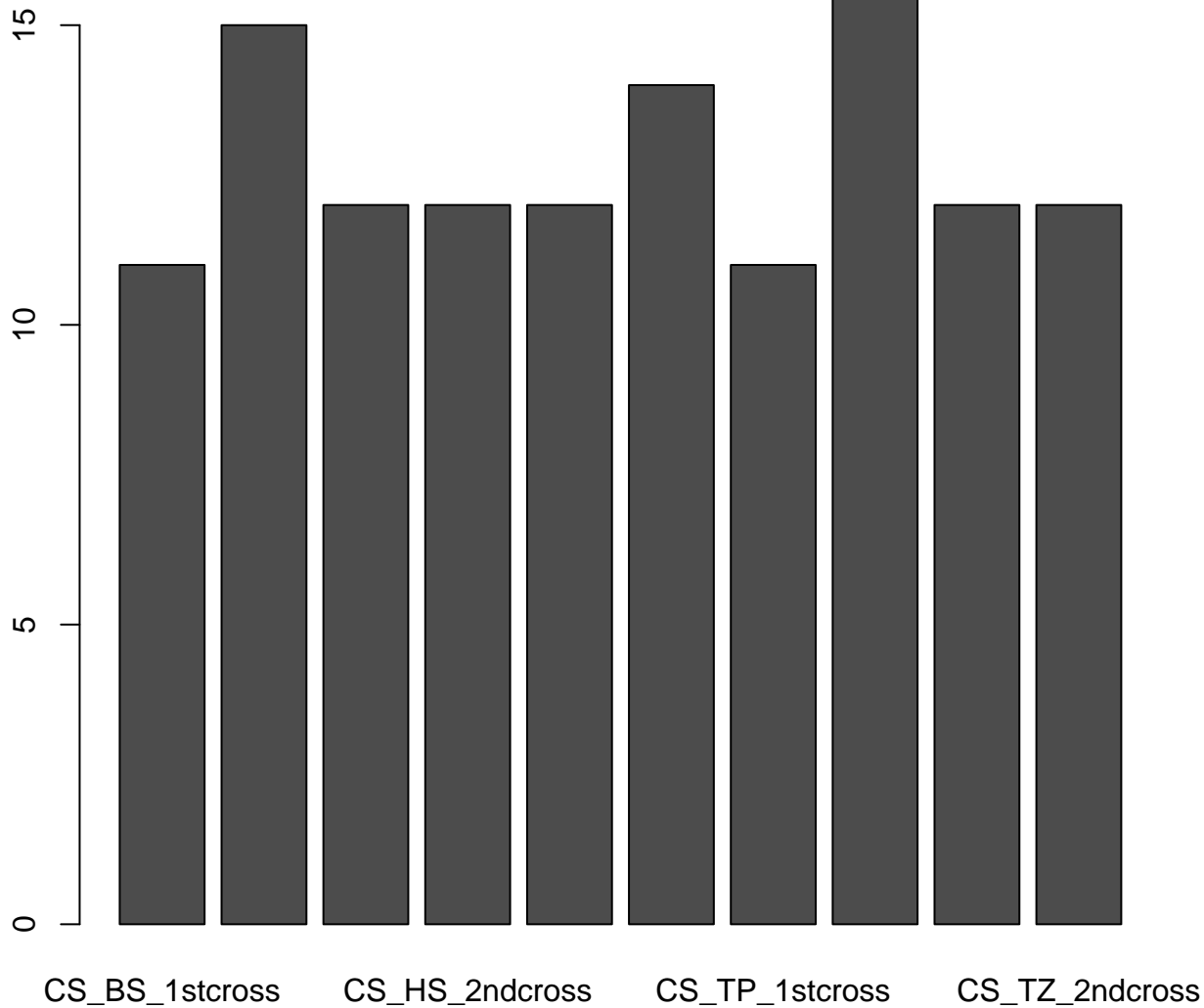
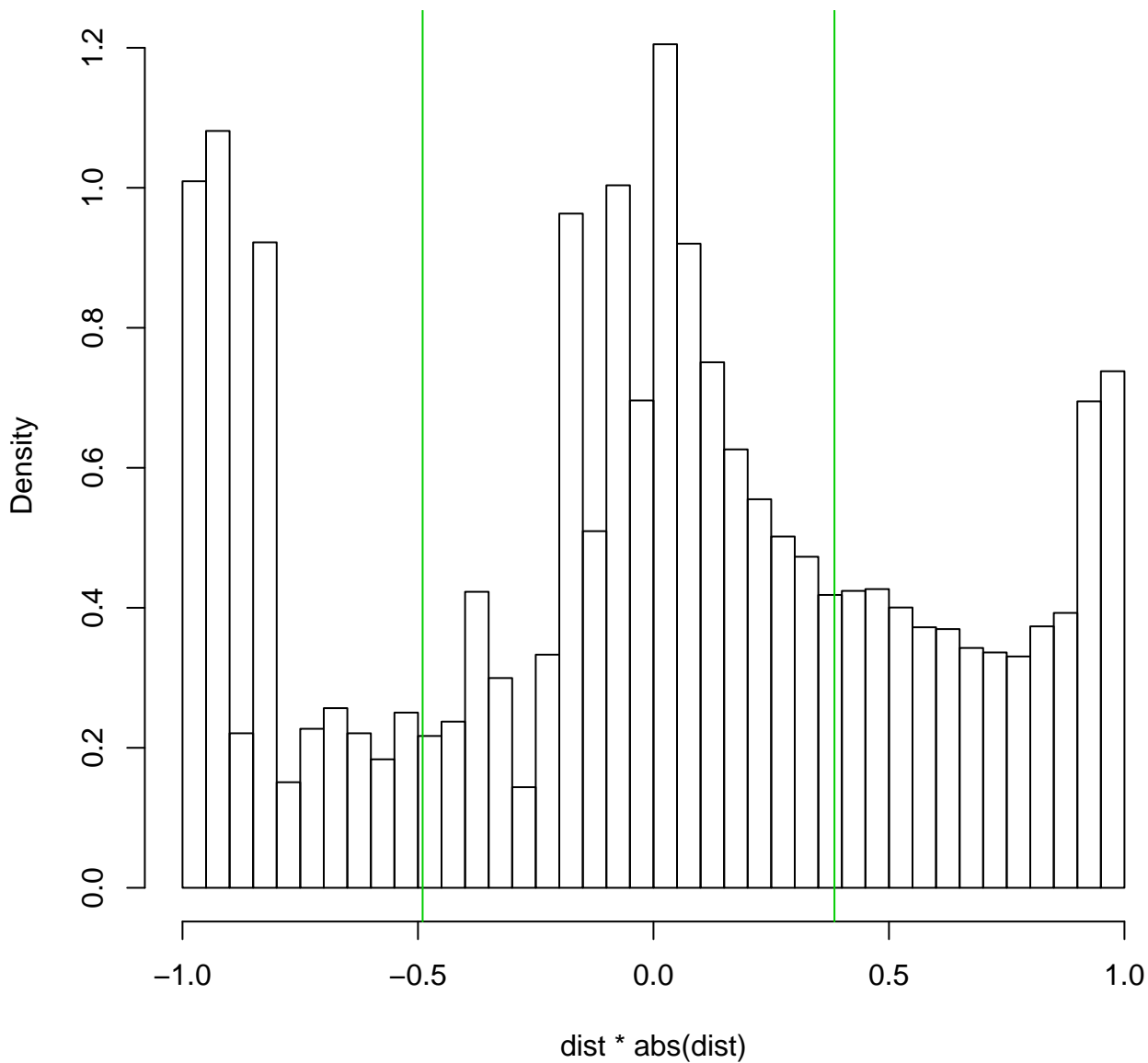


