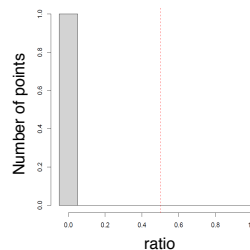
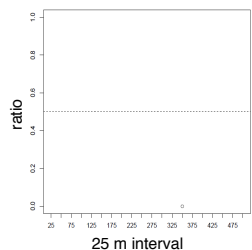
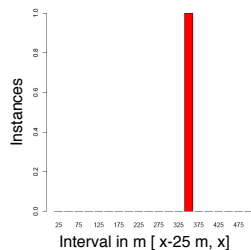
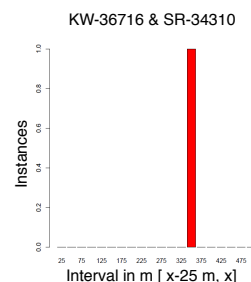
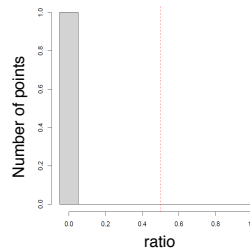
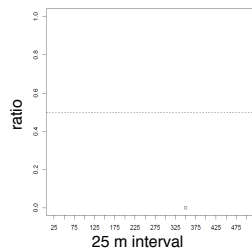
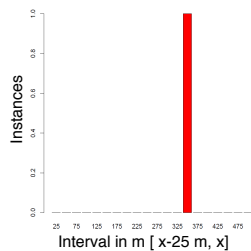
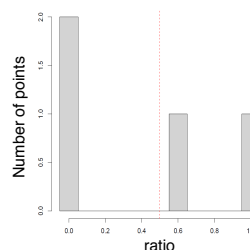
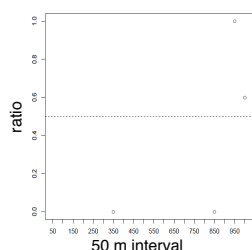
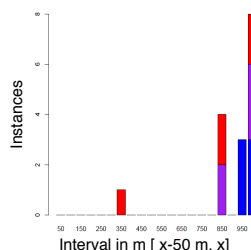
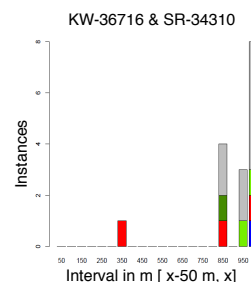
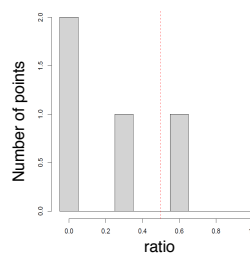
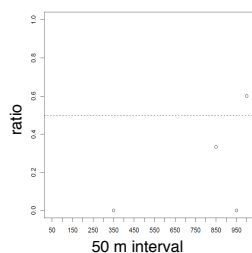
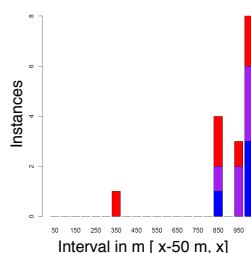


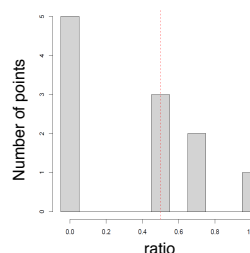
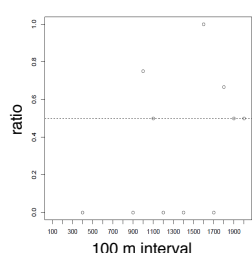
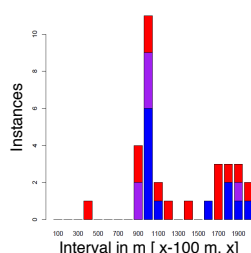
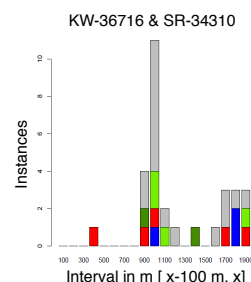
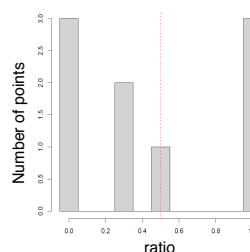
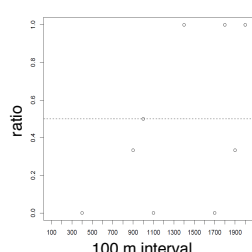
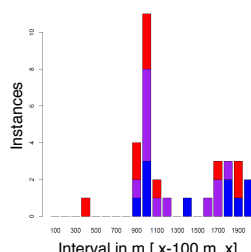
(1.a)



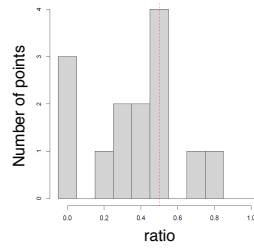
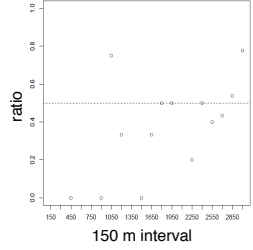
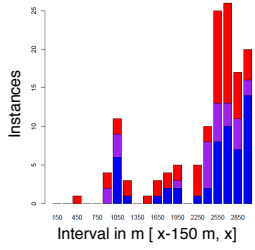
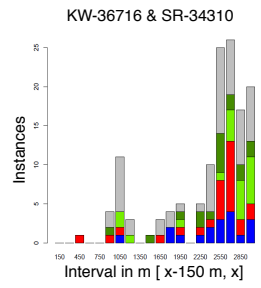
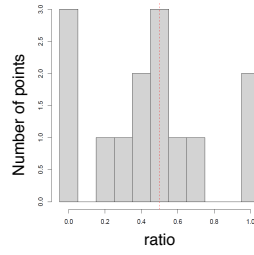
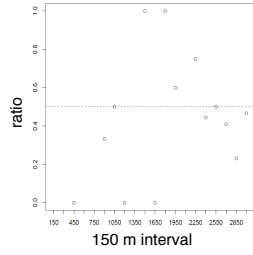
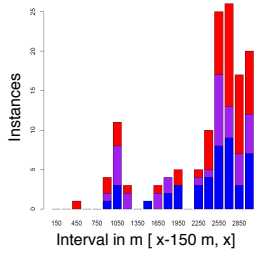
(1.b)



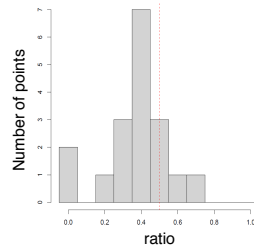
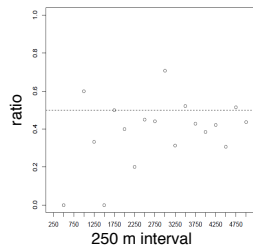
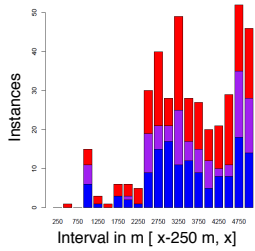
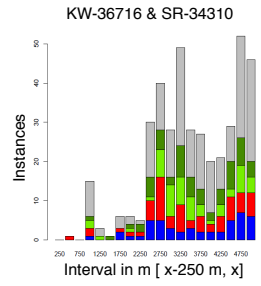
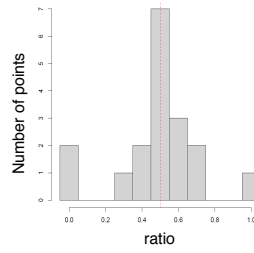
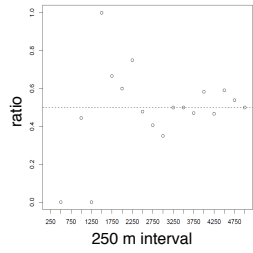
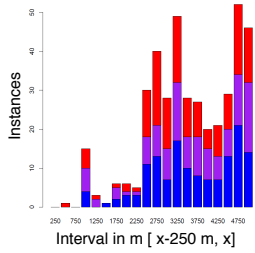
(1.c)



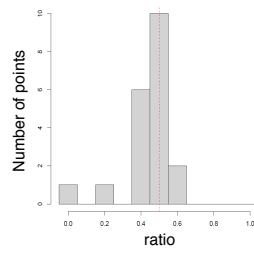
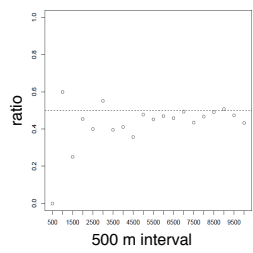
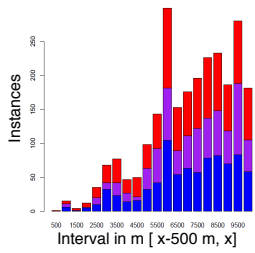
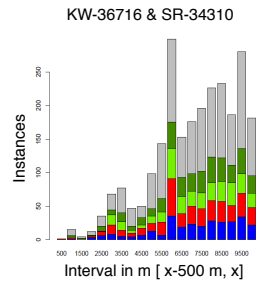
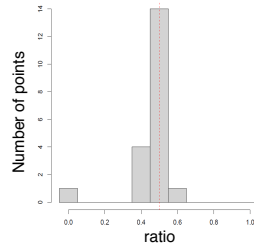
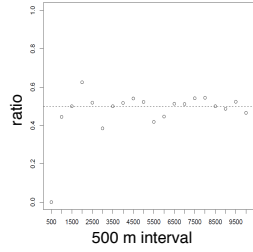
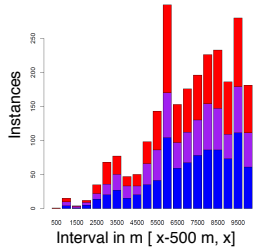
(1.d)



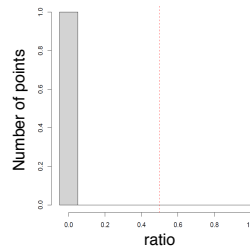
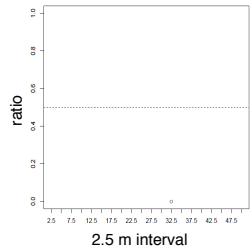
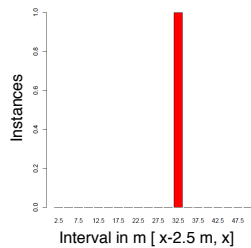
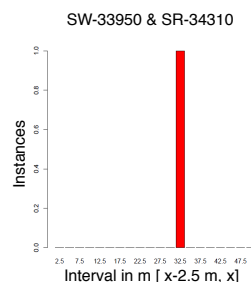
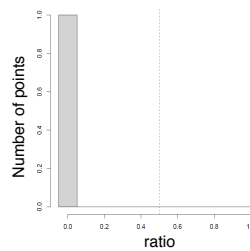
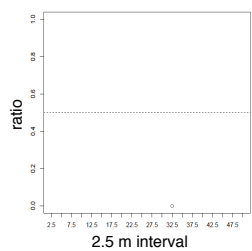
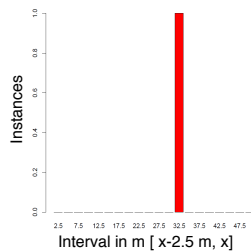
(1.e)



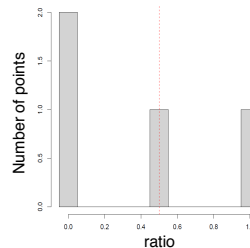
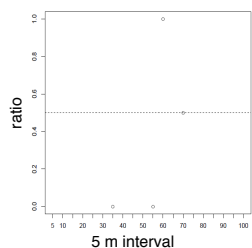
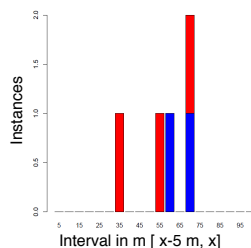
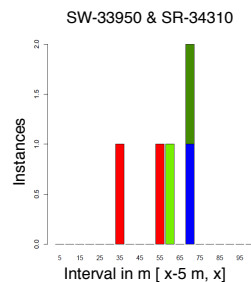
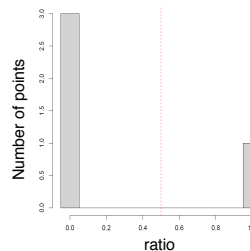
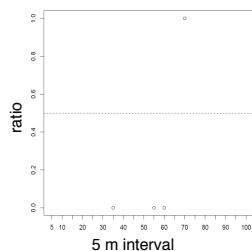
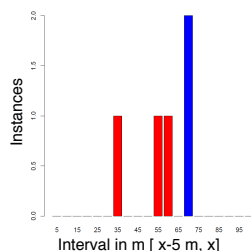
(1.f)



