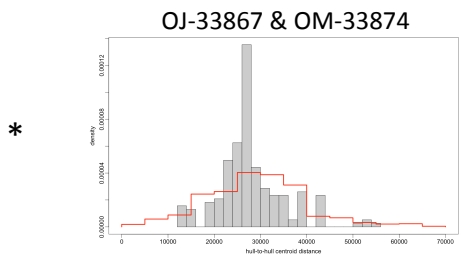
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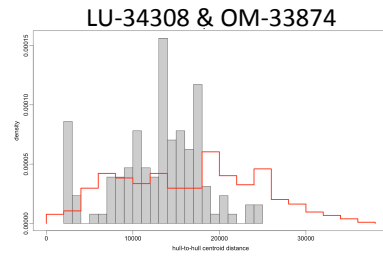
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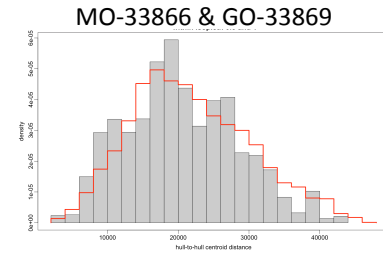
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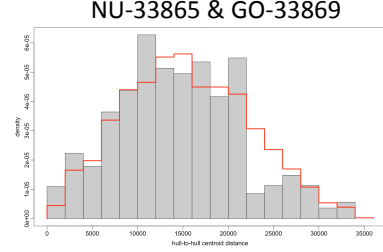
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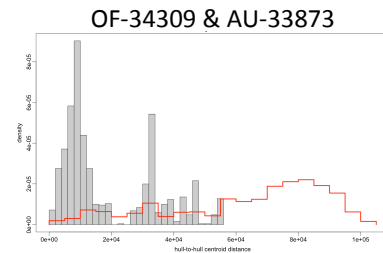
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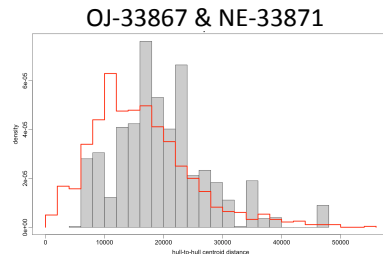
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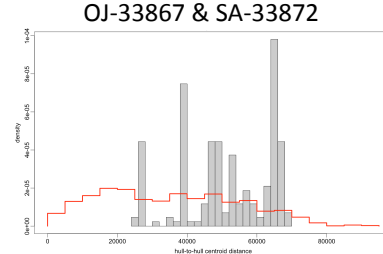
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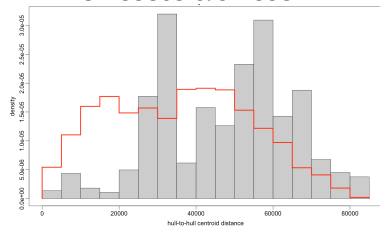
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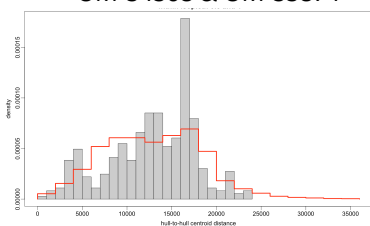
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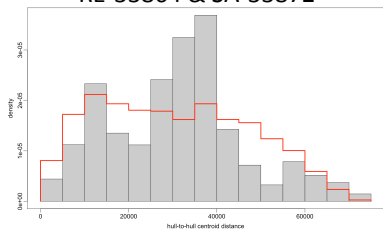
OK-33863 & SA-33872