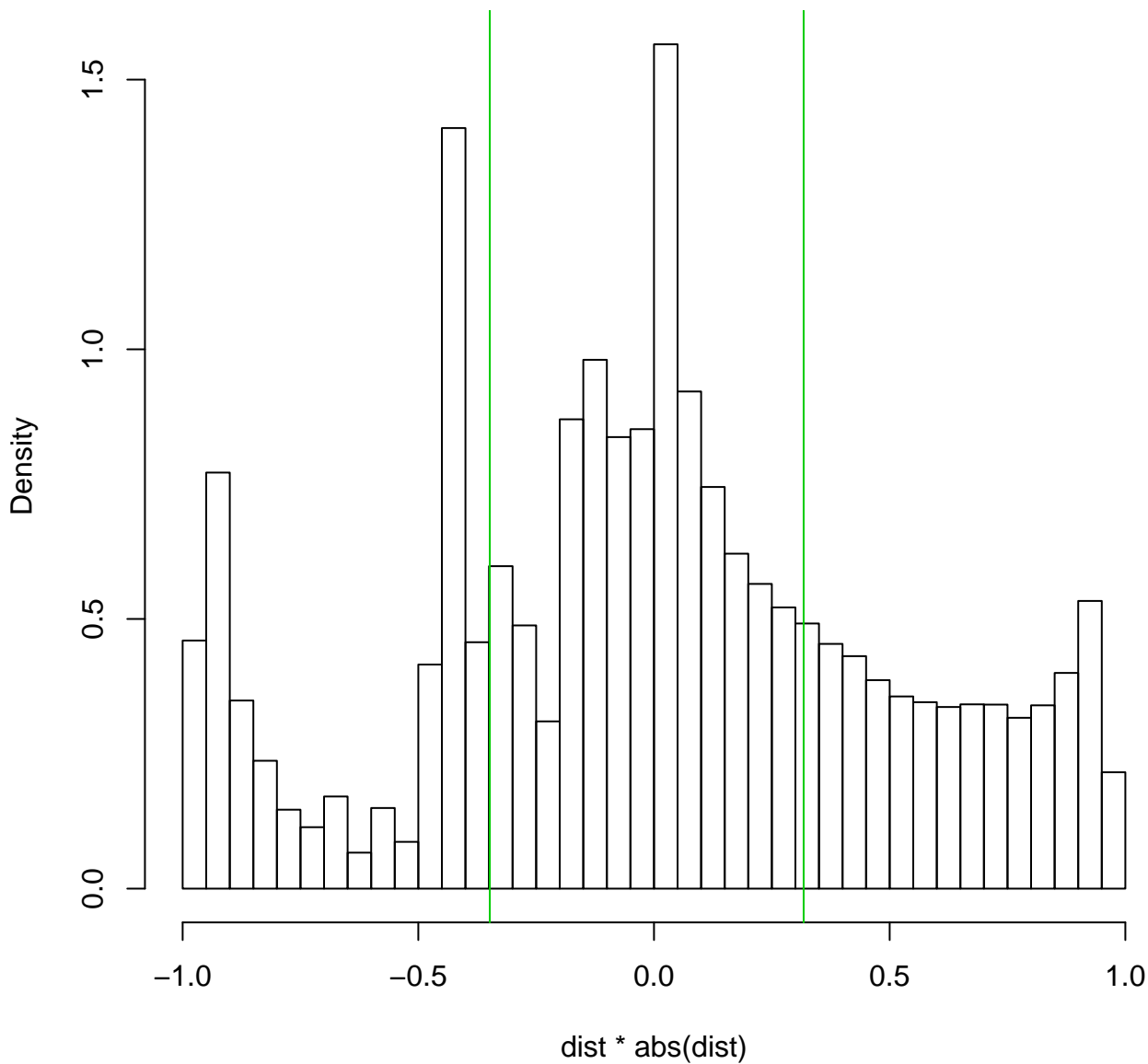
**samplesize**



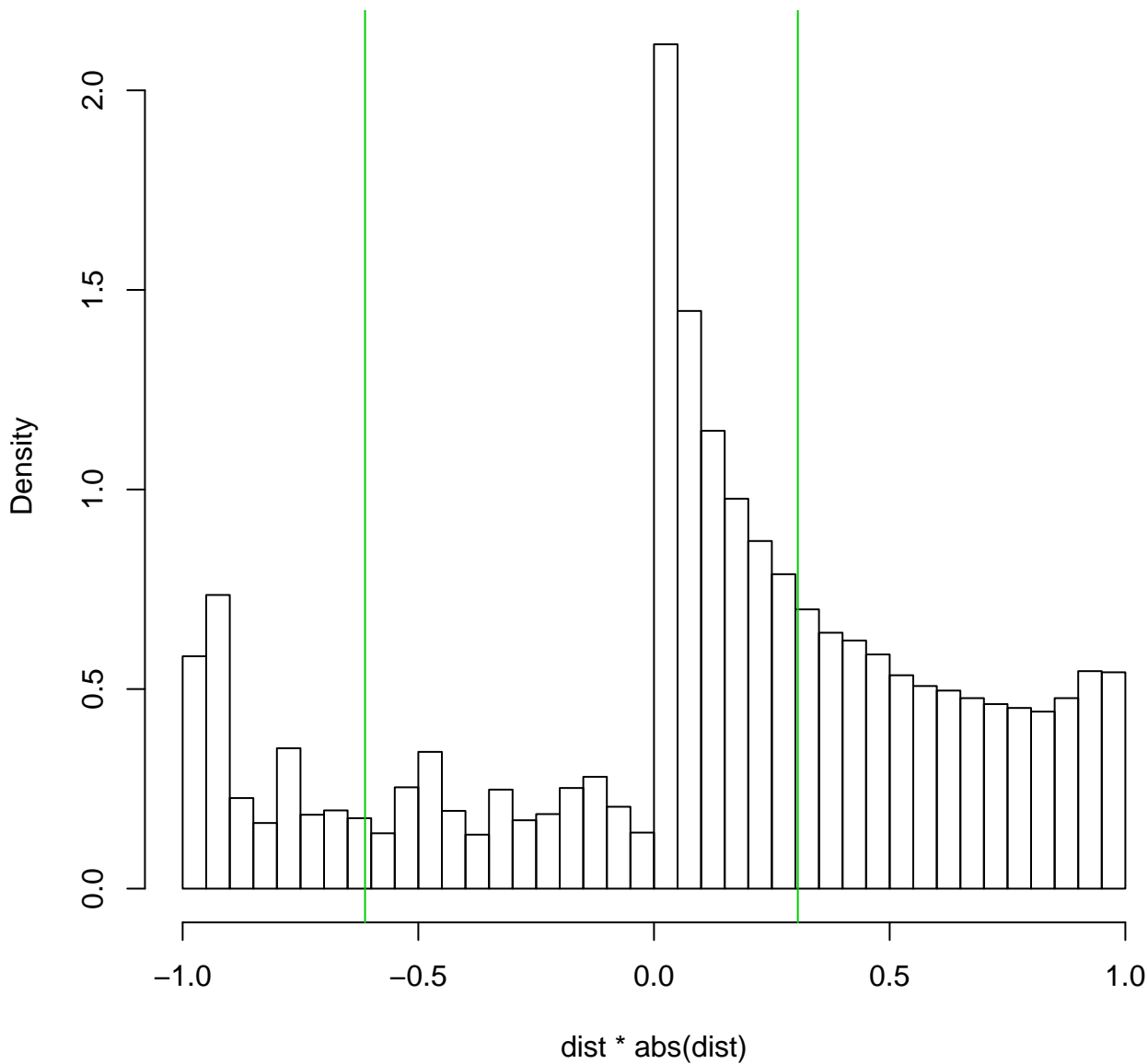
# CS\_BS\_1stcross



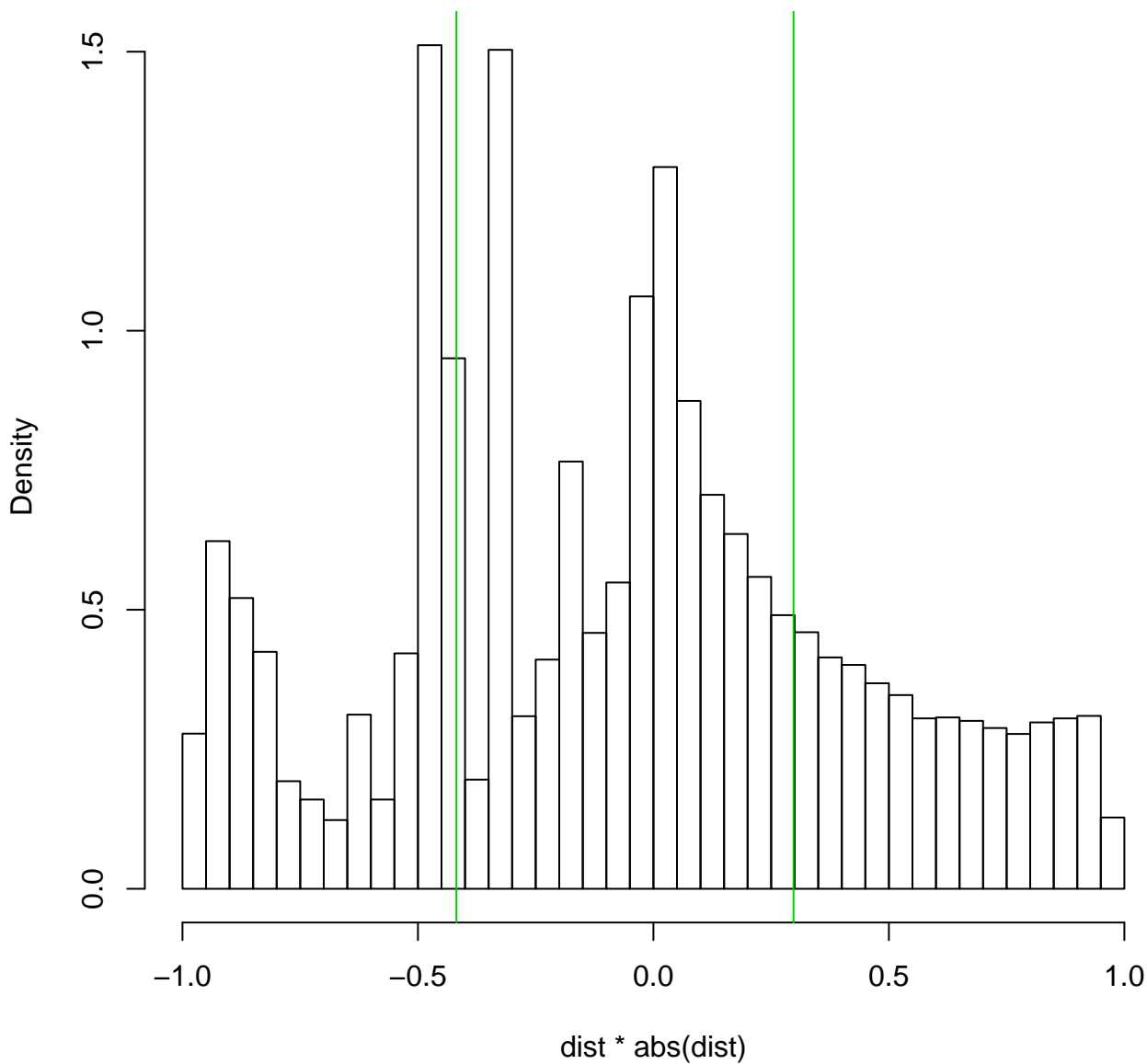
# CS\_BS\_2ndcross



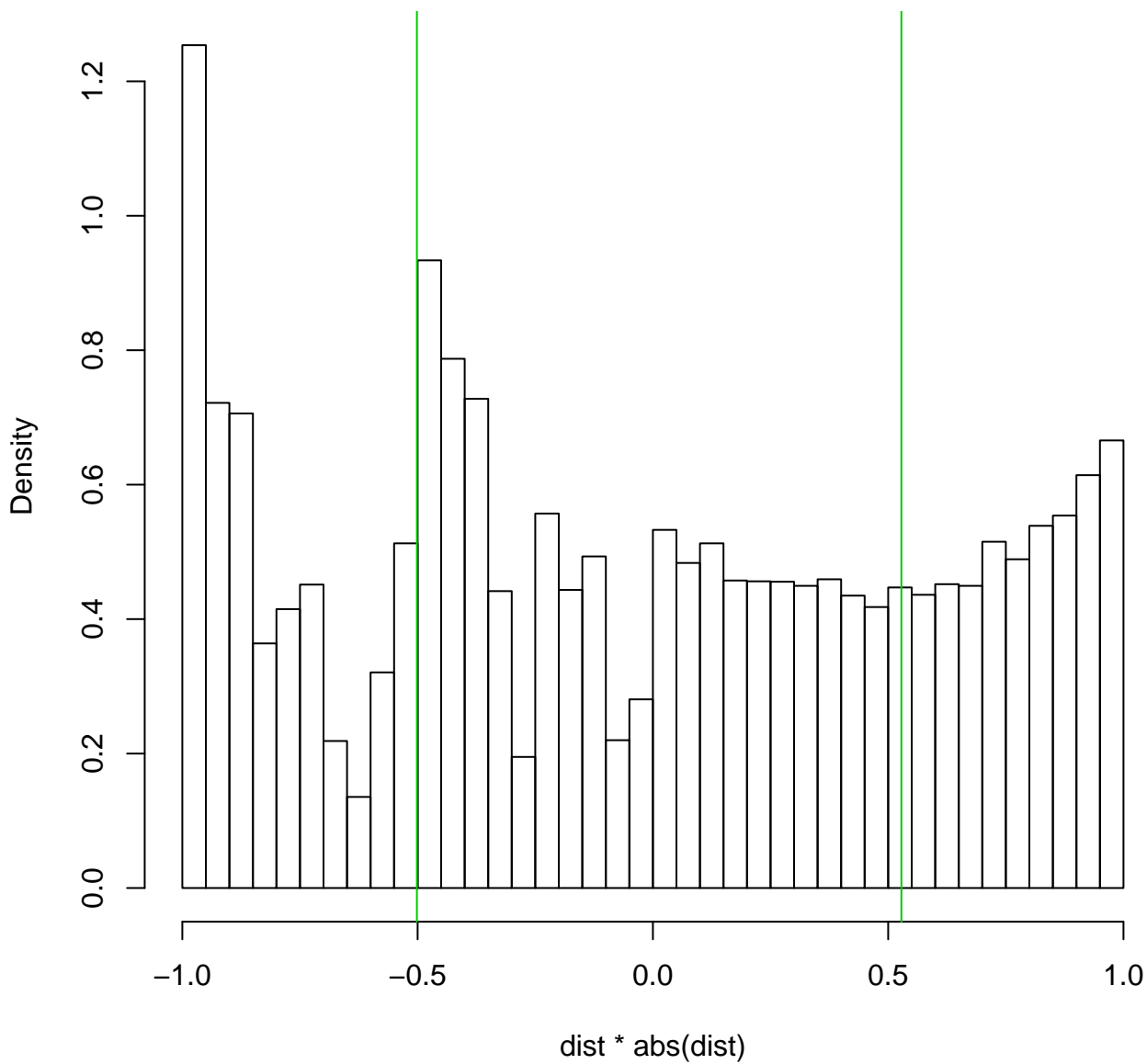
# CS\_HS\_1stcross



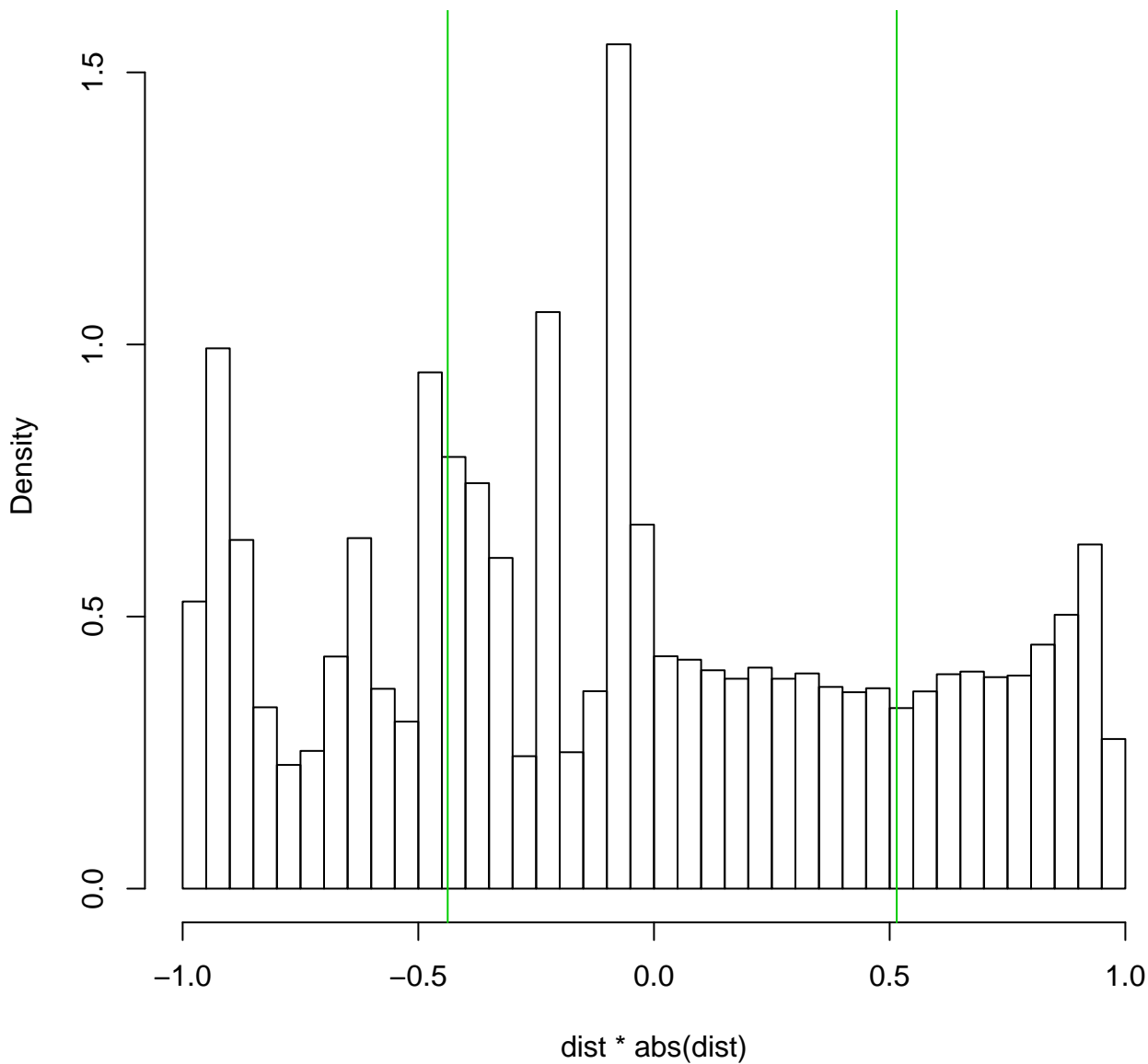