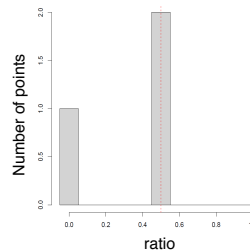
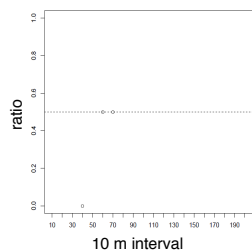
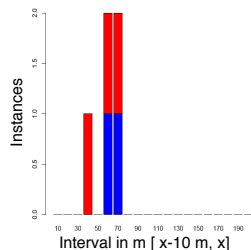
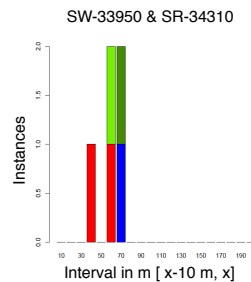
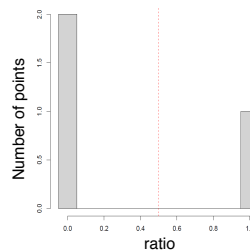
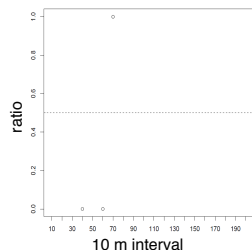
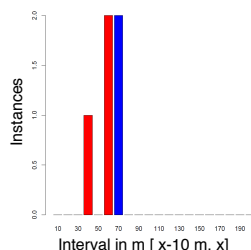
(2.a)



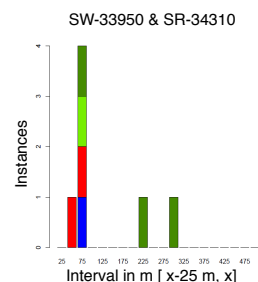
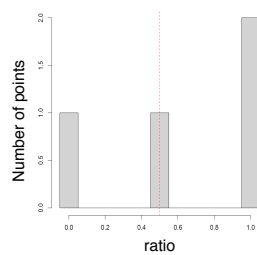
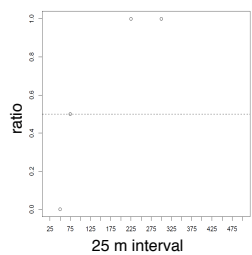
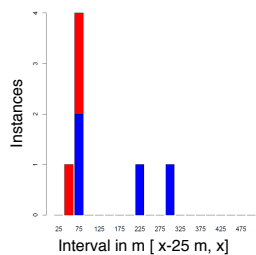
(2.b)



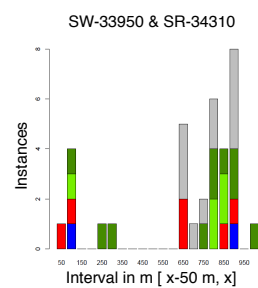
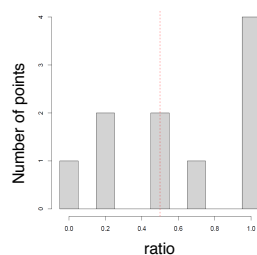
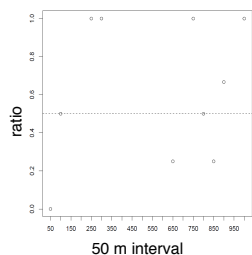
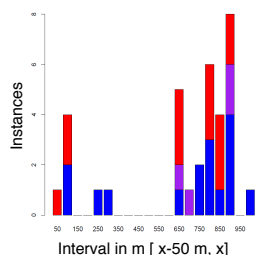
(2.c)



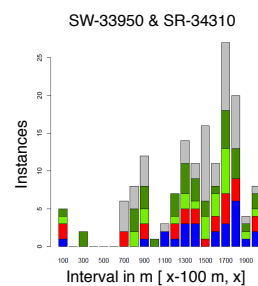
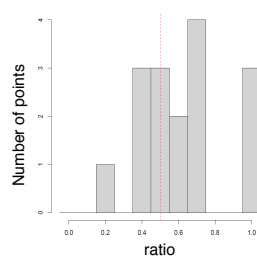
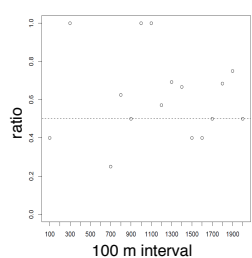
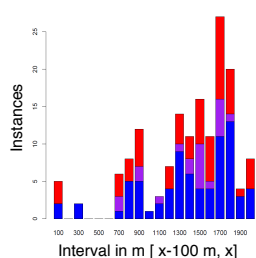
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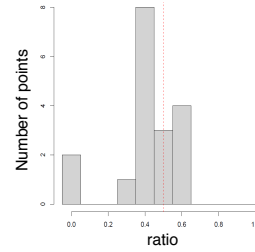
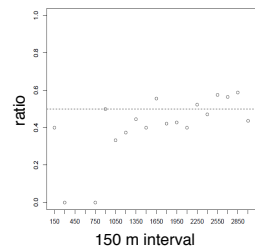
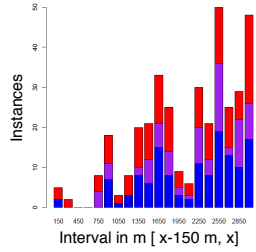
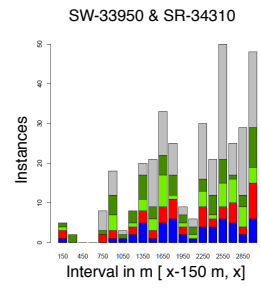
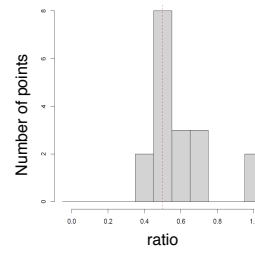
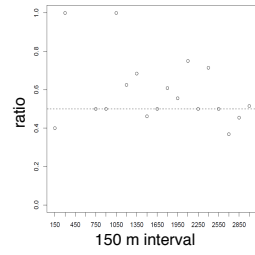
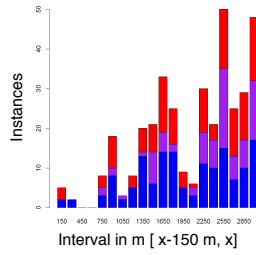
(2.e)



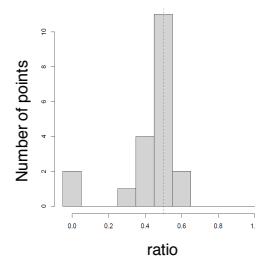
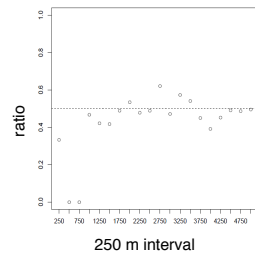
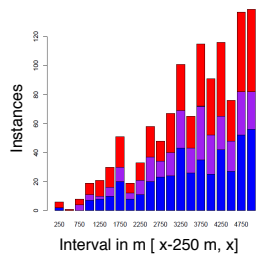
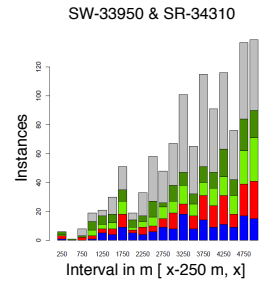
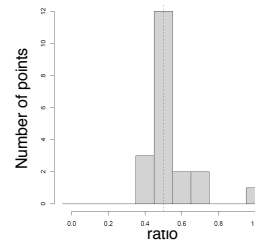
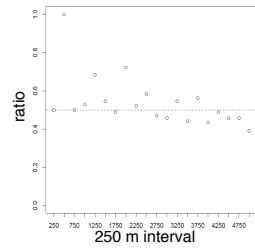
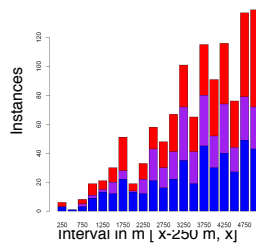
(2.f)



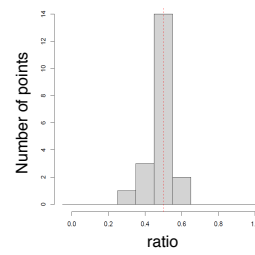
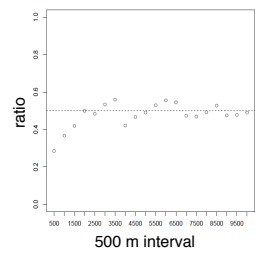
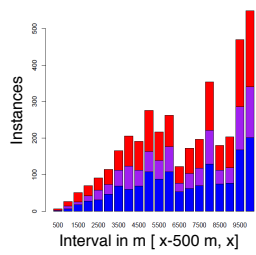
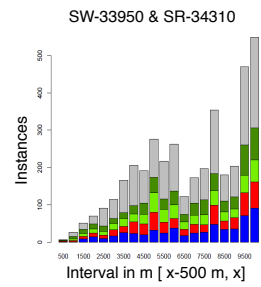
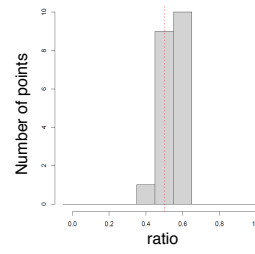
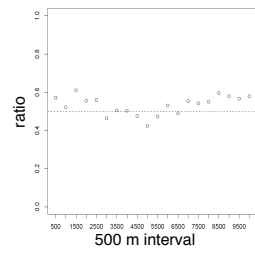
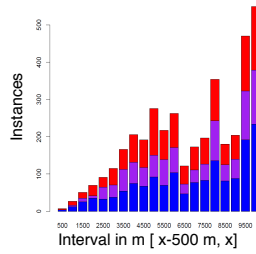
(2.g)



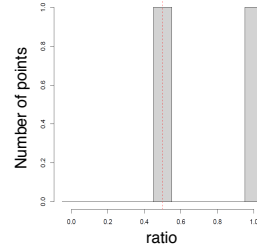
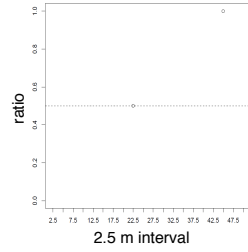
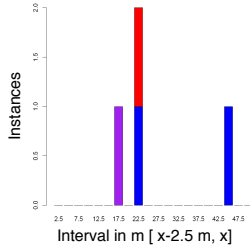
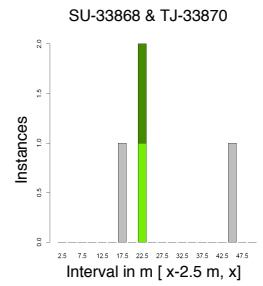
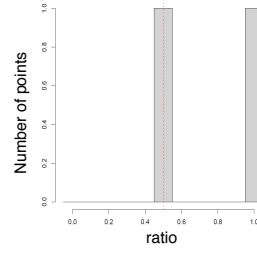
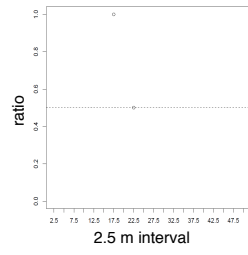
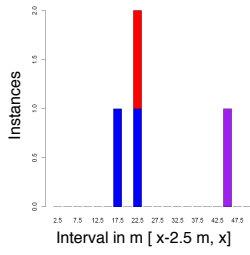
(2.h)