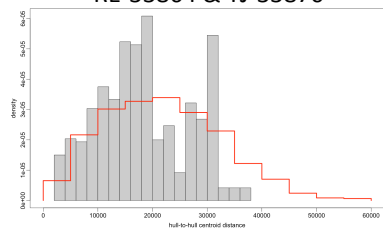
OM-34308 & OM-33874



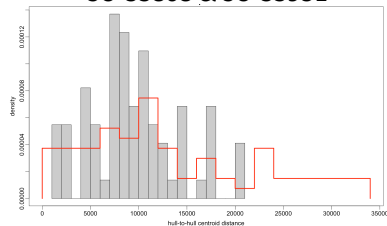
RE-33864 & SA-33872



RE-33864 & TJ-33870

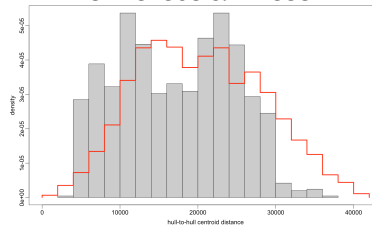


SU-33868 & SU-33951

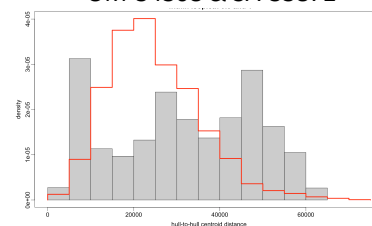


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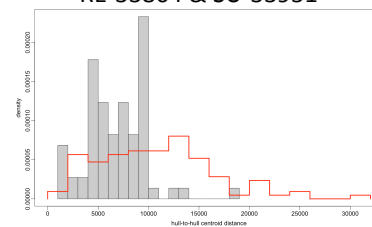
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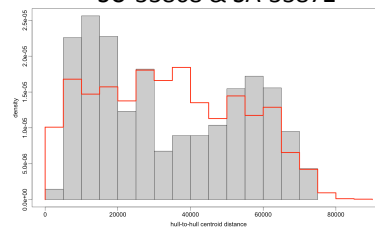
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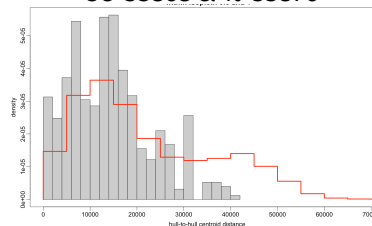
RE-33864 & SU-33951



SU-33868 & SA-33872



SU-33868 & TJ-33870



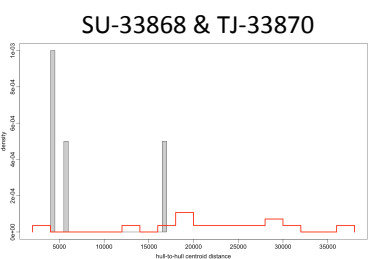
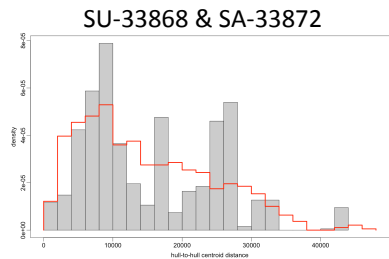
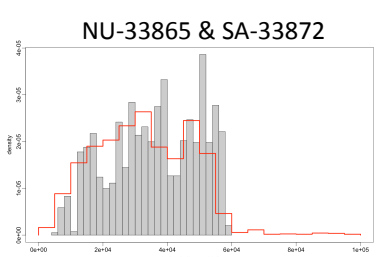
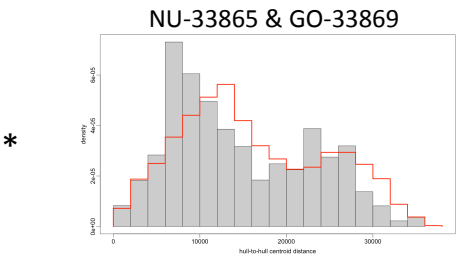
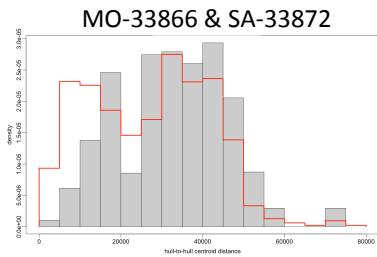
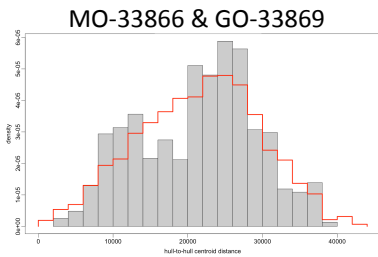
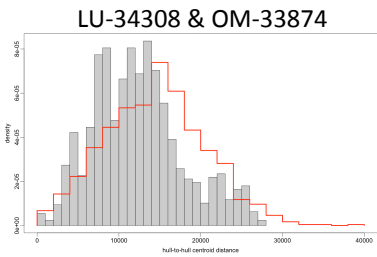
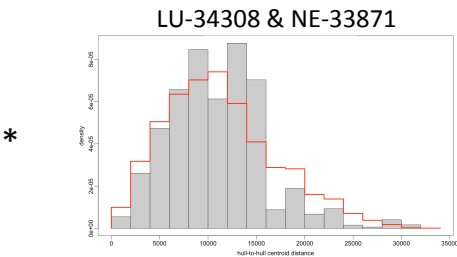
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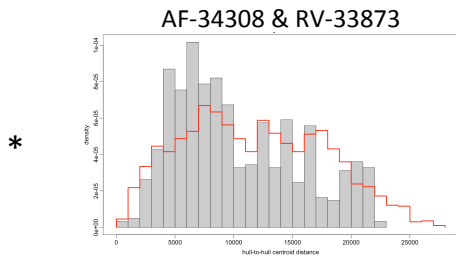
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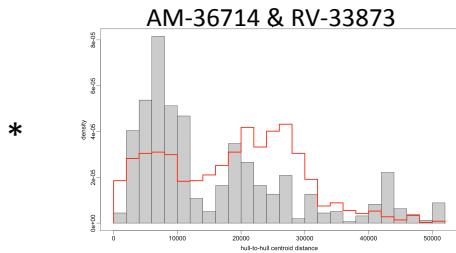
(b) Etosha: Dry season