# CS\_HS\_2ndcross



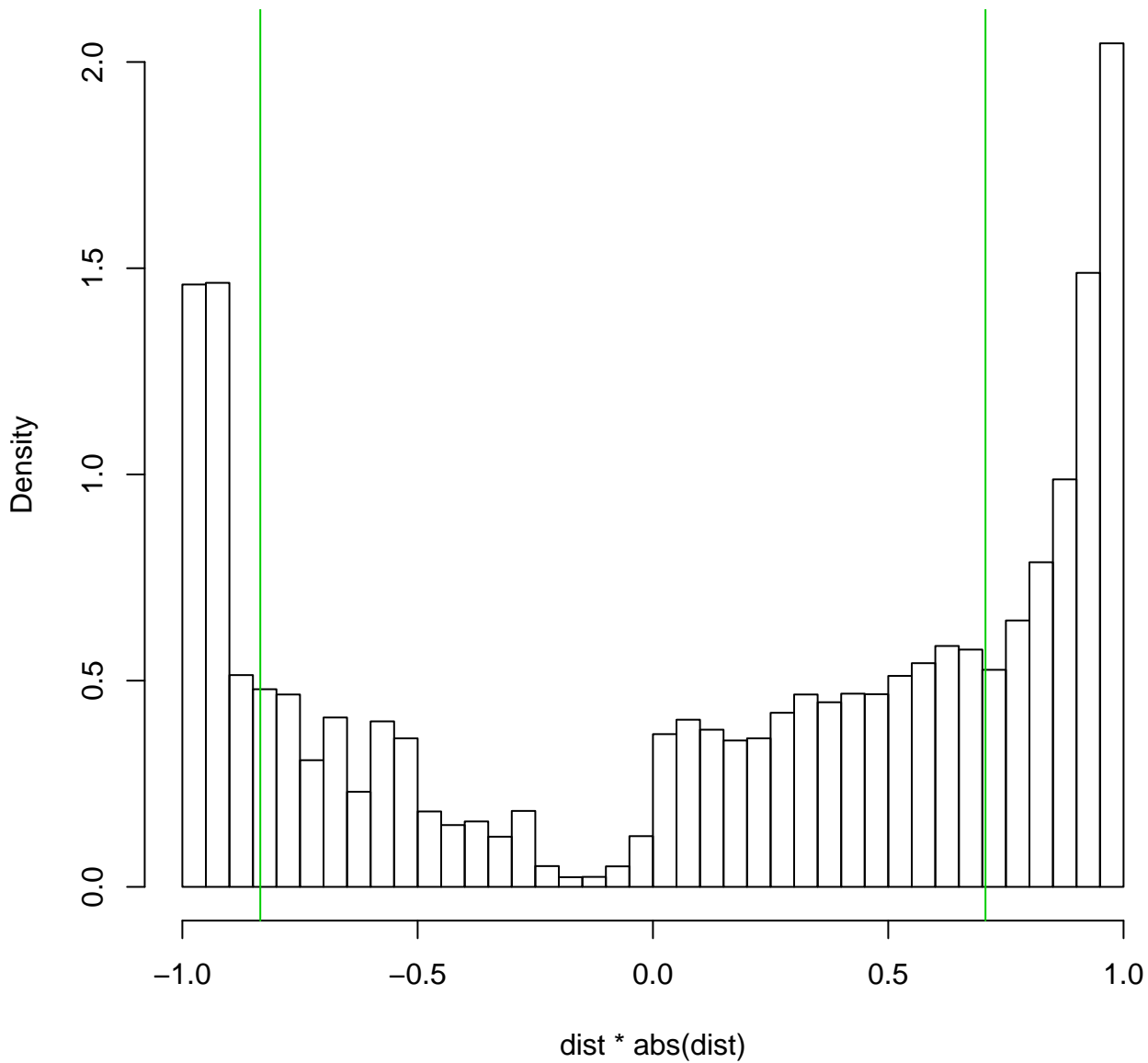
# CS\_JC\_1stcross



# CS\_JC\_2ndcross

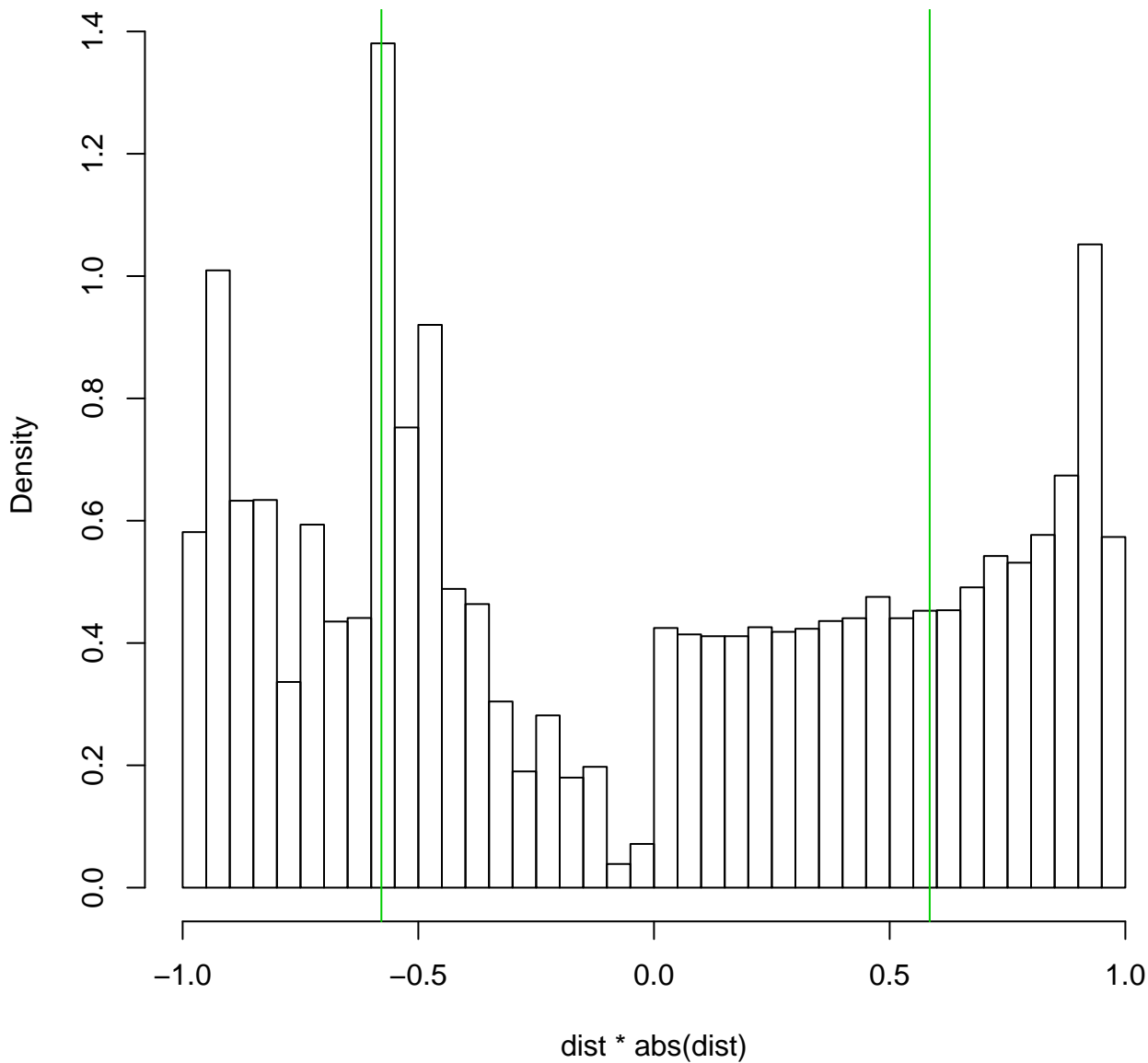


# CS\_TP\_1stcross

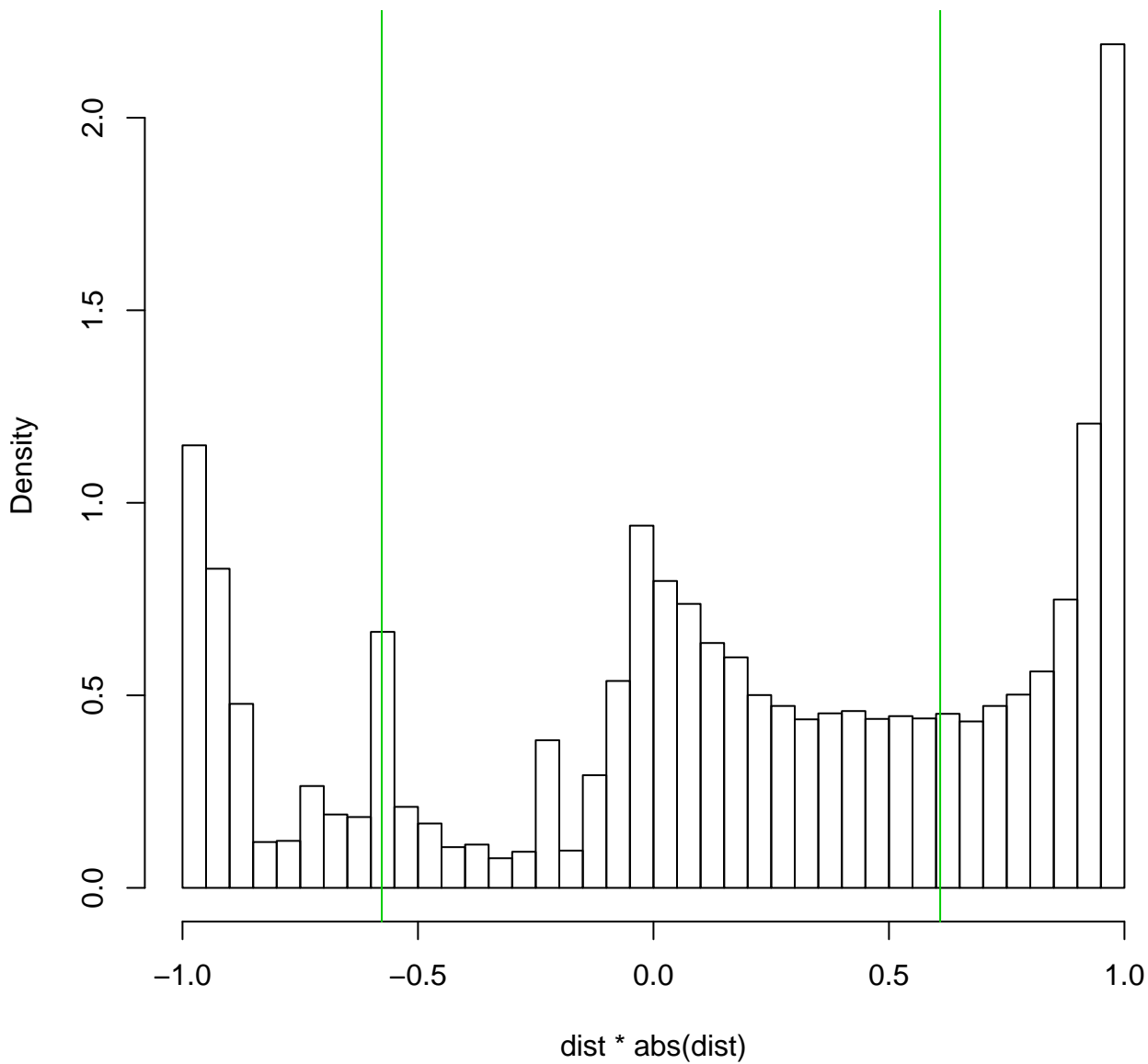




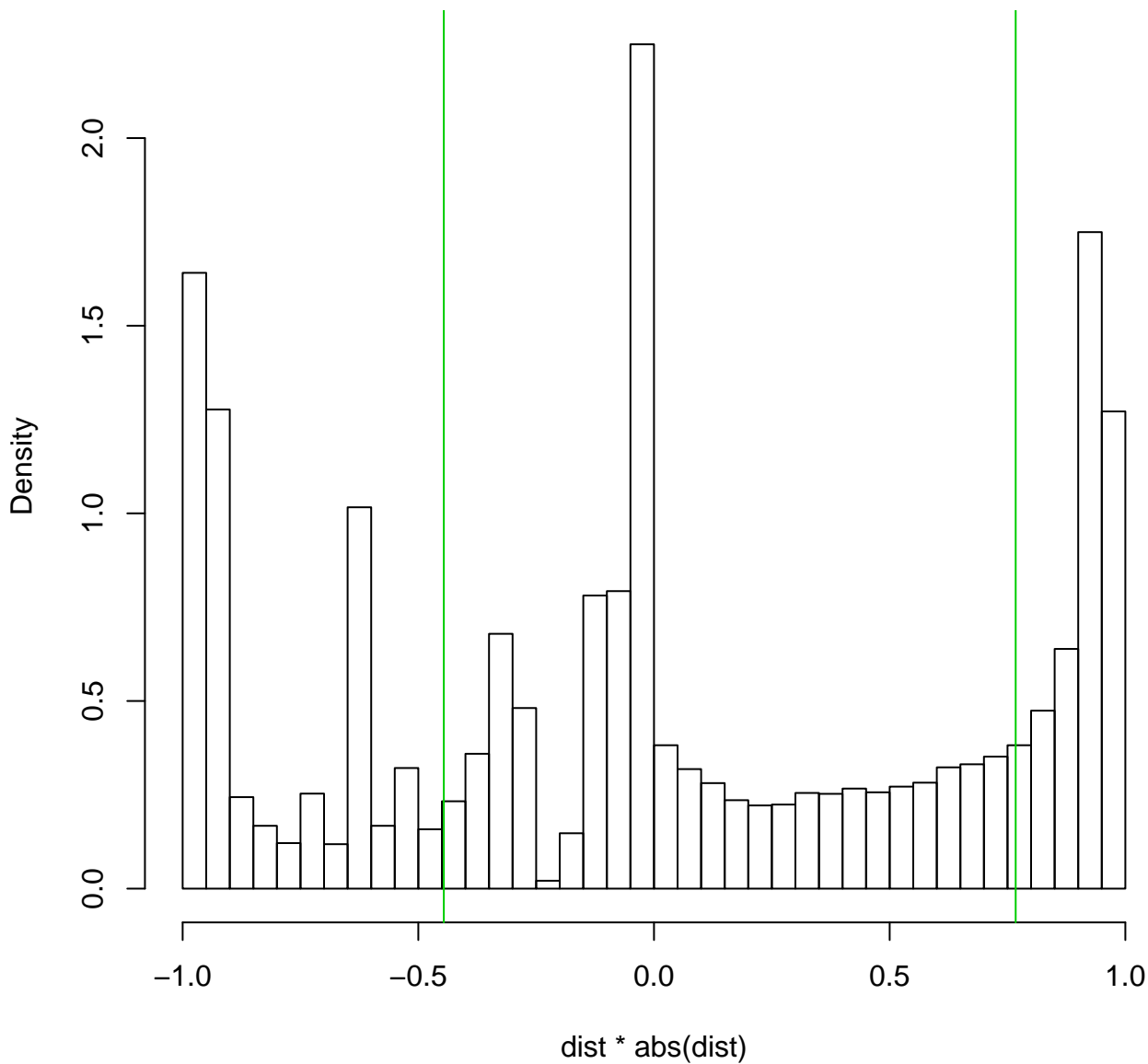