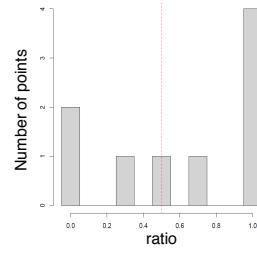
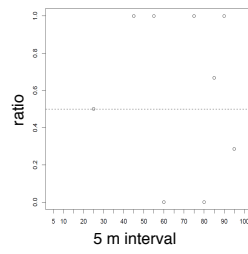
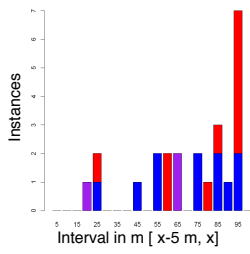
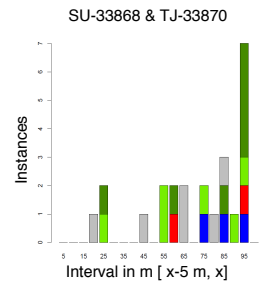
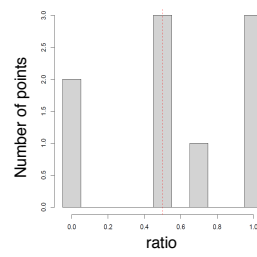
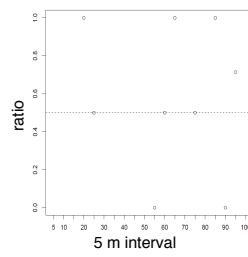
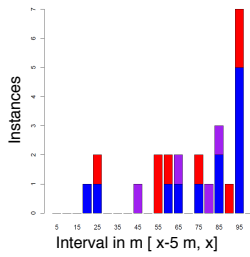
(2.i)



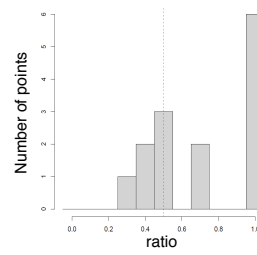
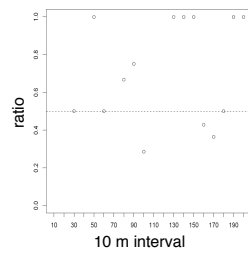
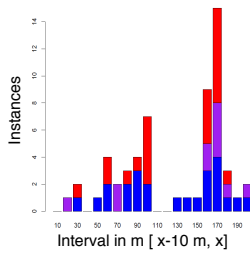
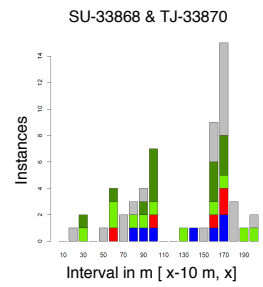
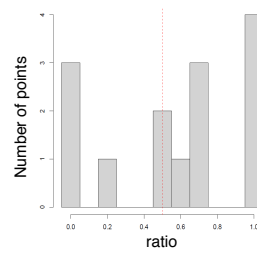
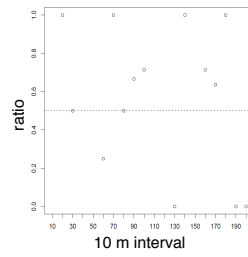
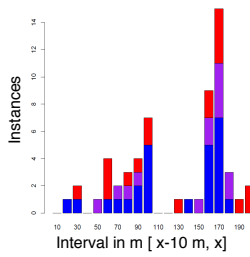
(3.a)



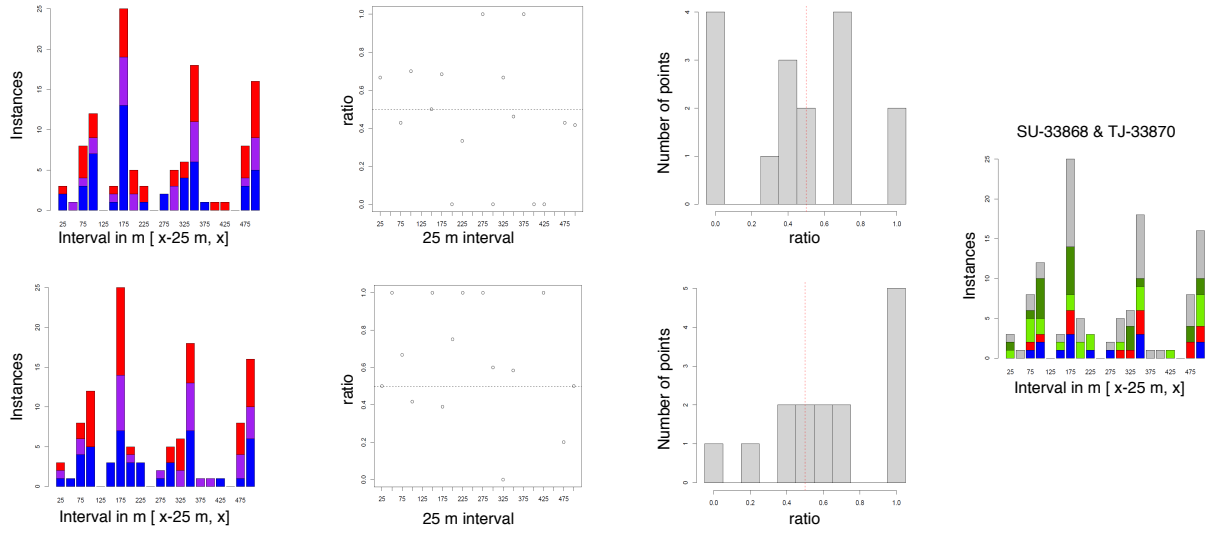
(3.b)



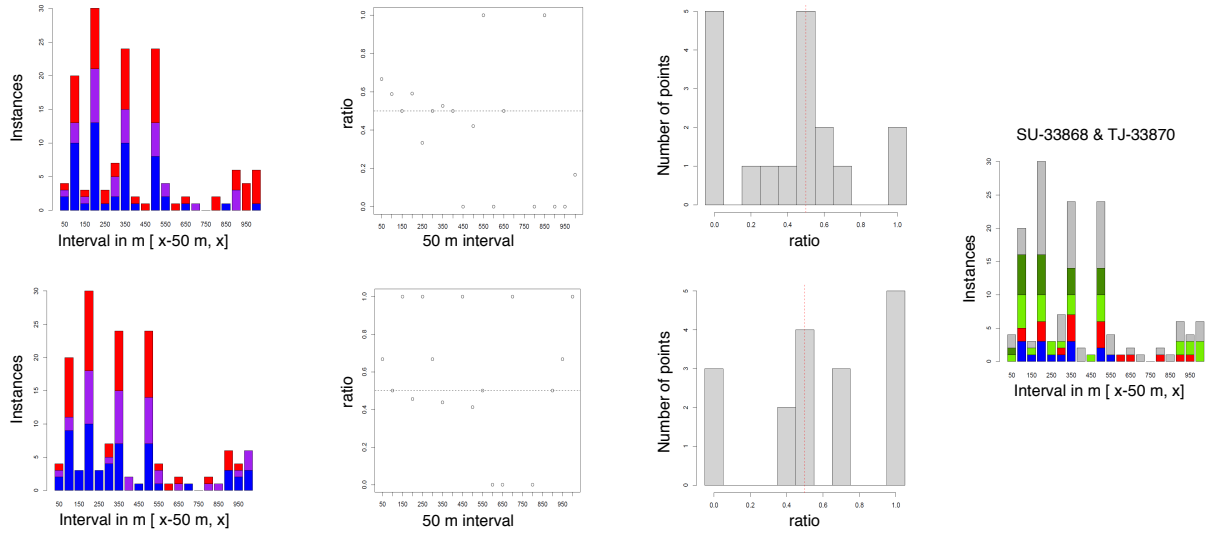
(3.c)



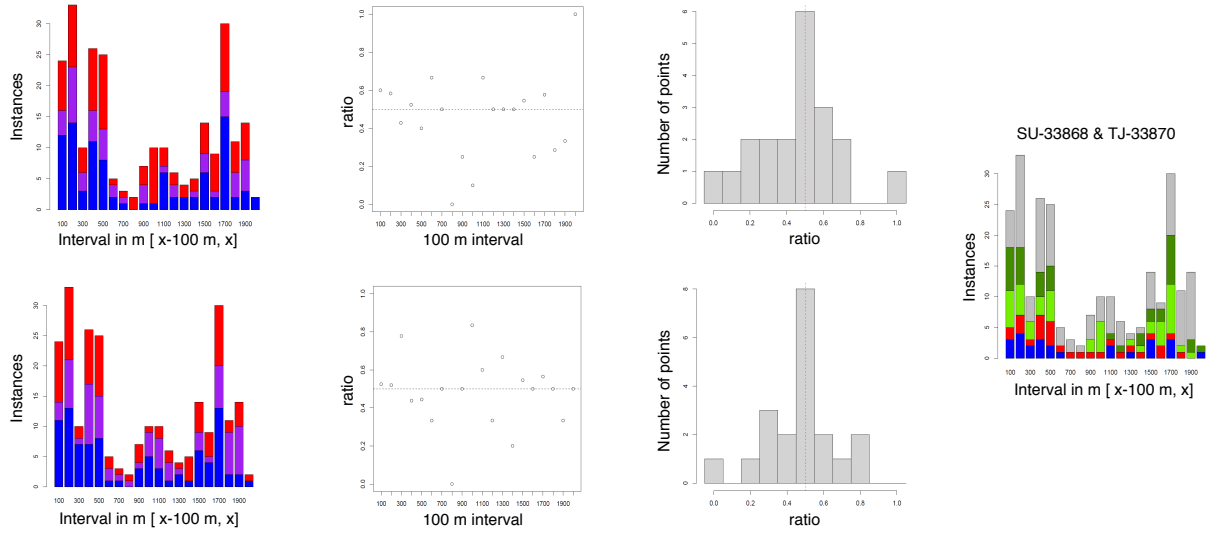
(3.d)



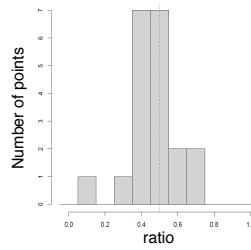
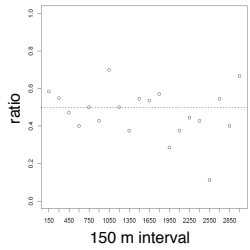
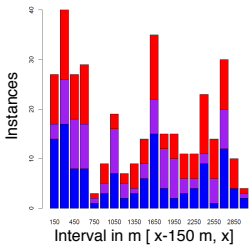
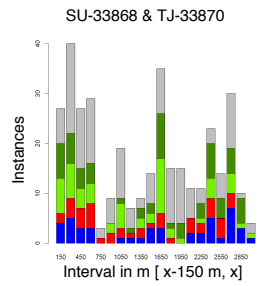
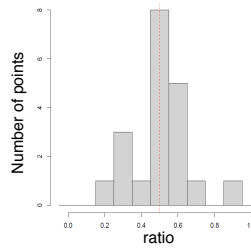
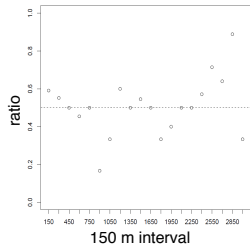
(3.e)



(3.f)



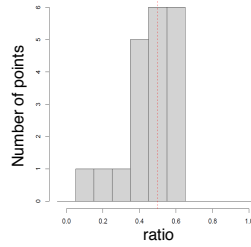
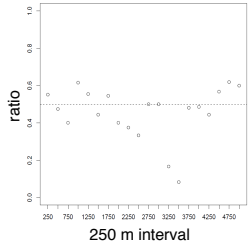
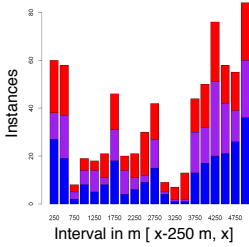
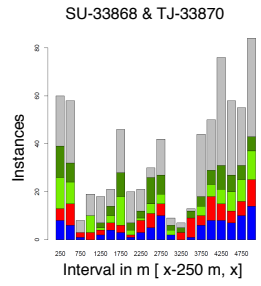
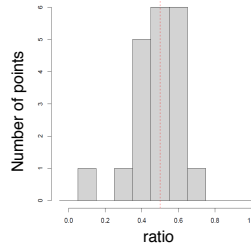
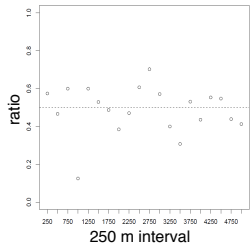
(3.g)