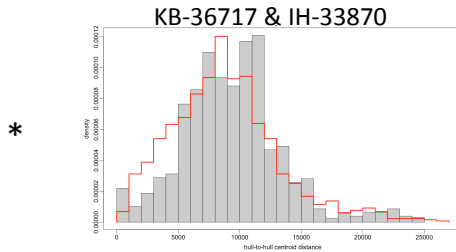
(b) Chobe: Wet season



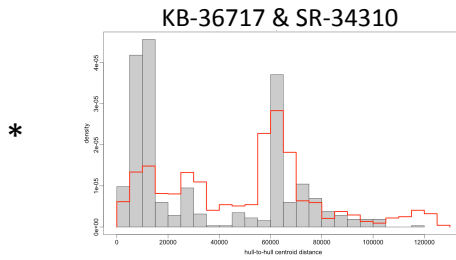
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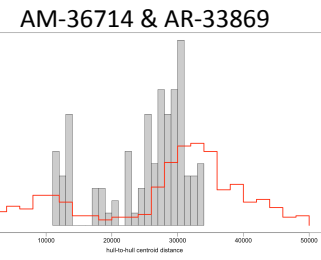
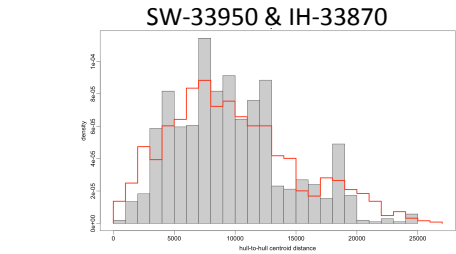
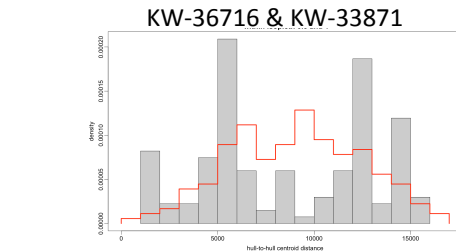
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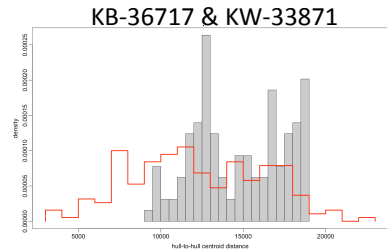
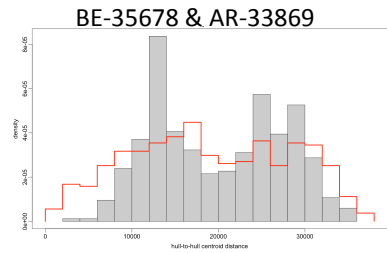
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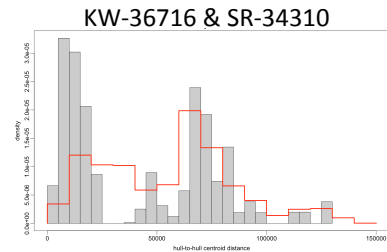
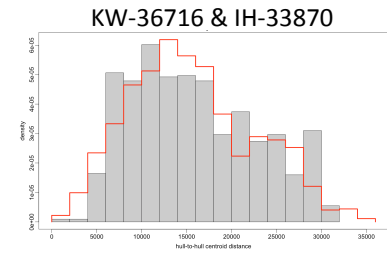
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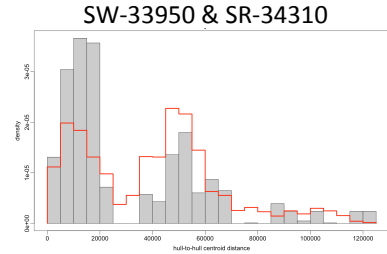