# CS\_TP\_2ndcross



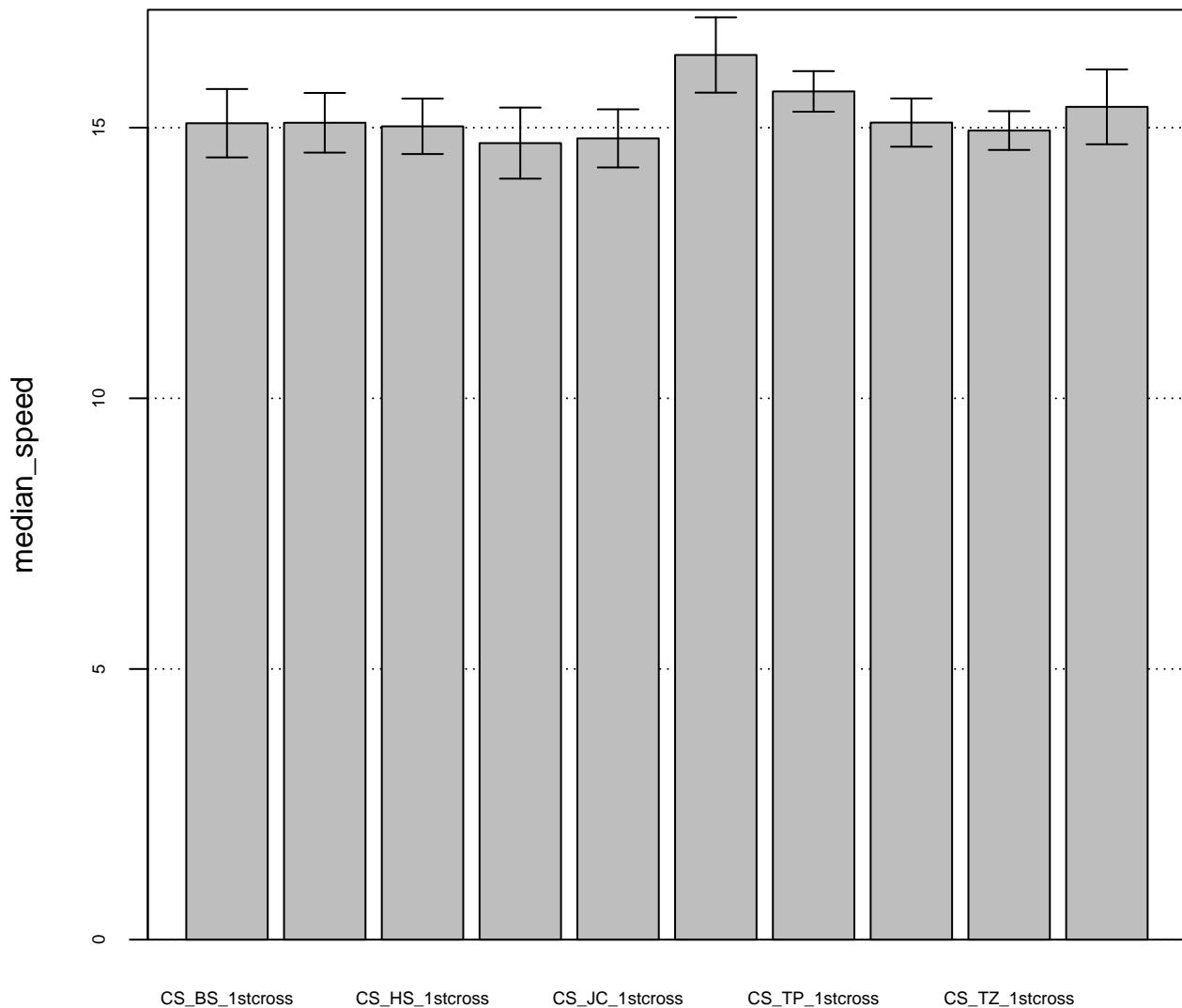
# CS\_TZ\_1stcross



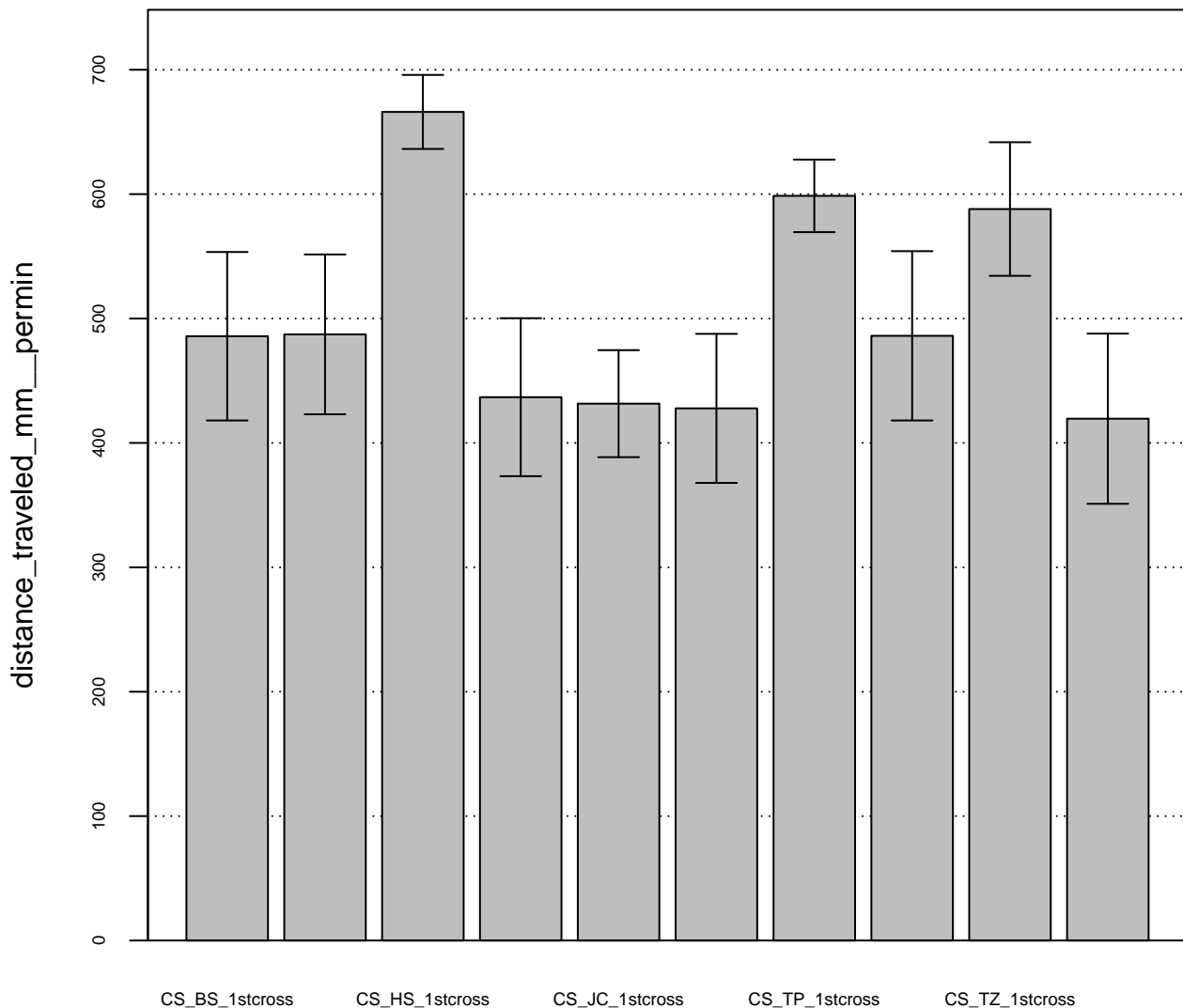
# CS\_TZ\_2ndcross



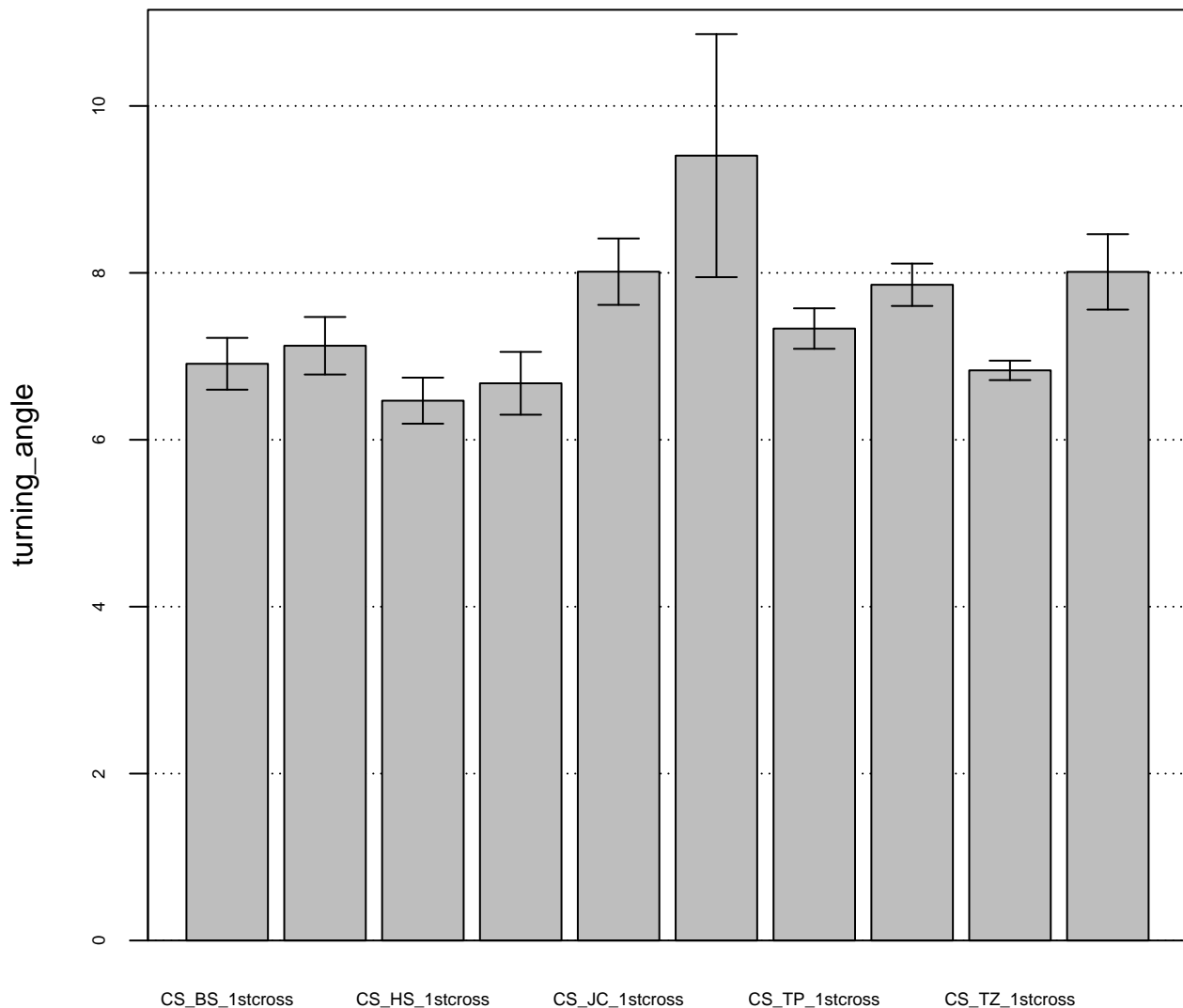
**mean of median\_speed**



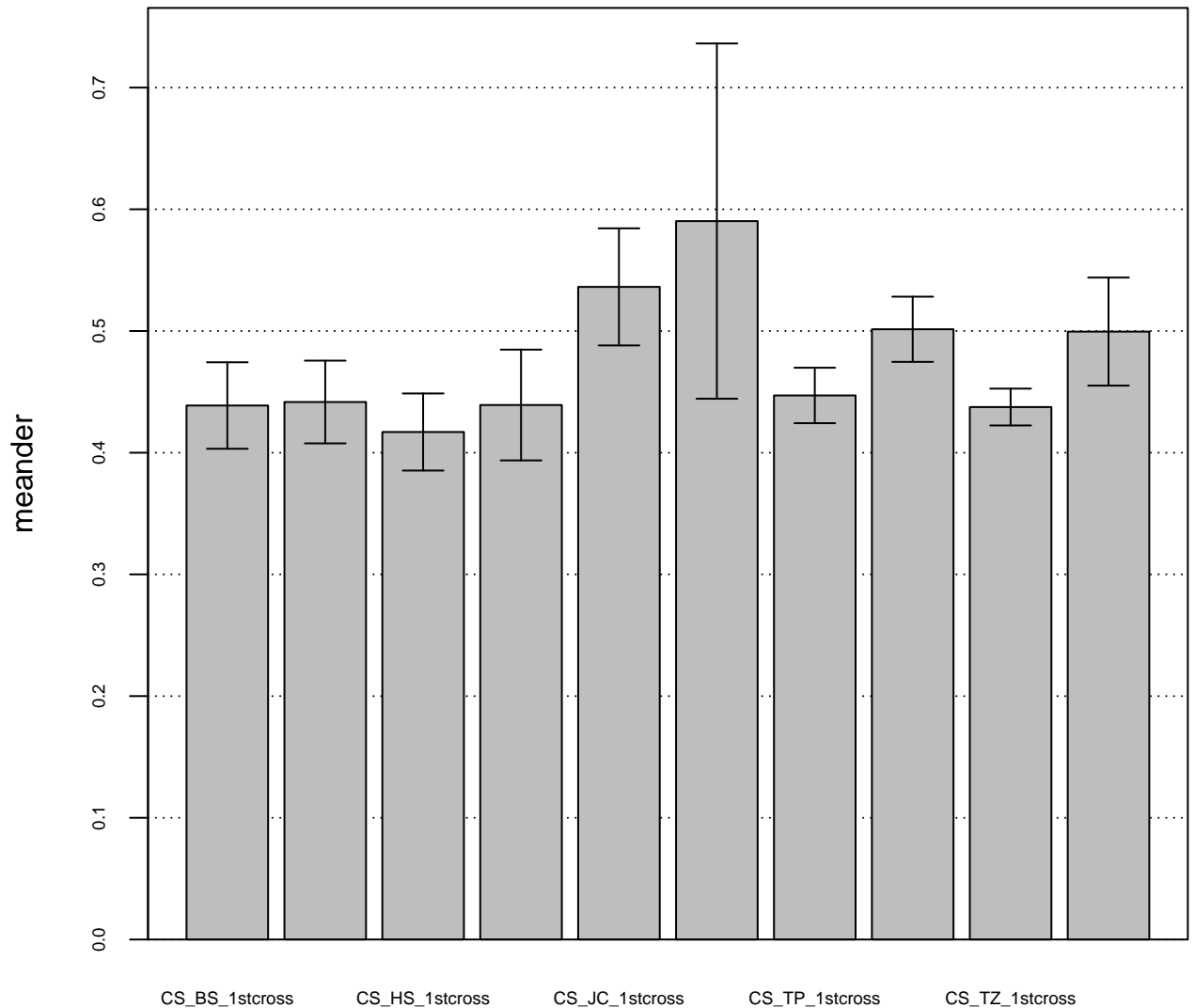
# mean of distance\_traveled\_mm\_permin