(3.h)

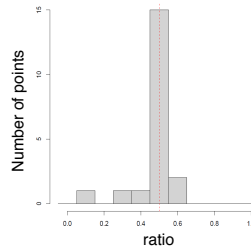
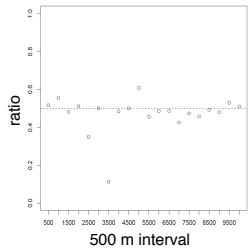
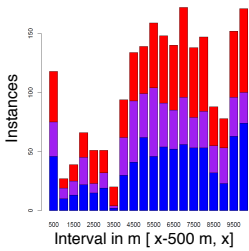
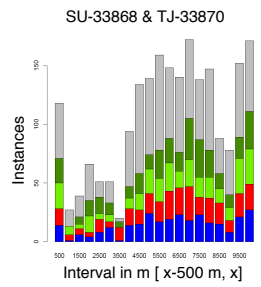
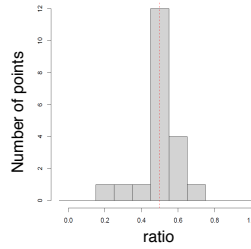
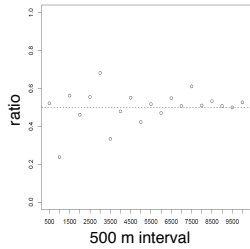
Instances

Interval in m [x-250 m, x]

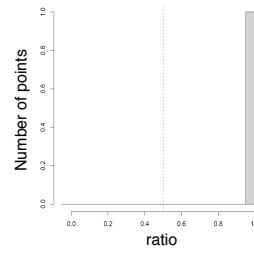
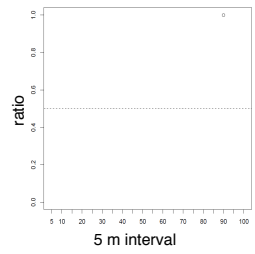
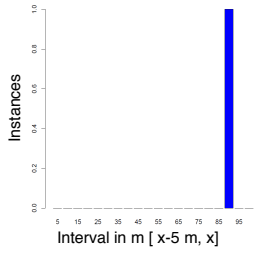
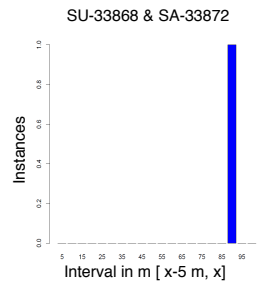
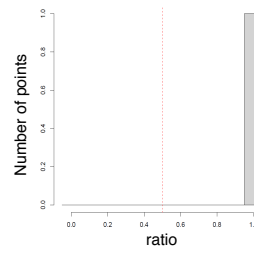
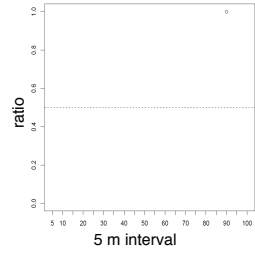
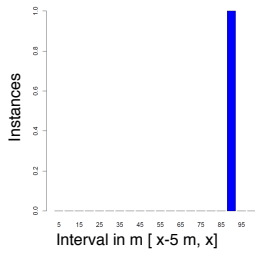


(3.i)

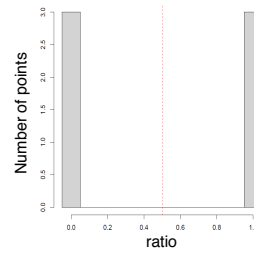
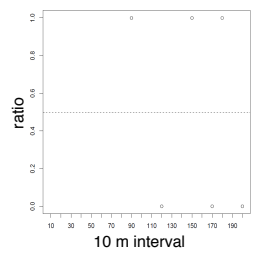
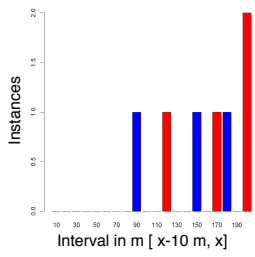
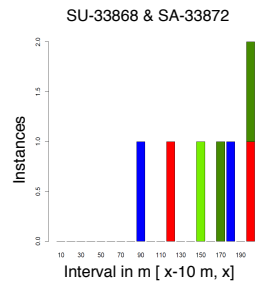
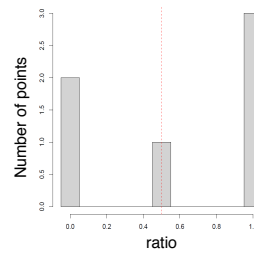
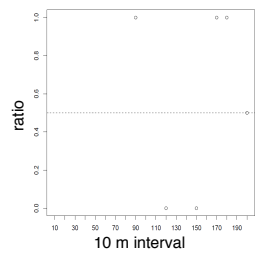
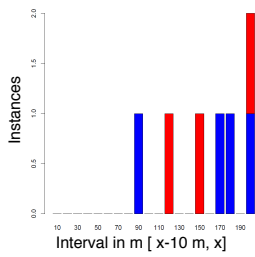
Interval in m [x-500 m, x]	Instances
500	120
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1500	70
2000	50
2500	50
3000	20
3500	40
4000	130
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5500	140
6000	160
6500	150
7000	140
7500	80
8000	100
8500	150
9000	160



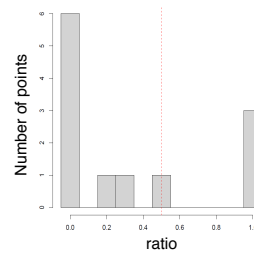
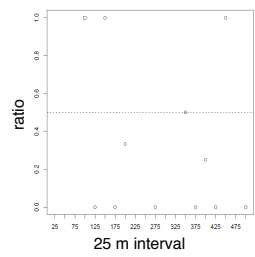
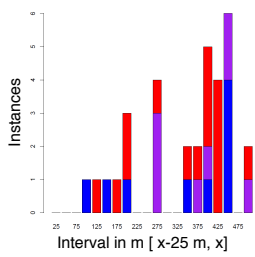
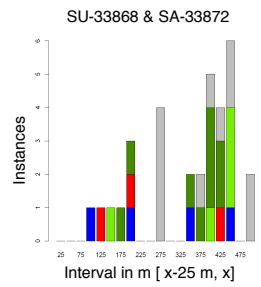
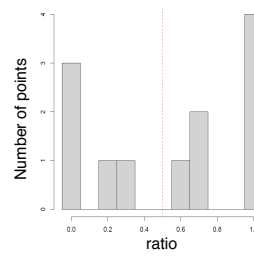
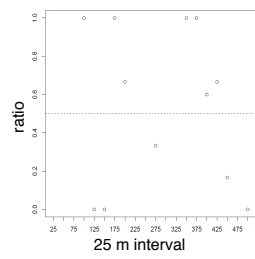
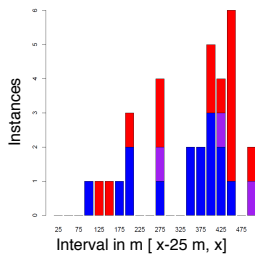
(4.a)



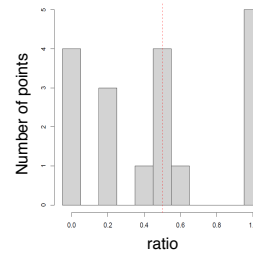
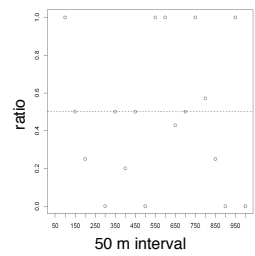
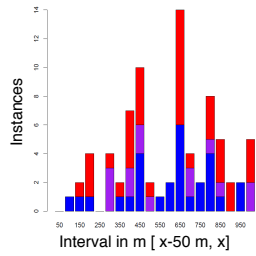
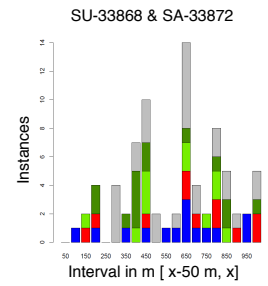
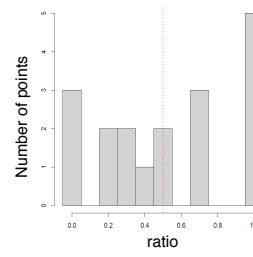
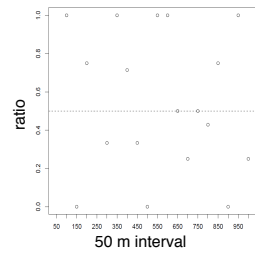
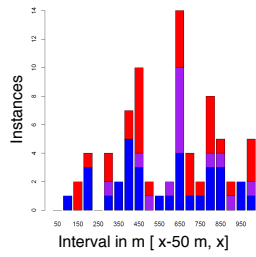
(4.b)



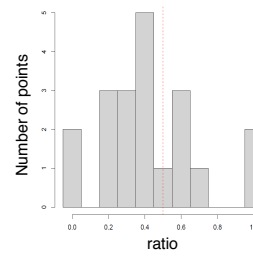
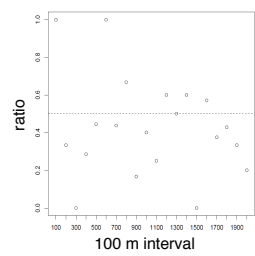
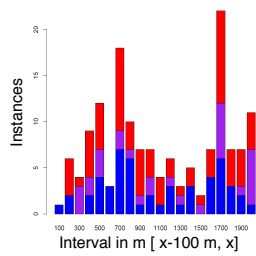
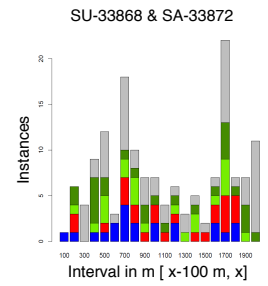
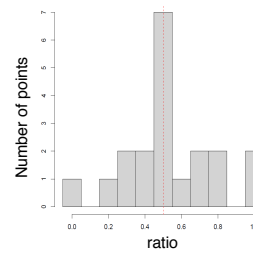
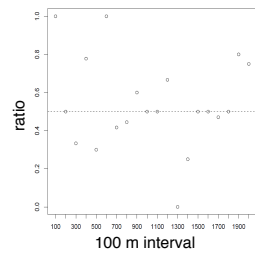
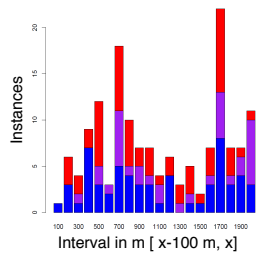
(4.c)



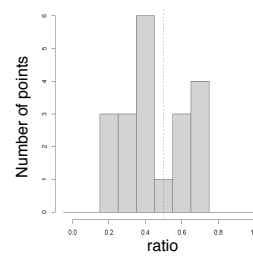
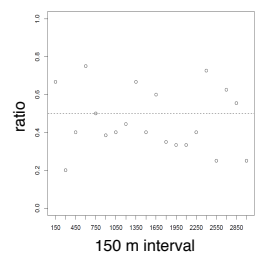
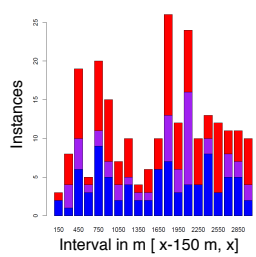
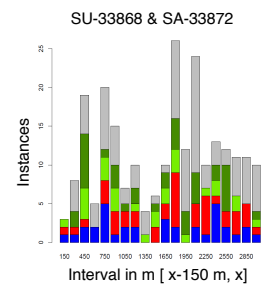
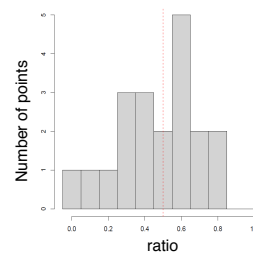
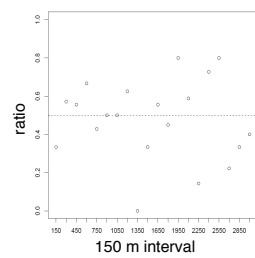
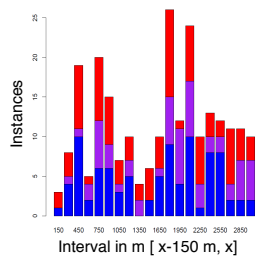
(4.d)