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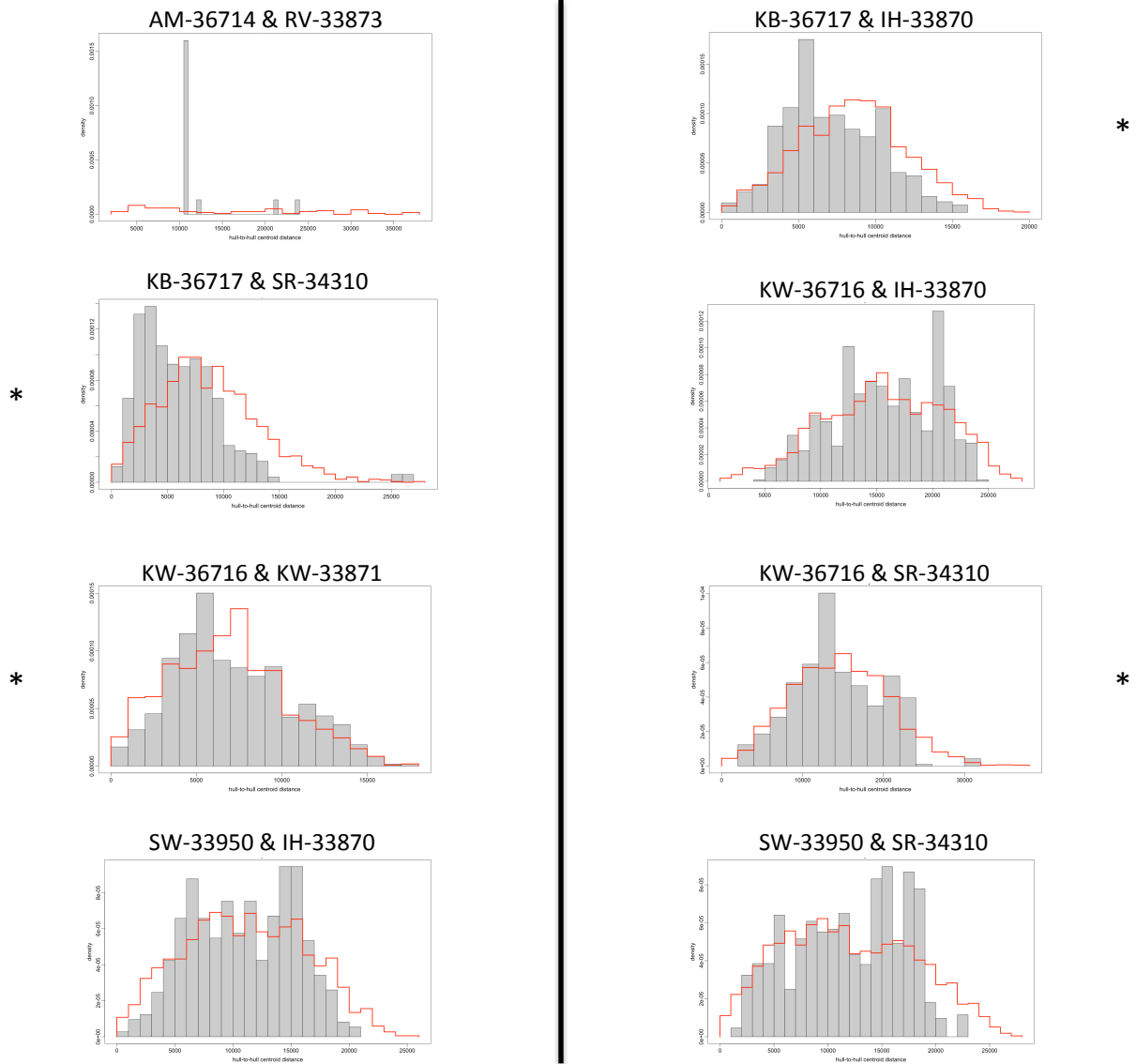


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(b) Chobe: Dry season



Supplementary Appendix 4. Histograms of the pairwise distribution of the mean centroid distances for temporally overlapping hulls in the (a) home range, and (b) core area overlap within lion and spotted hyena dyads. The red line is the histogram envelope from an equivalent number of randomly matched pairs of hulls, and represents the null model of no interaction. An asterisk denotes significance ($p < 0.05$).