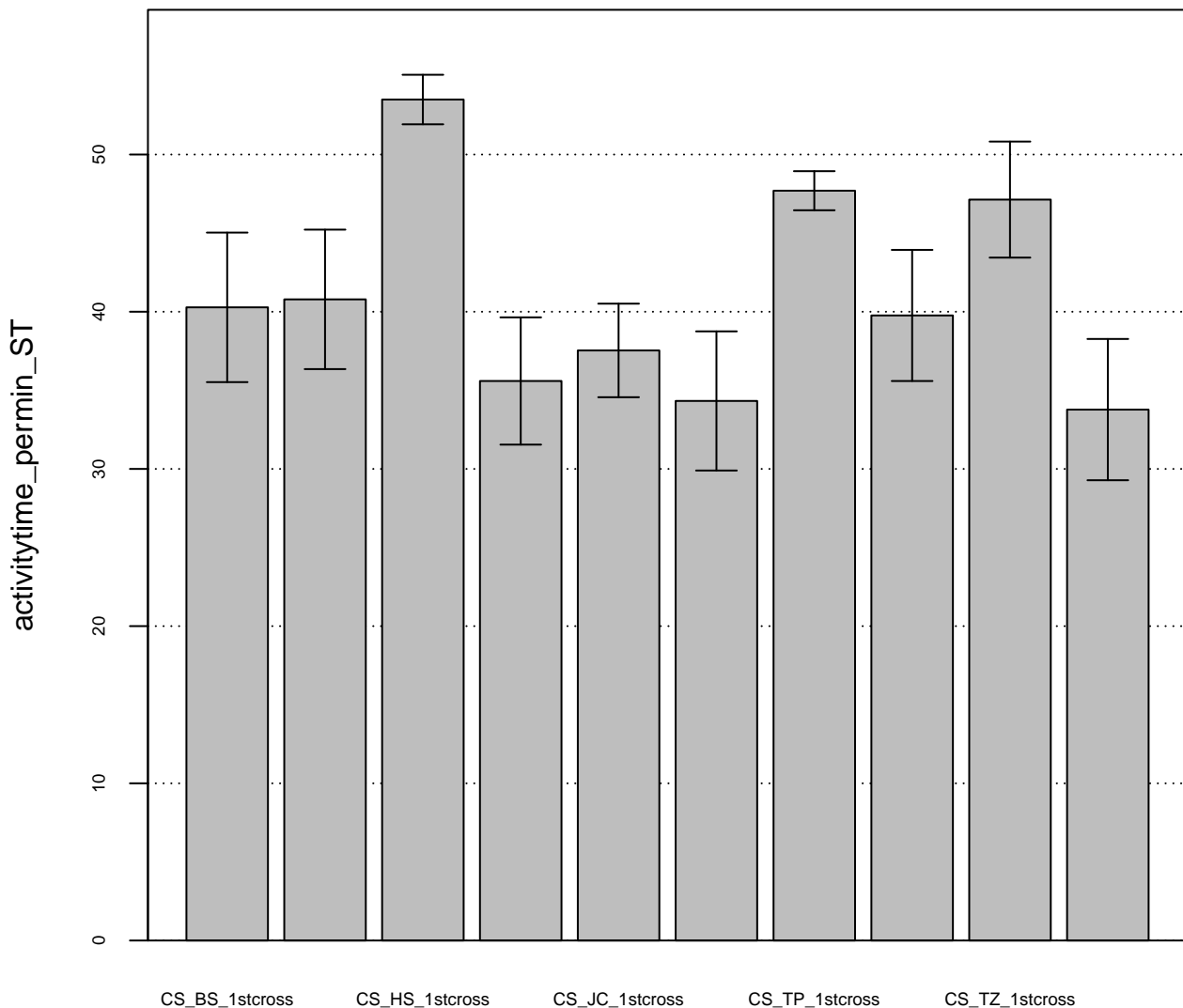
mean of turning\_angle



## mean of meander

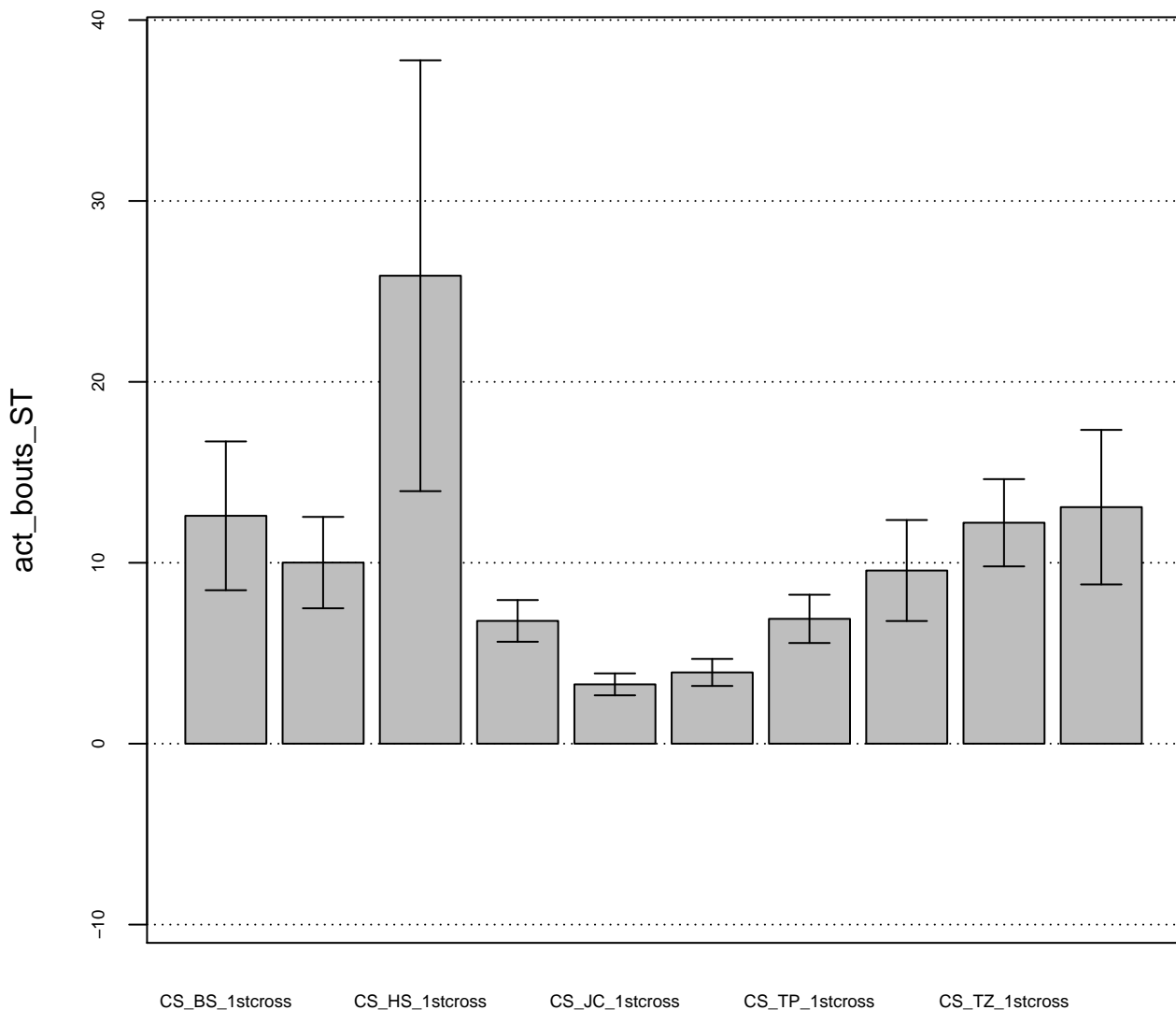


## mean of activitytime\_permin\_ST

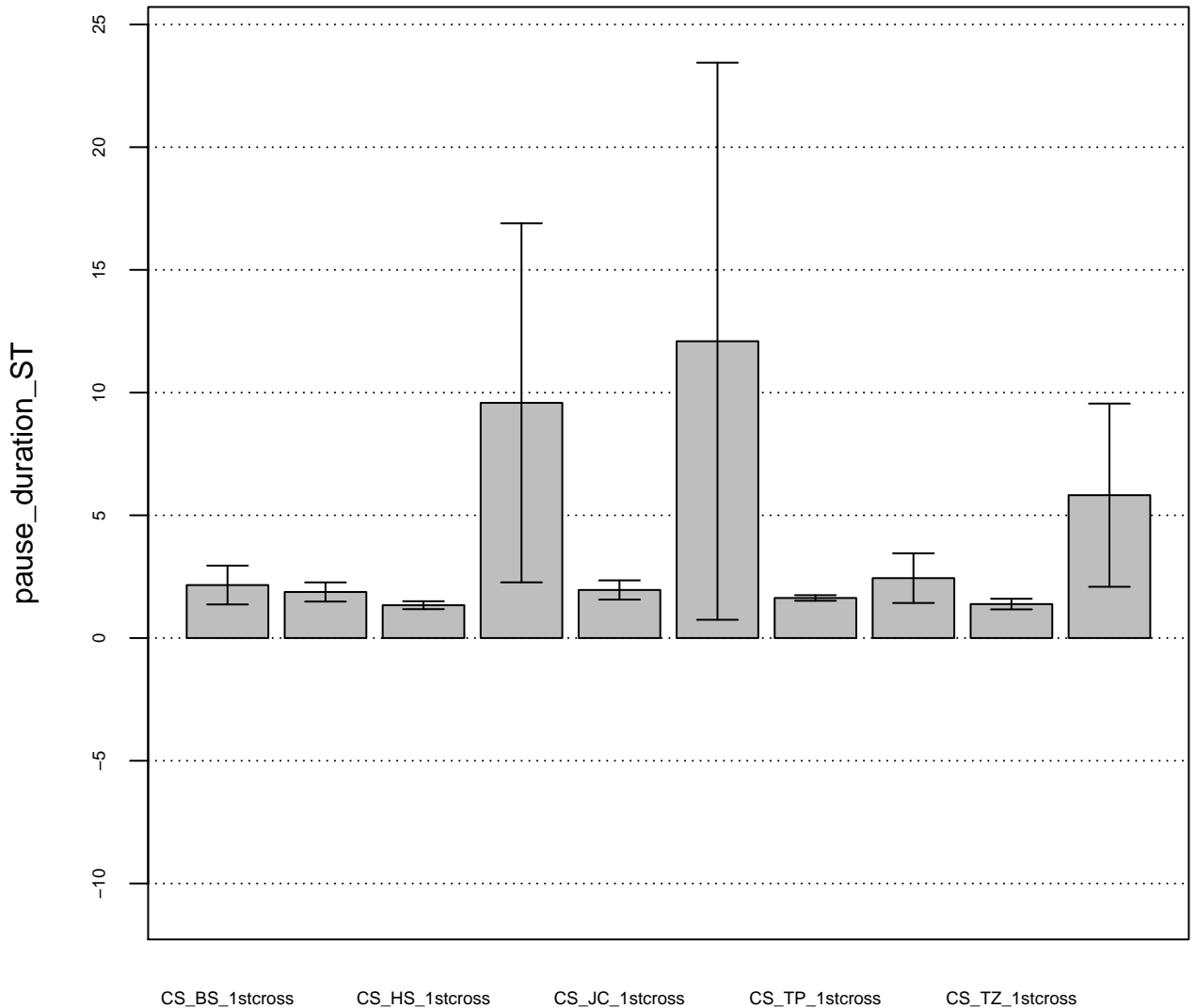




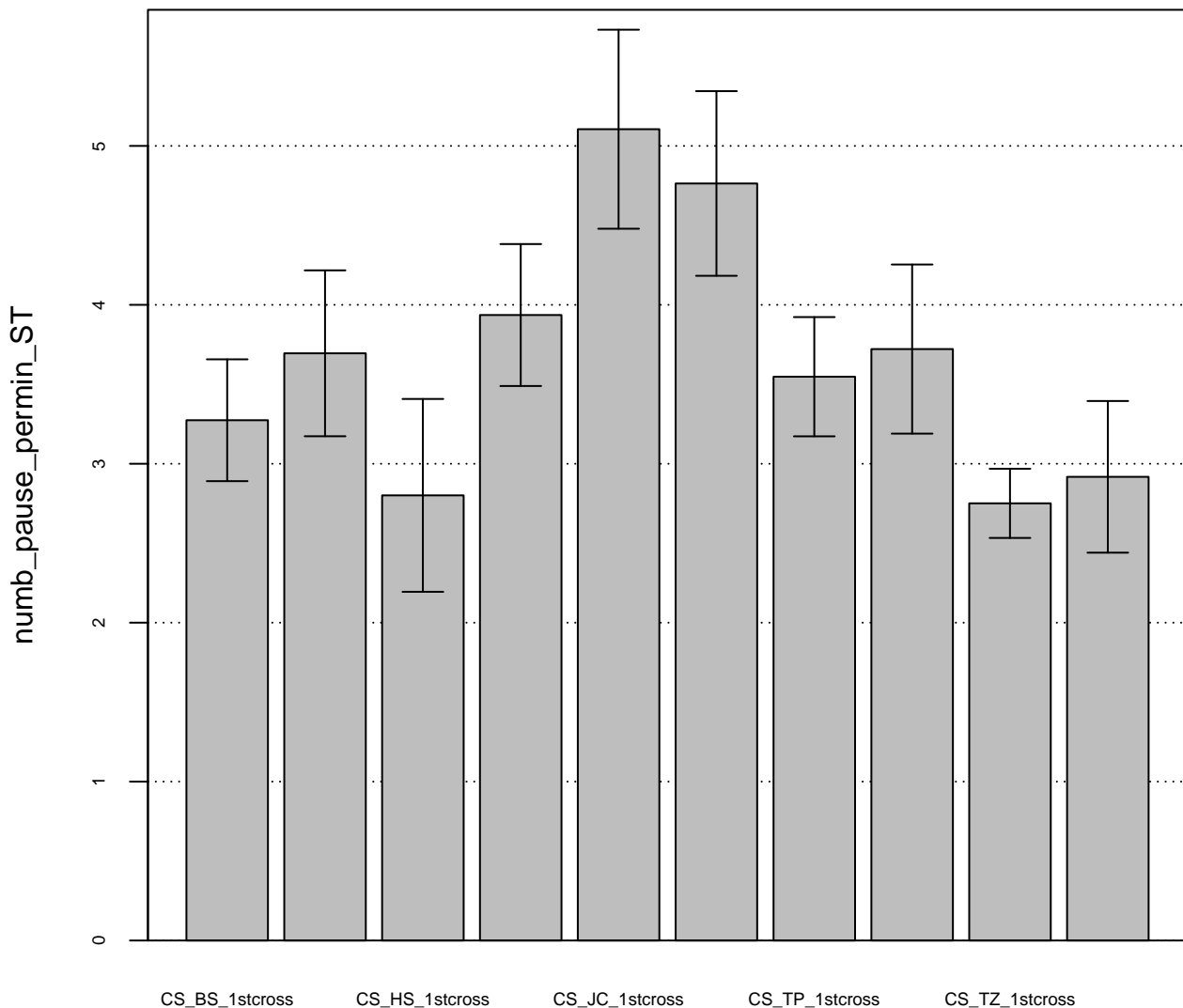
# mean of act\_bouts\_ST



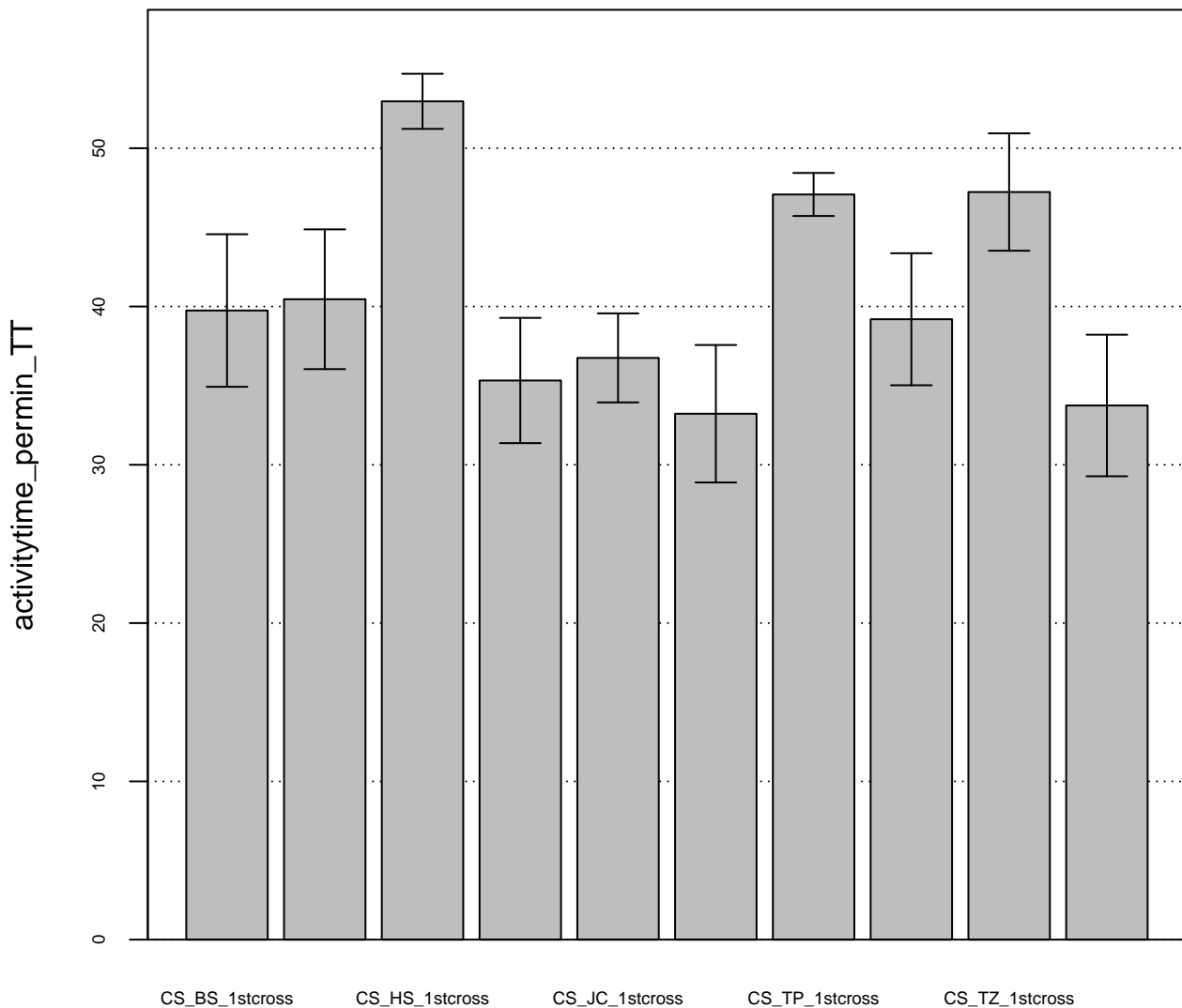