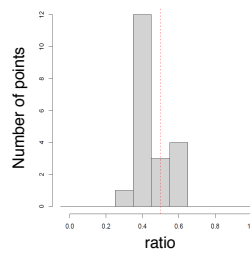
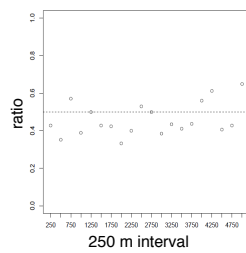
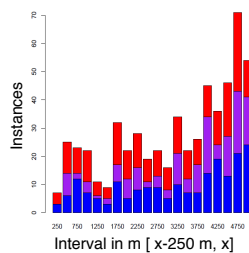
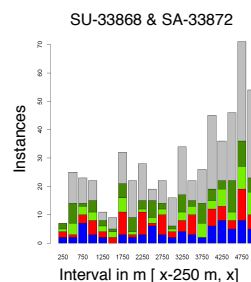
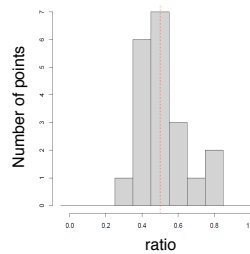
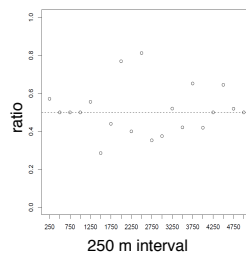
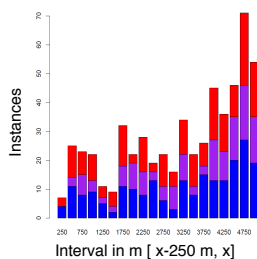
(4.e)



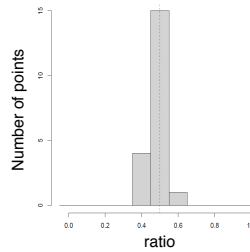
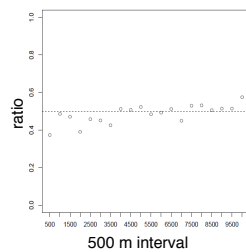
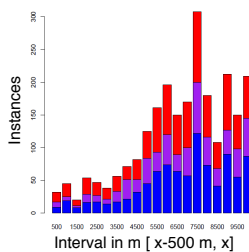
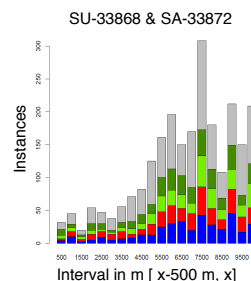
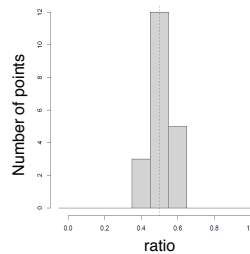
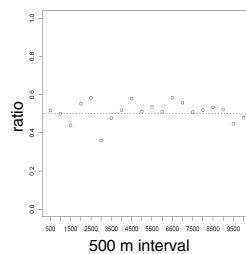
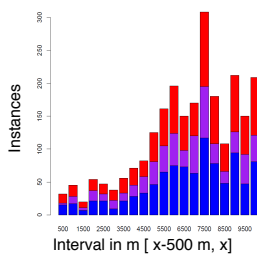
(4.f)



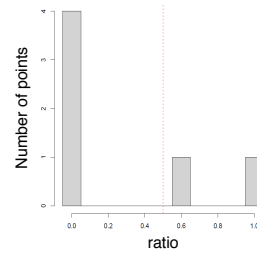
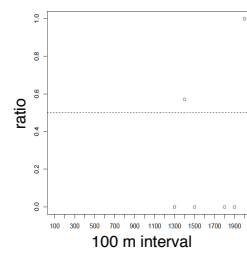
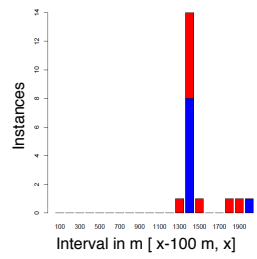
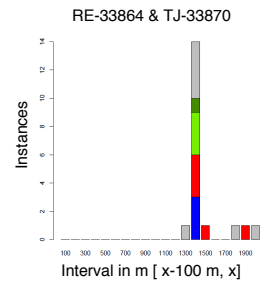
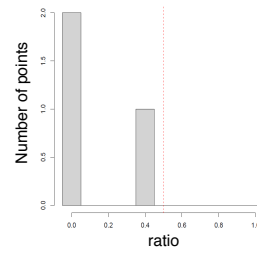
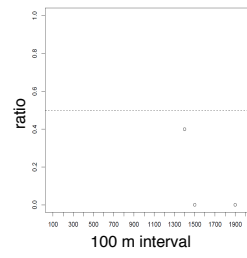
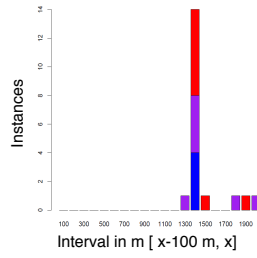
(4.g)



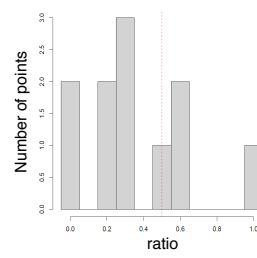
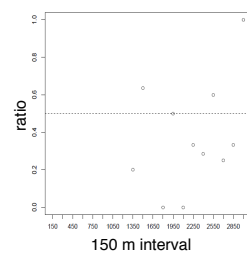
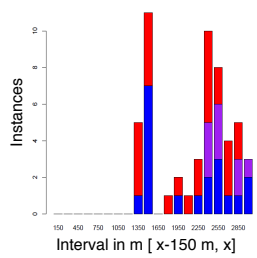
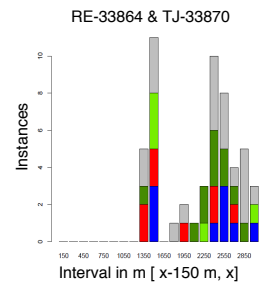
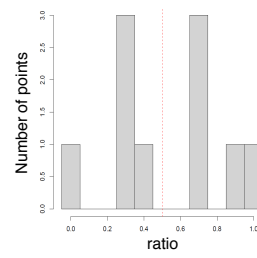
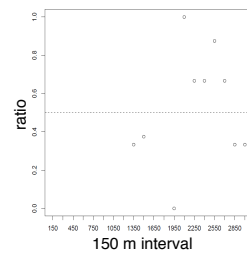
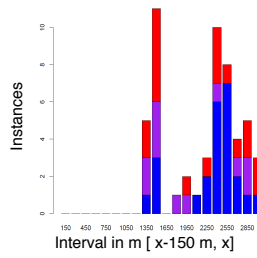
(4.h)



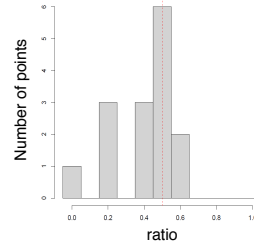
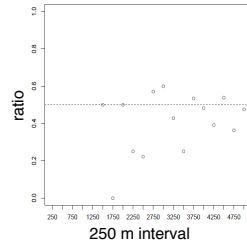
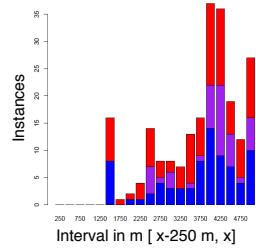
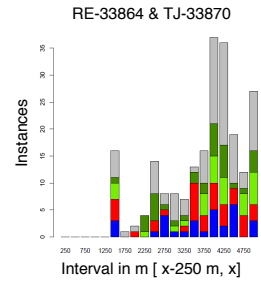
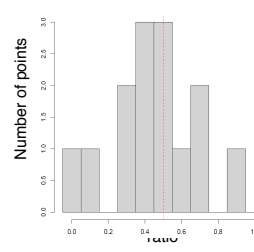
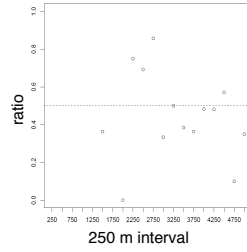
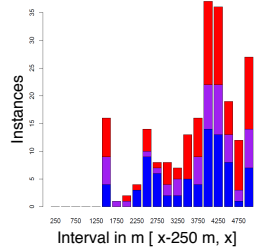
(5.a)



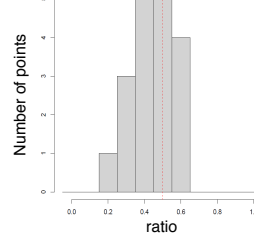
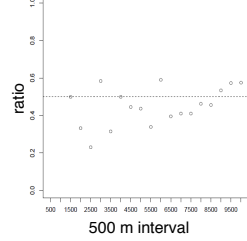
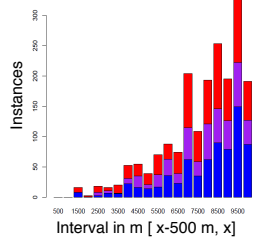
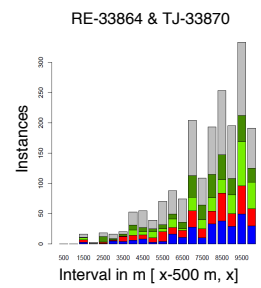
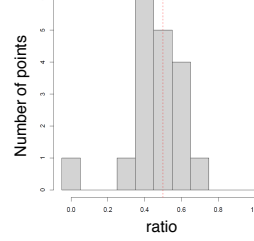
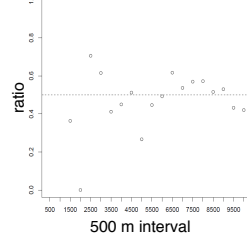
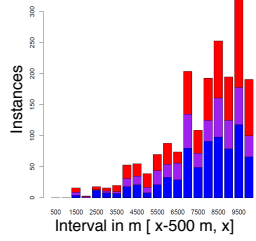
(5.b)



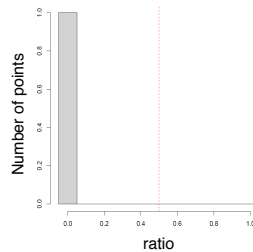
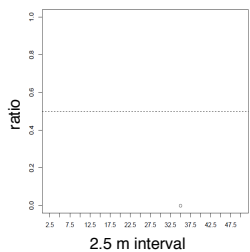
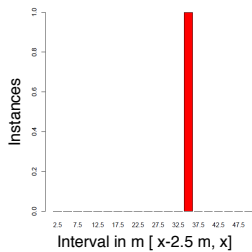
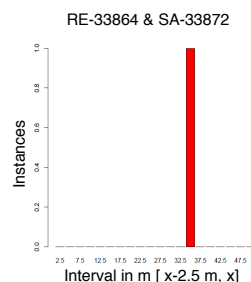
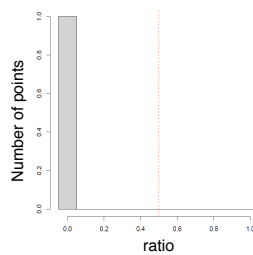
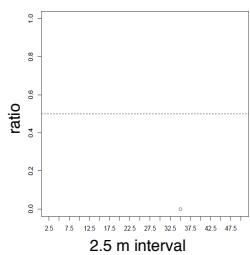
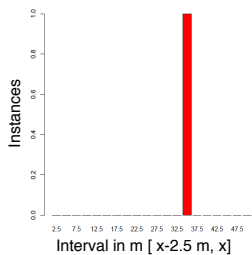
(5.c)