# mean of pause\_duration\_ST



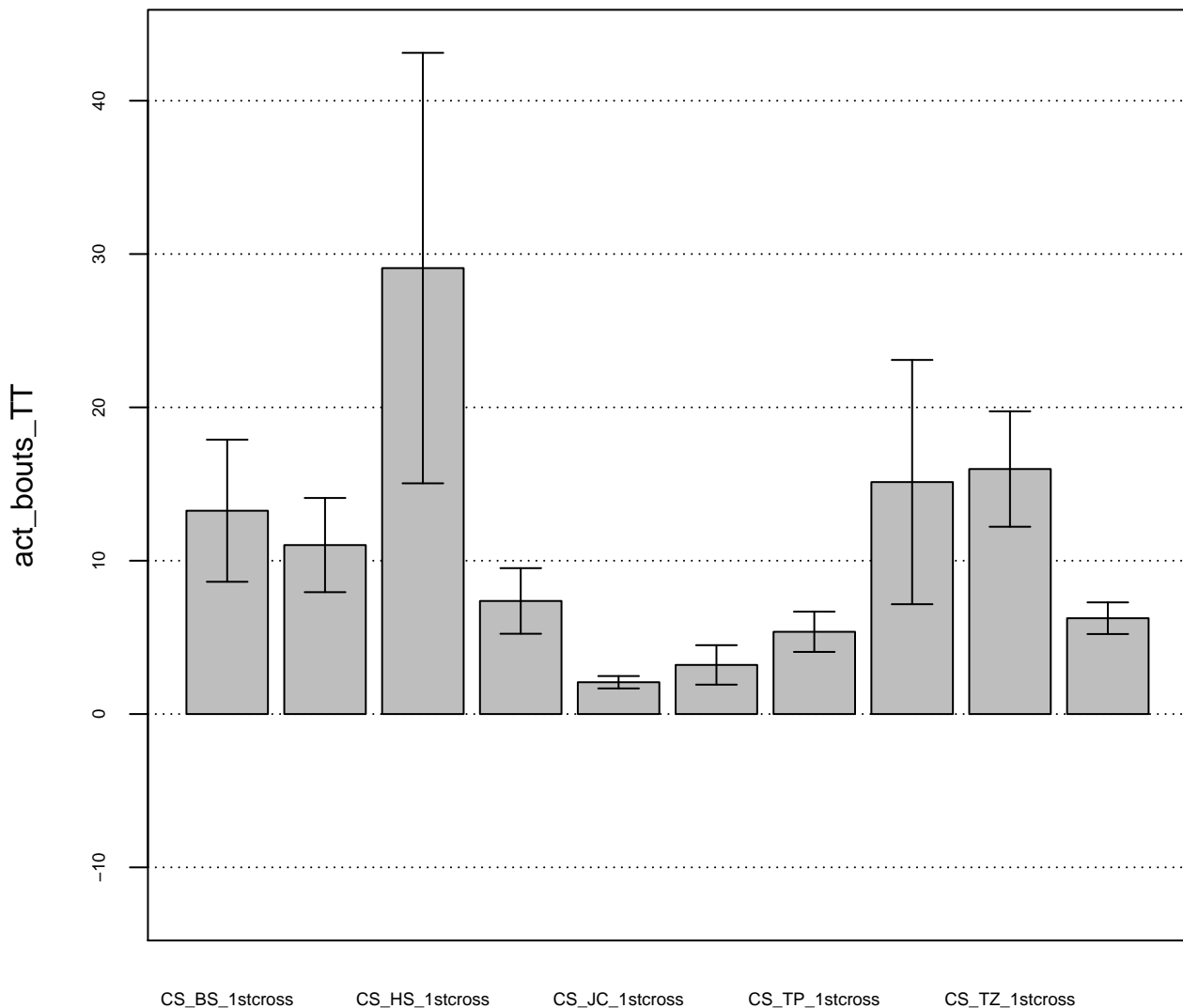
mean of numb\_pause\_permin\_ST



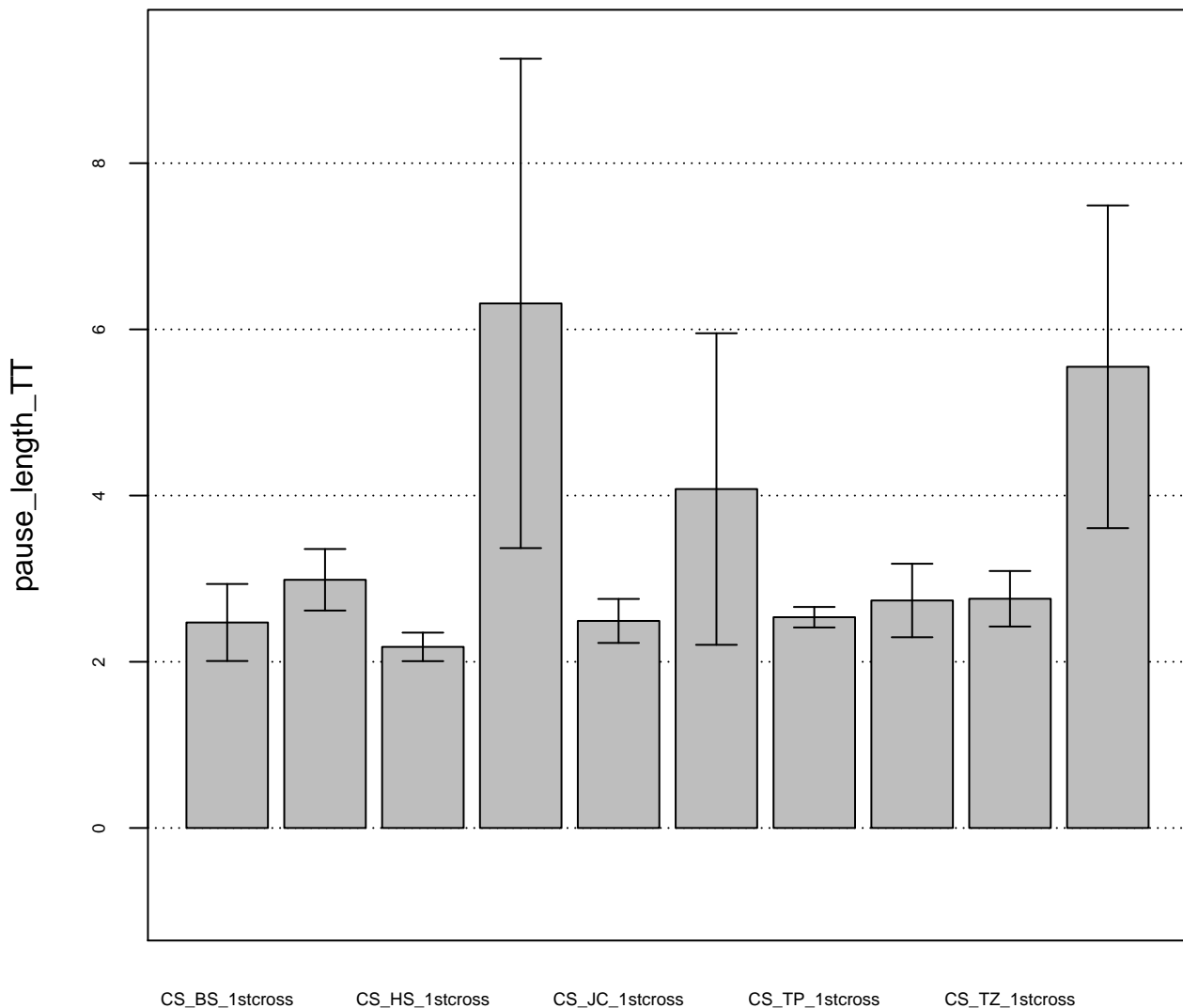
## mean of activitytime\_permin\_TT



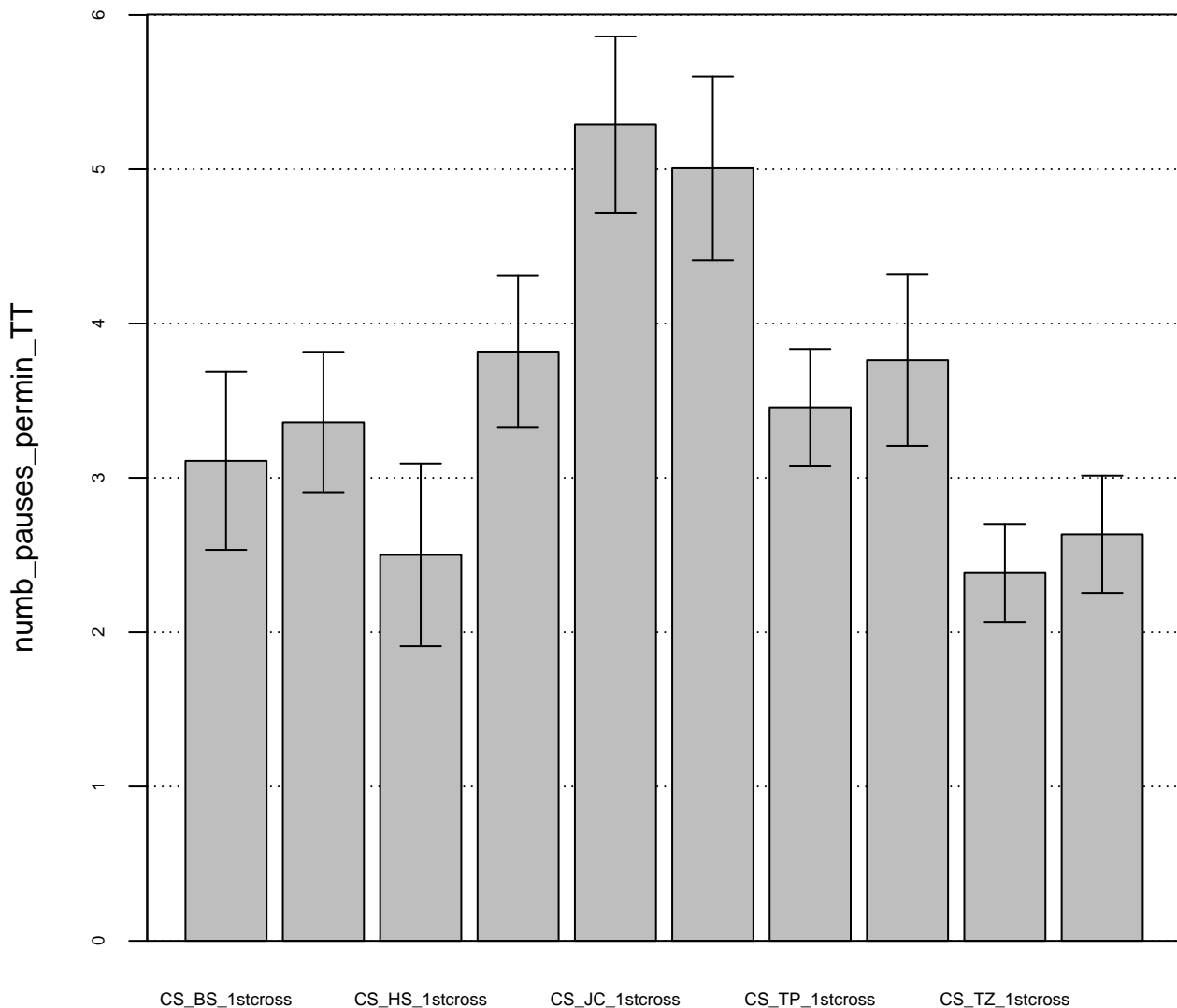