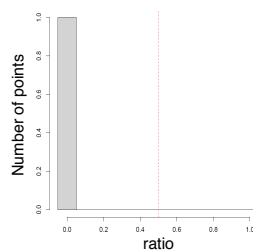
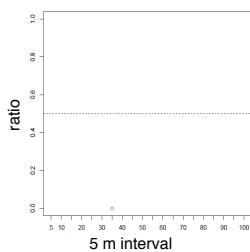
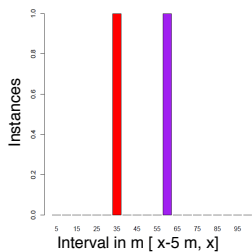
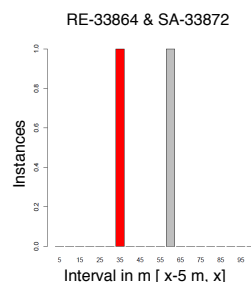
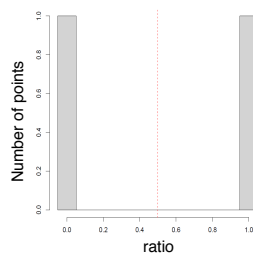
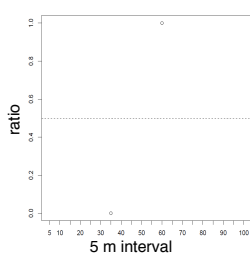
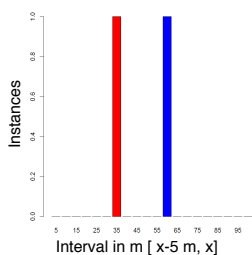
(5.d)



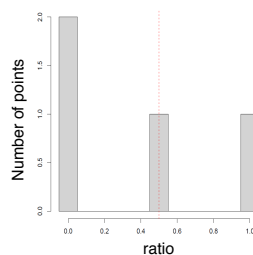
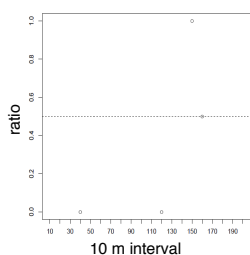
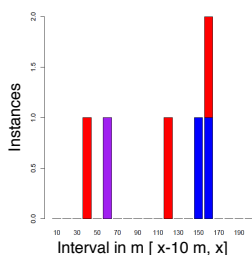
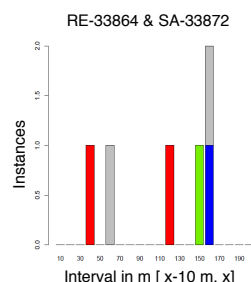
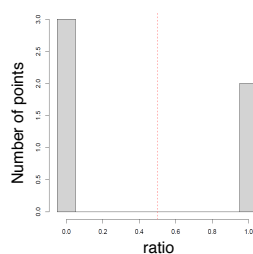
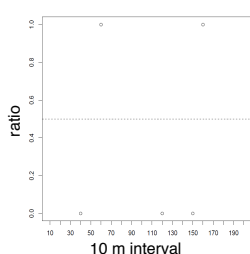
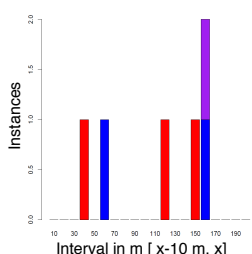
(6.a)



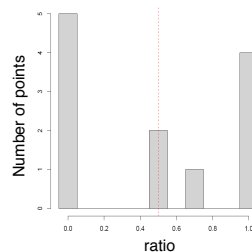
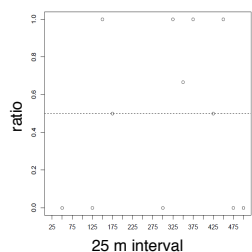
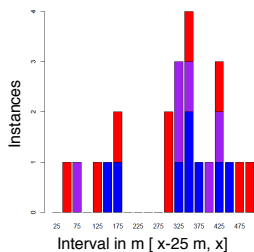
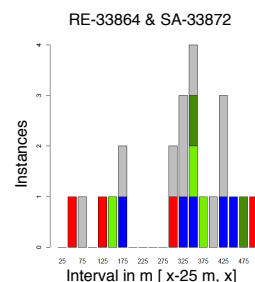
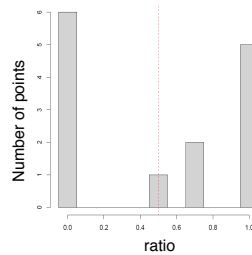
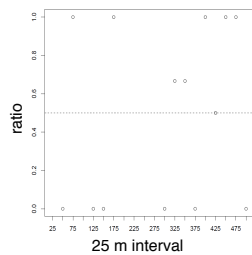
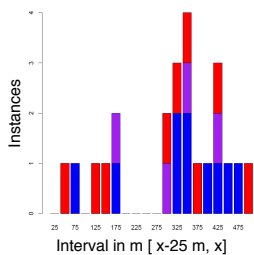
(6.b)



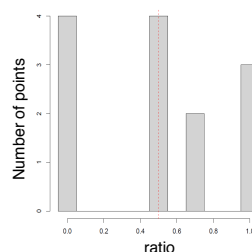
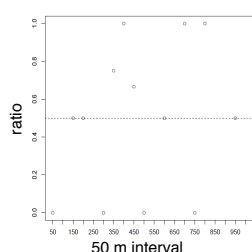
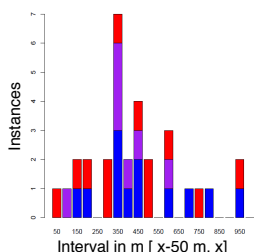
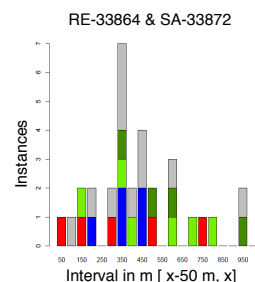
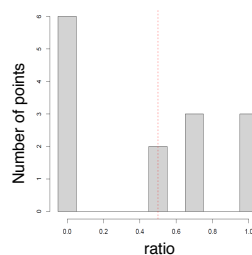
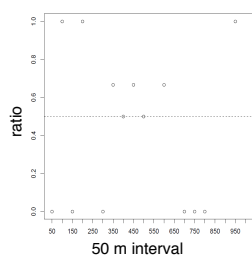
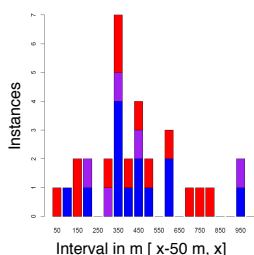
(6.c)



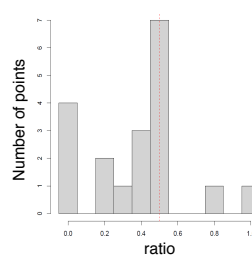
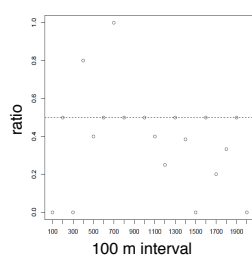
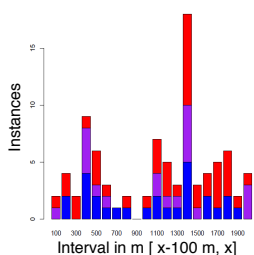
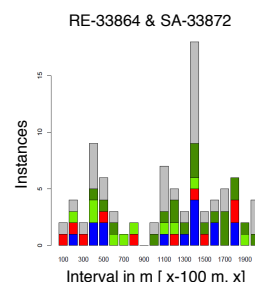
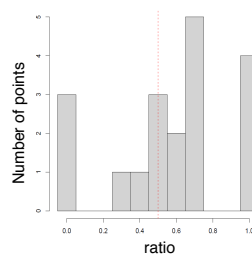
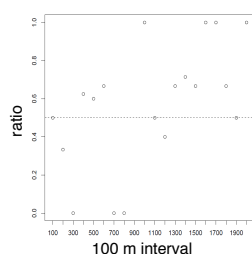
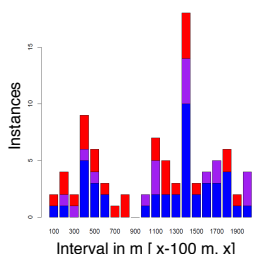
(6.d)



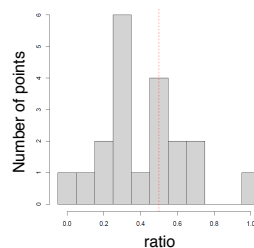
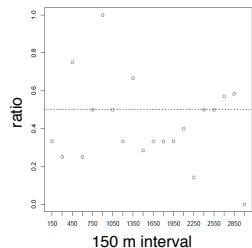
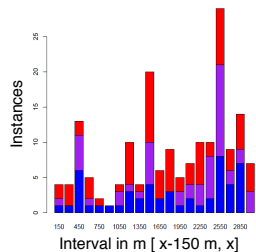
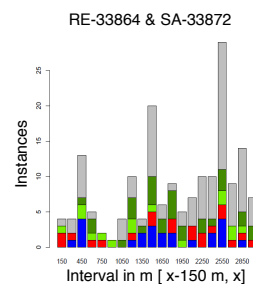
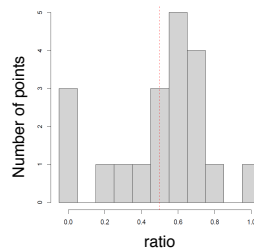
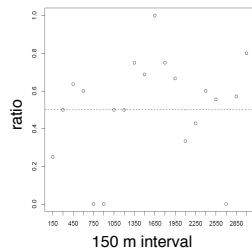
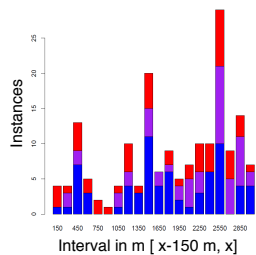
(6.e)



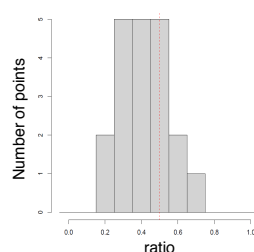
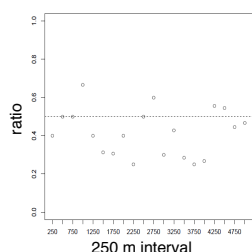
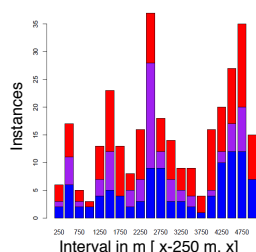
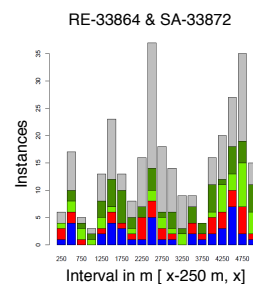
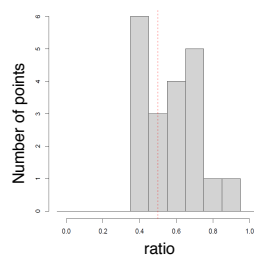
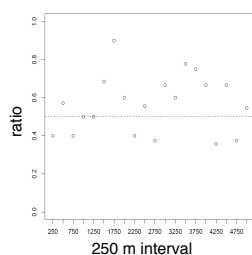
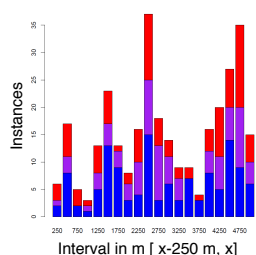
(6.f)



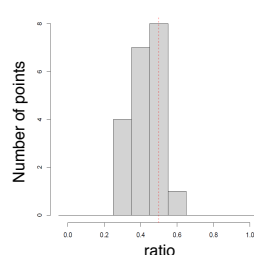
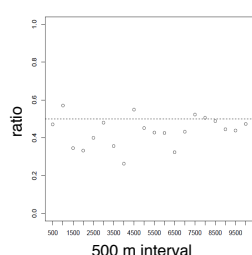
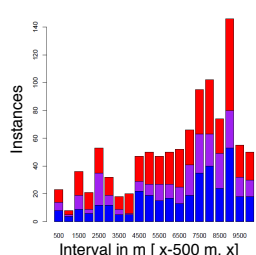
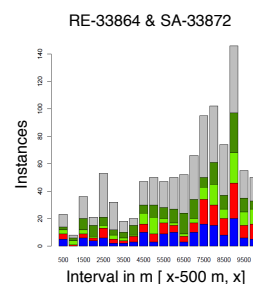
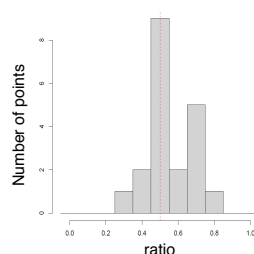
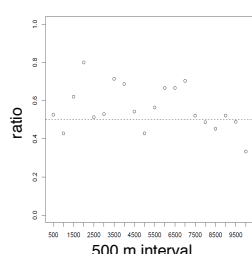
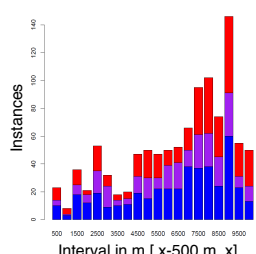
(6.g)



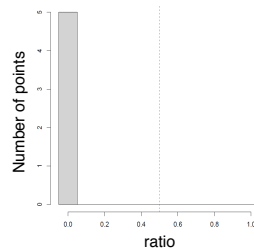
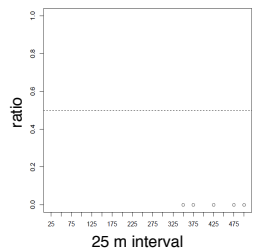
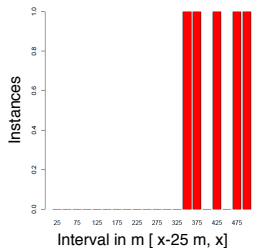
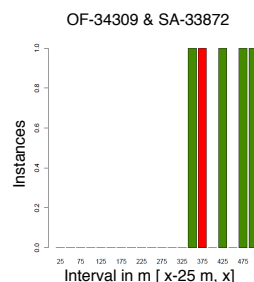
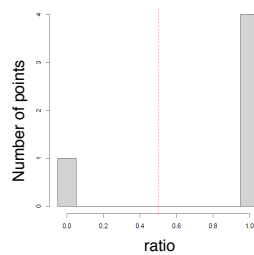
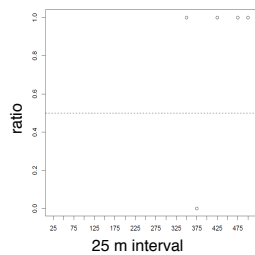
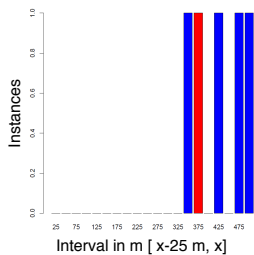
(6.h)



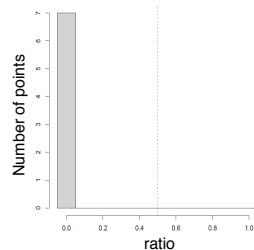
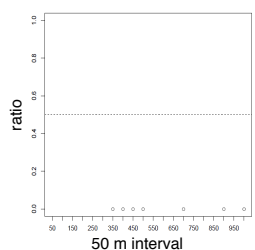
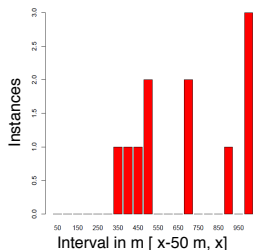
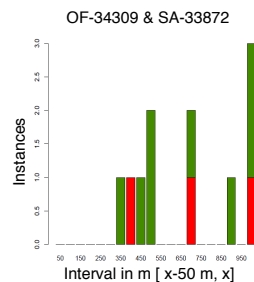
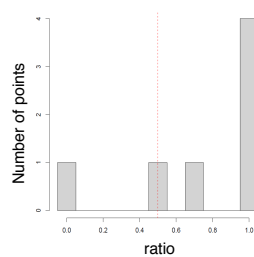
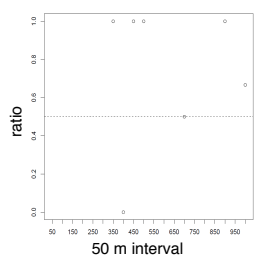
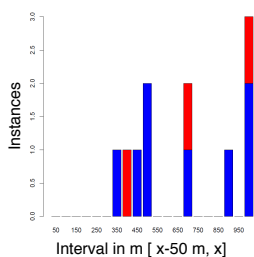
(6.i)



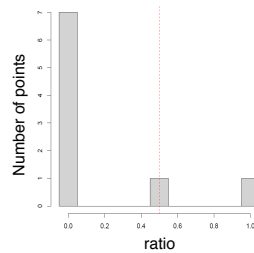
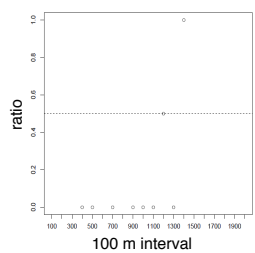
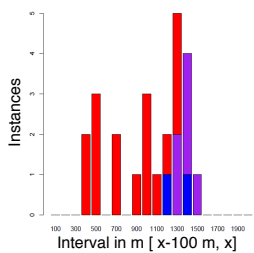
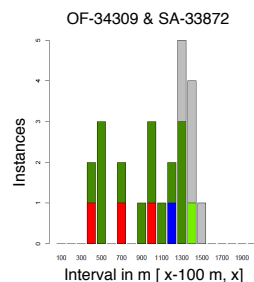
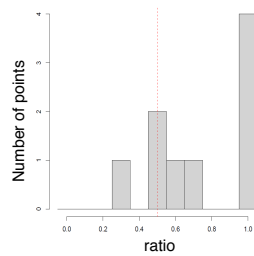
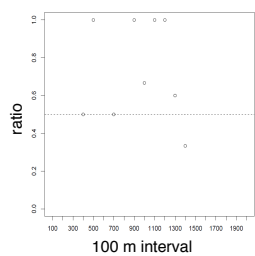
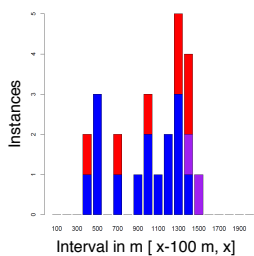
(7.a)