# mean of act\_bouts\_TT



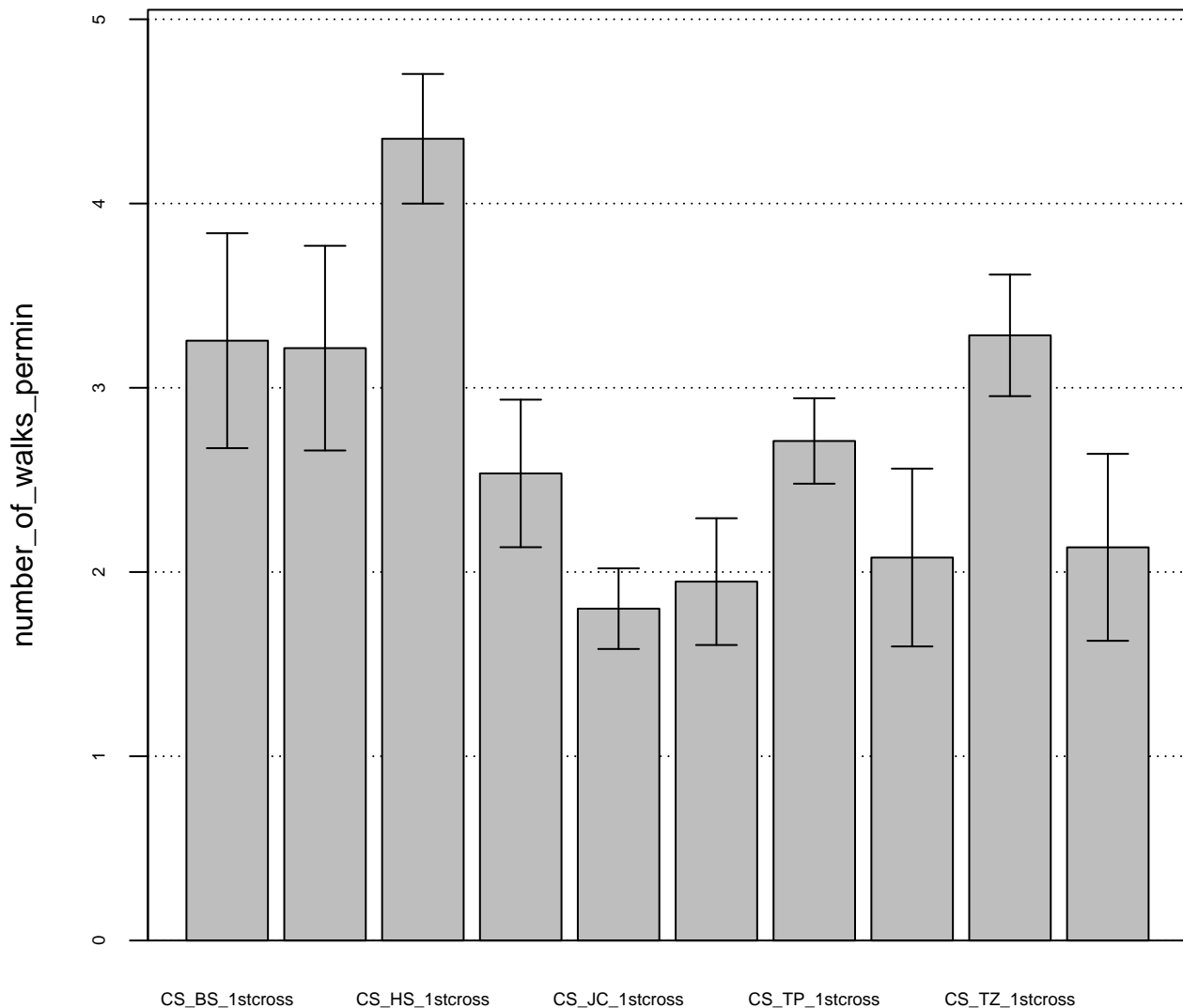
mean of pause\_length\_TT



mean of numb\_pauses\_permin\_TT

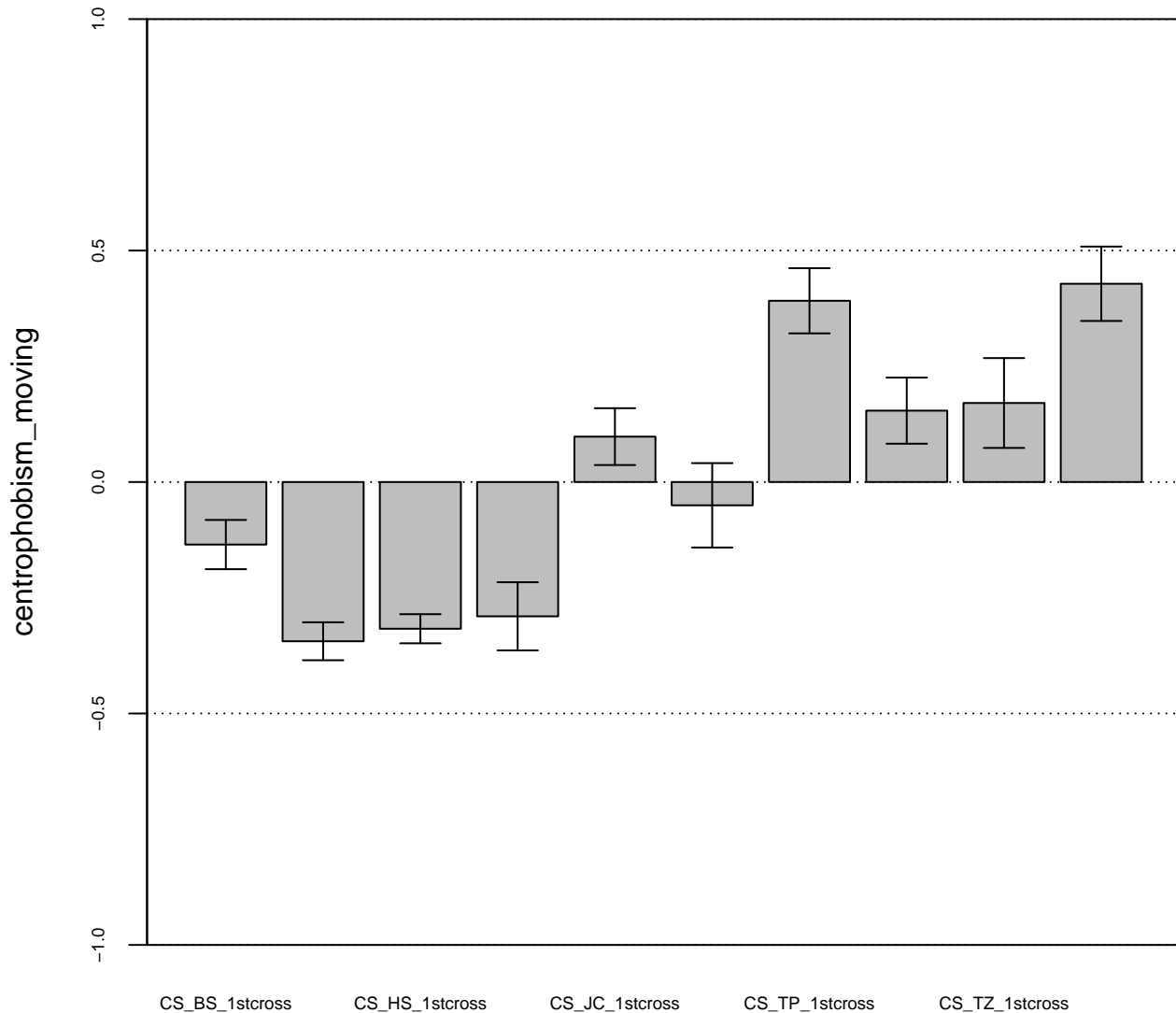


mean of number\_of\_walks\_permin

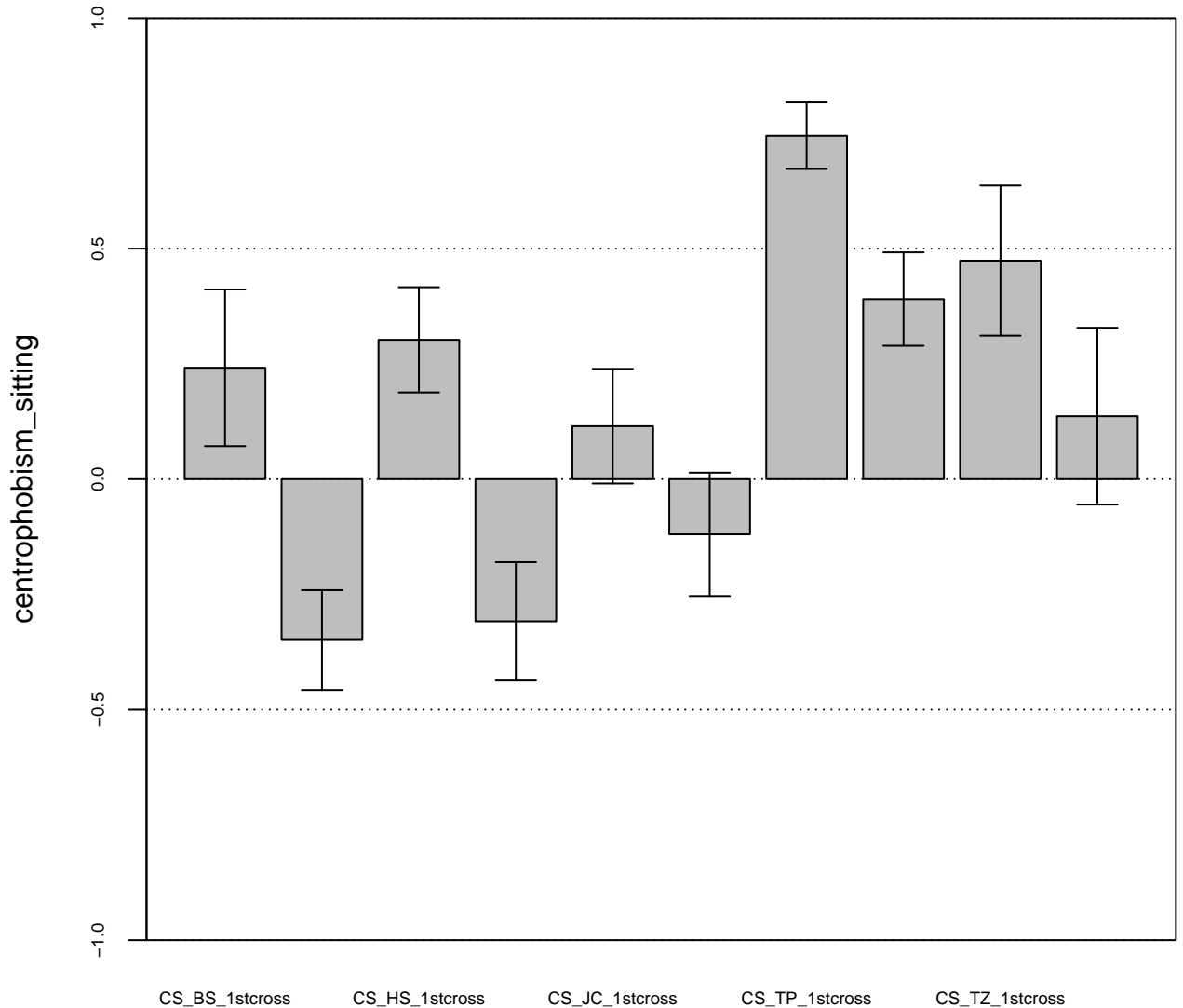




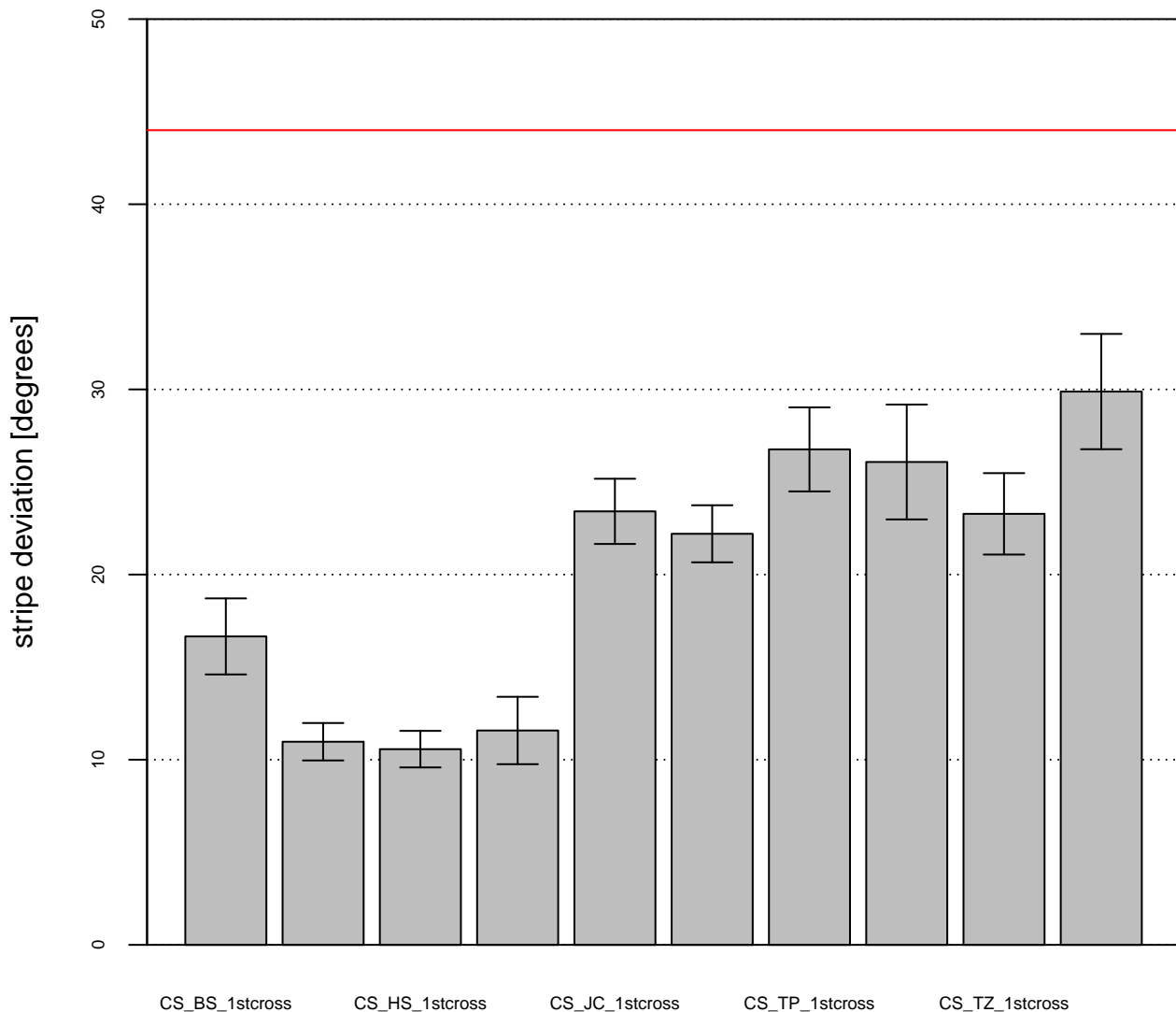