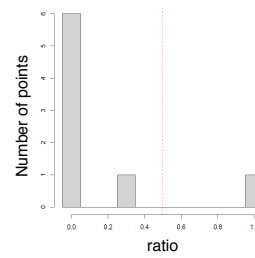
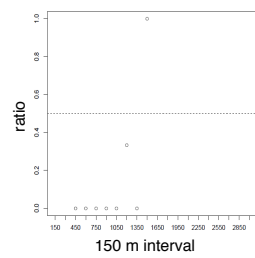
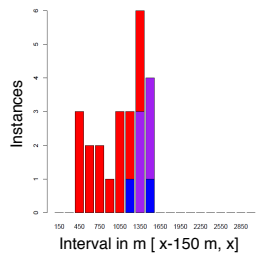
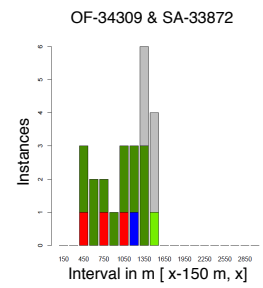
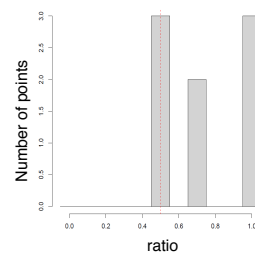
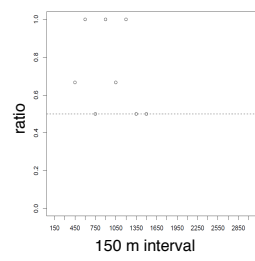
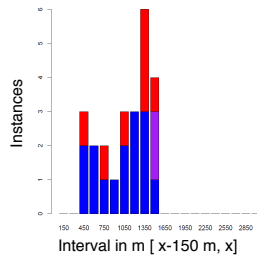
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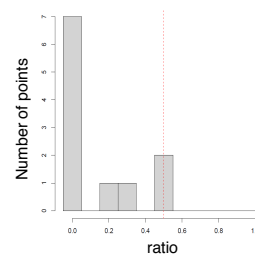
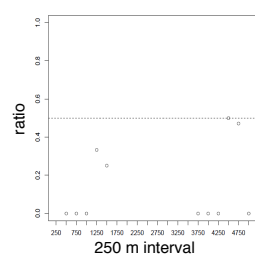
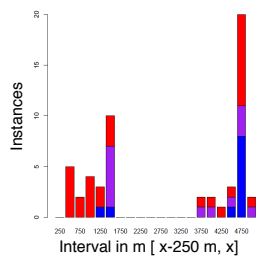
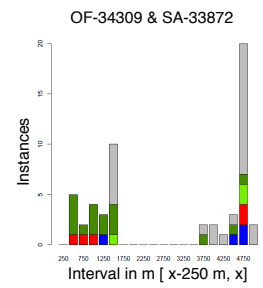
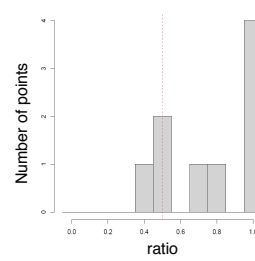
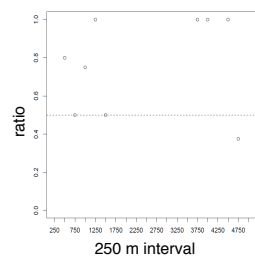
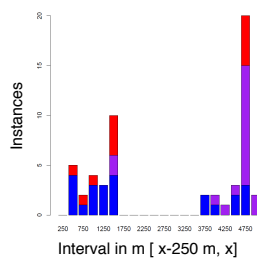
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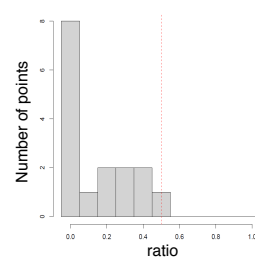
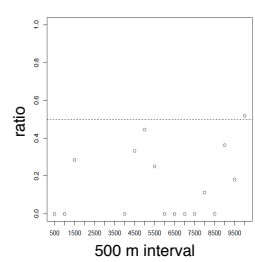
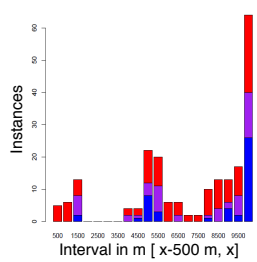
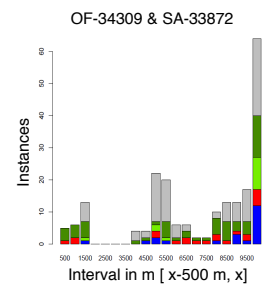
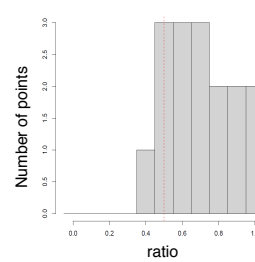
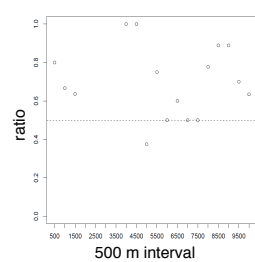
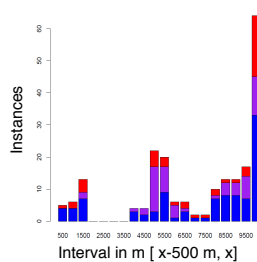
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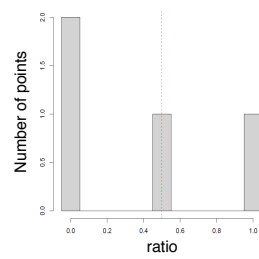
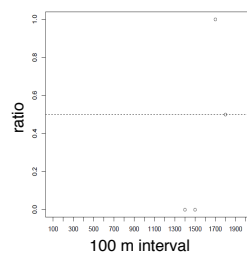
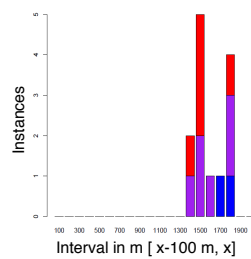
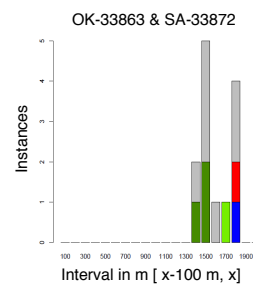
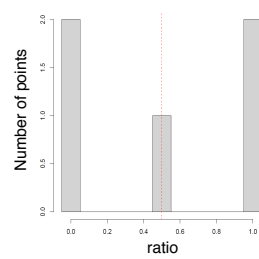
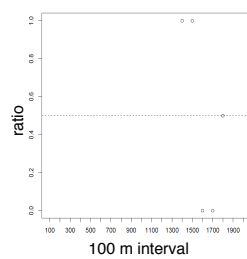
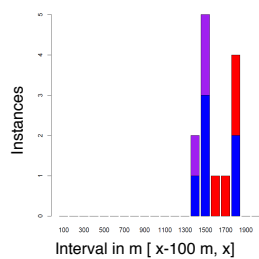
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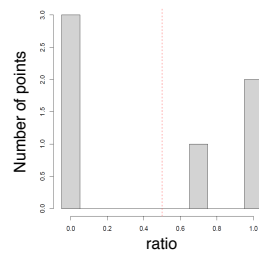
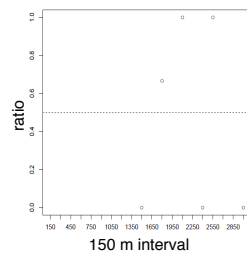
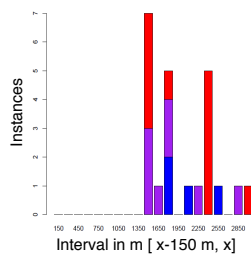
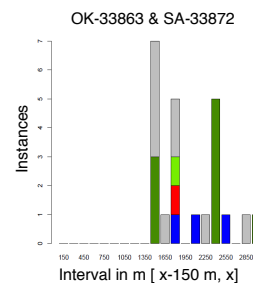
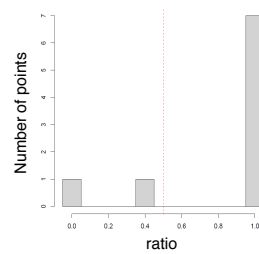
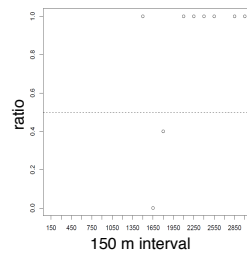
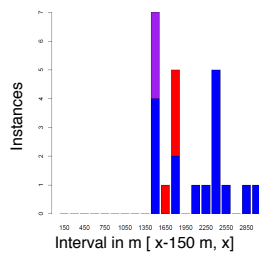
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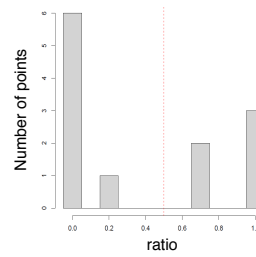
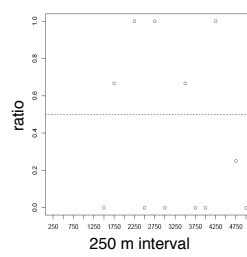
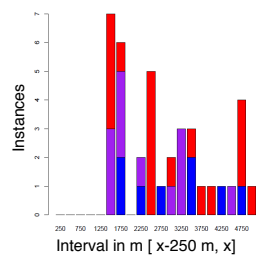
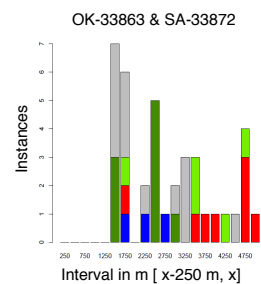
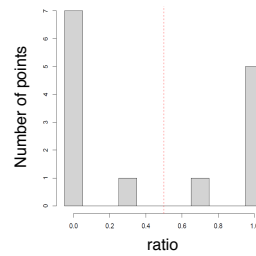
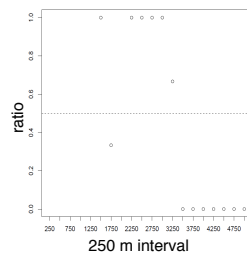
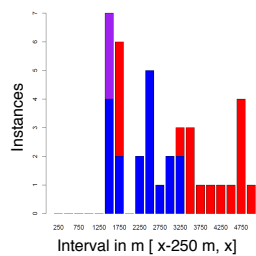
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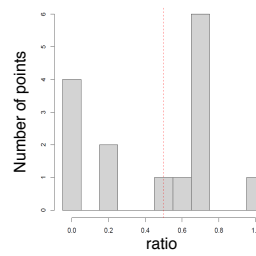
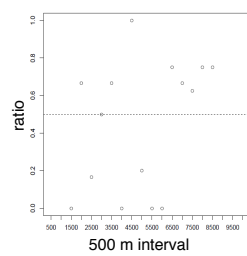
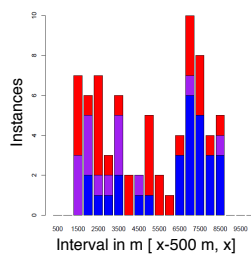
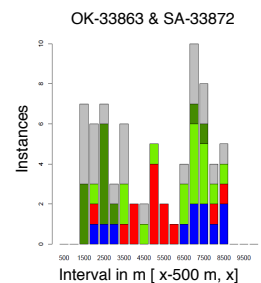
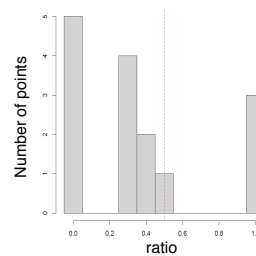
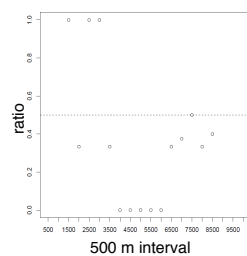
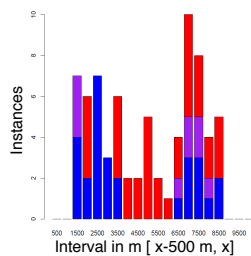
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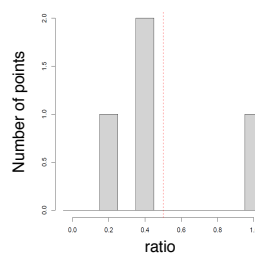
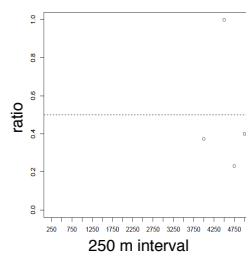
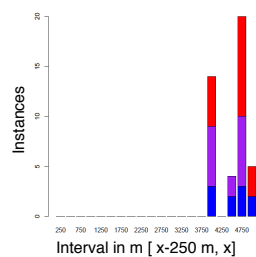
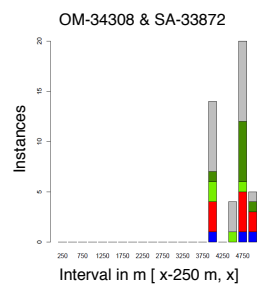
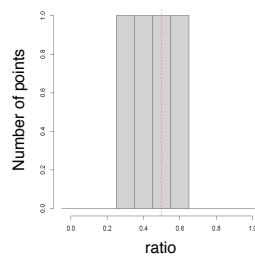
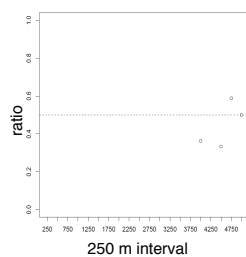
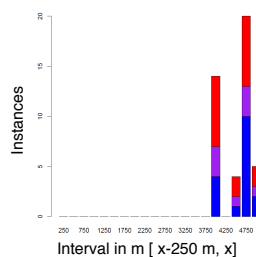
(8.c)



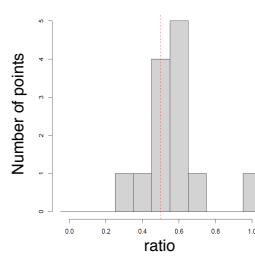
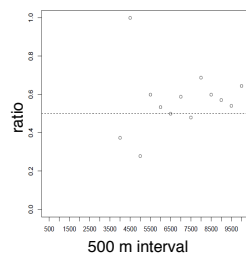
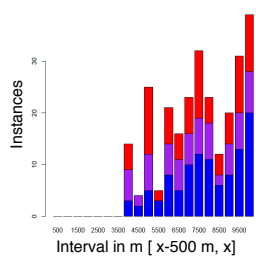
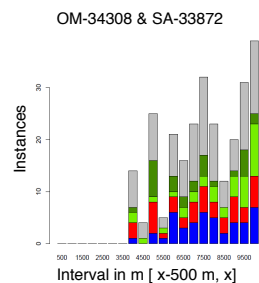
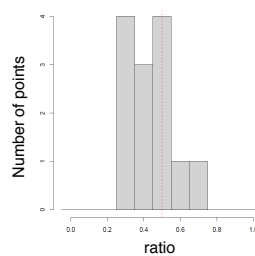
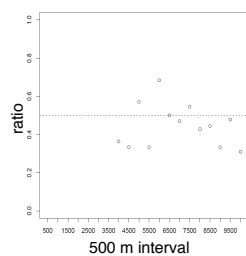
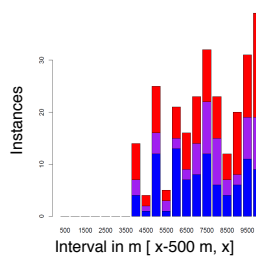
(8.d)



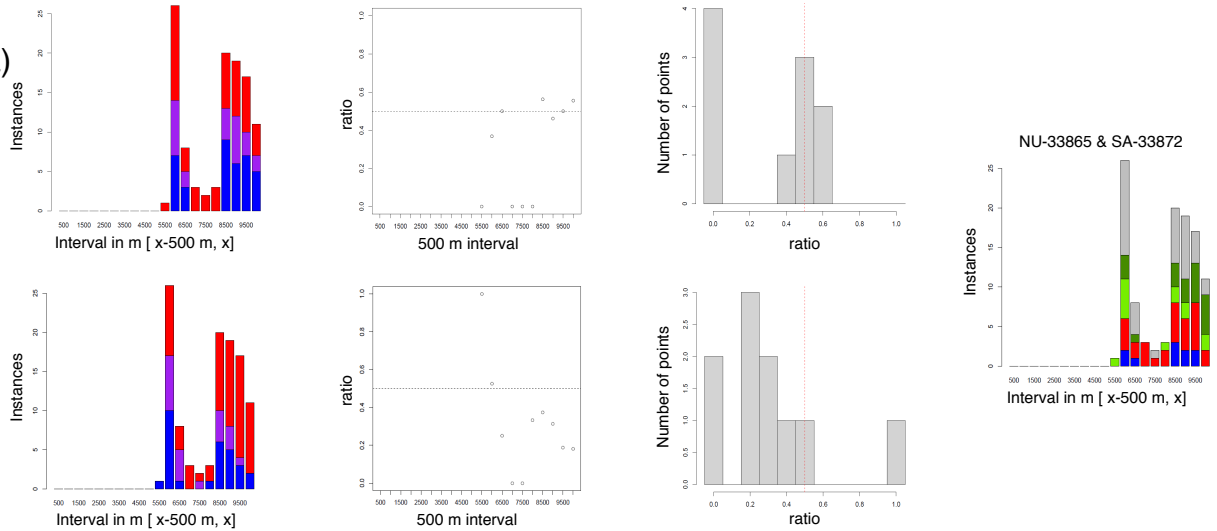
(9.a)



(9.b)



(10.a)



Supplementary Appendix 5. Movement distribution and ratio plots for heterospecific lion and spotted hyena dyads from Chobe, Botswana (1-2), and Etosha, Namibia (3-10) at different distance intervals. Panels on the far left indicate the difference in the heading of one individual towards the other individual, while panels on the far right indicate the dyad's simultaneous movement types at the designated distance interval. Middle panels indicate the ratio of the towards / (towards + away) movements for the individual, and panels on the right indicate the distribution for the ratio. Upper three panels in all figures represent the movements of the lion towards the hyena in the dyad, and the lower three panels represent the movements of the hyena towards the lion in the dyad.