## mean of centrophobism\_moving



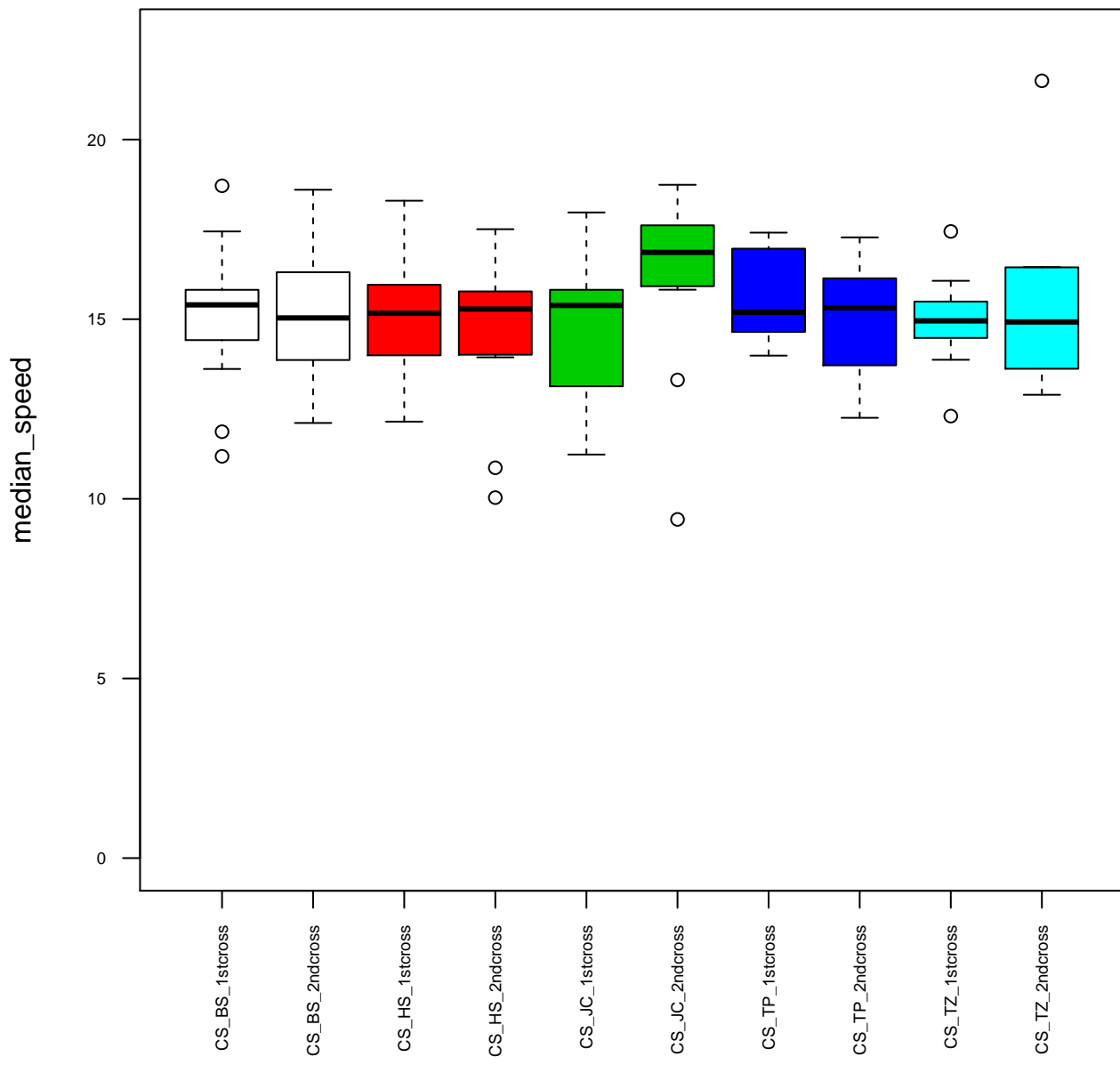
# mean of centrophobism\_sitting



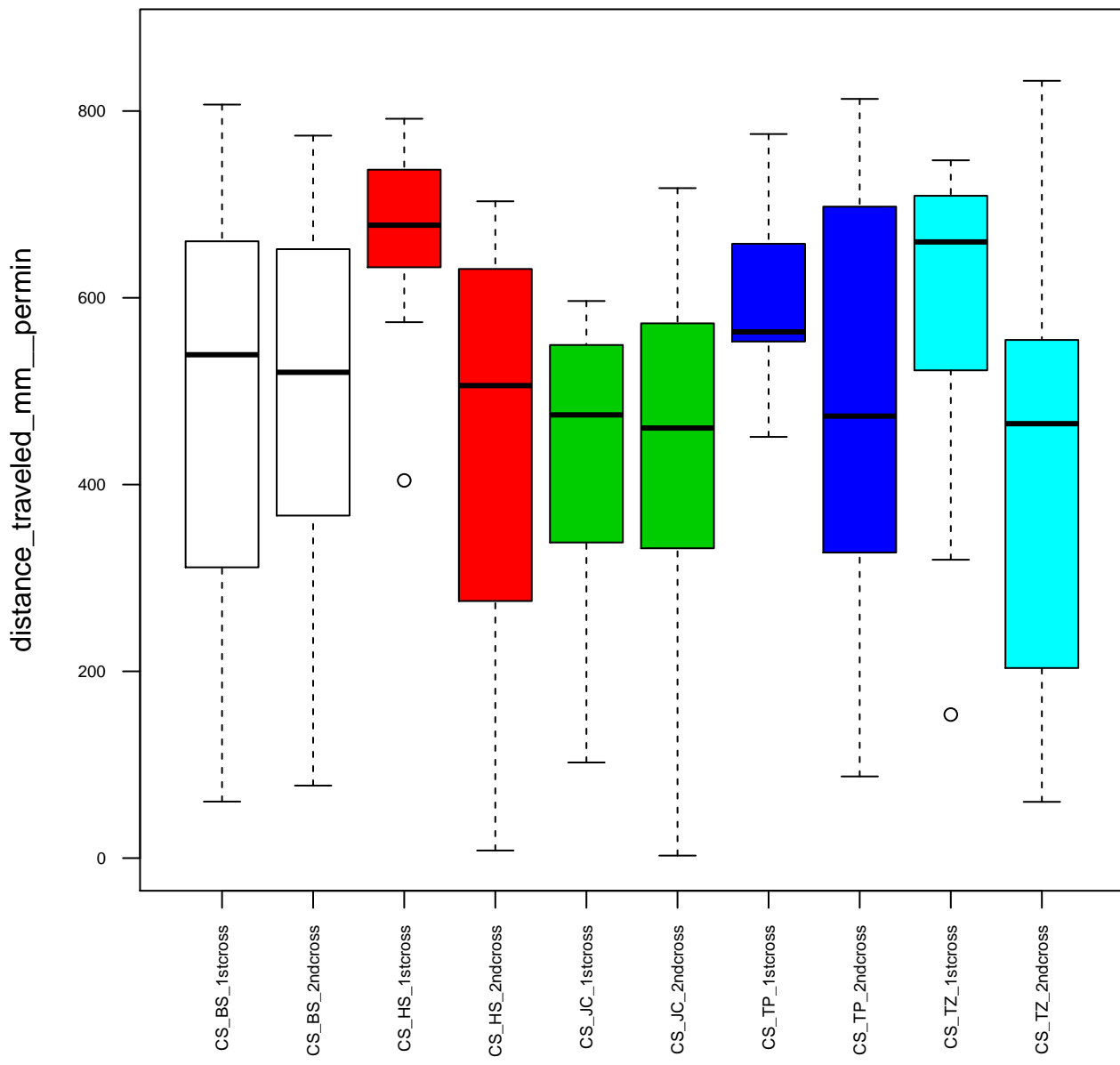
# mean of stripe\_deviation



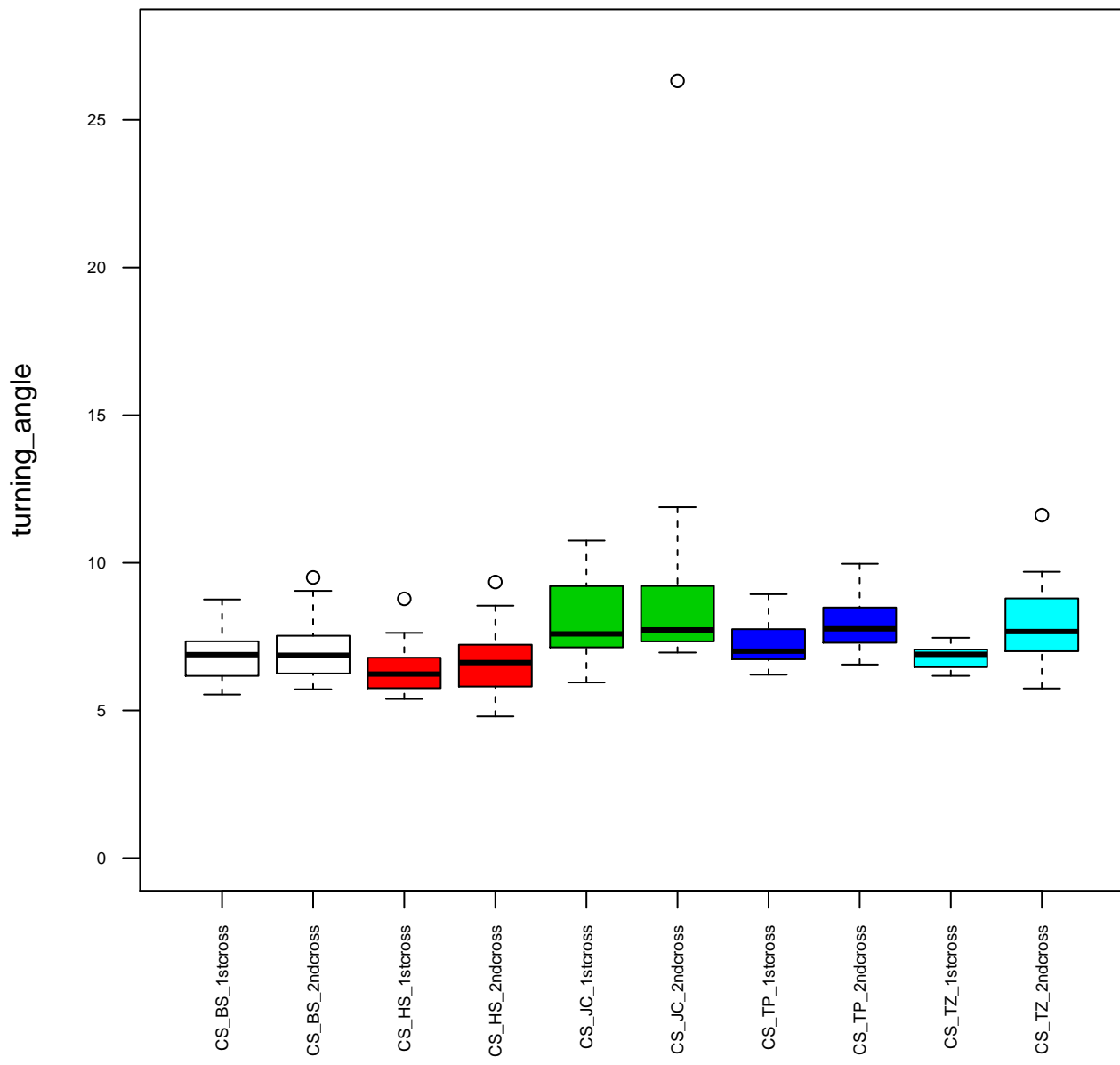
median\_speed



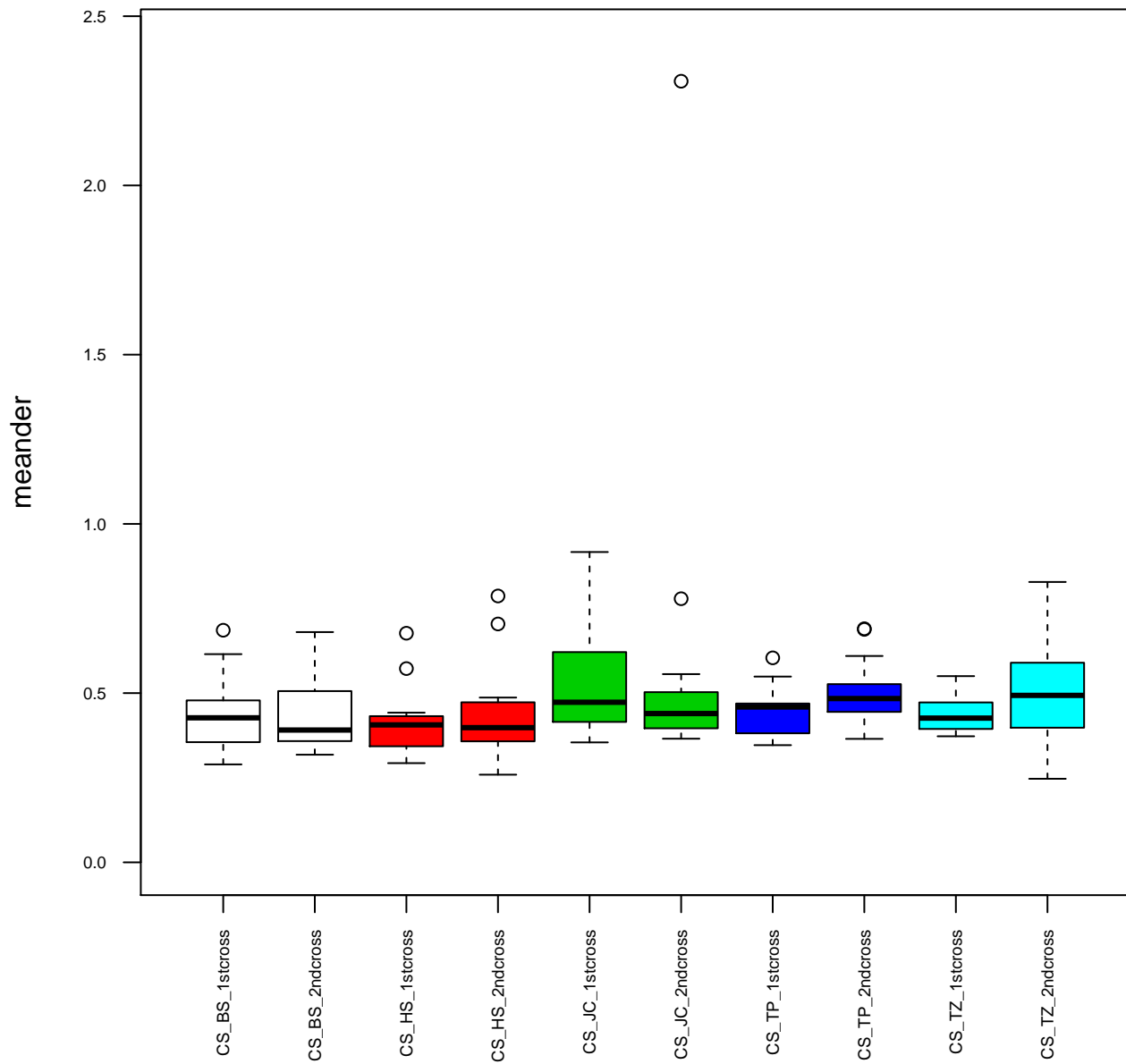
distance\_traveled\_mm\_permin



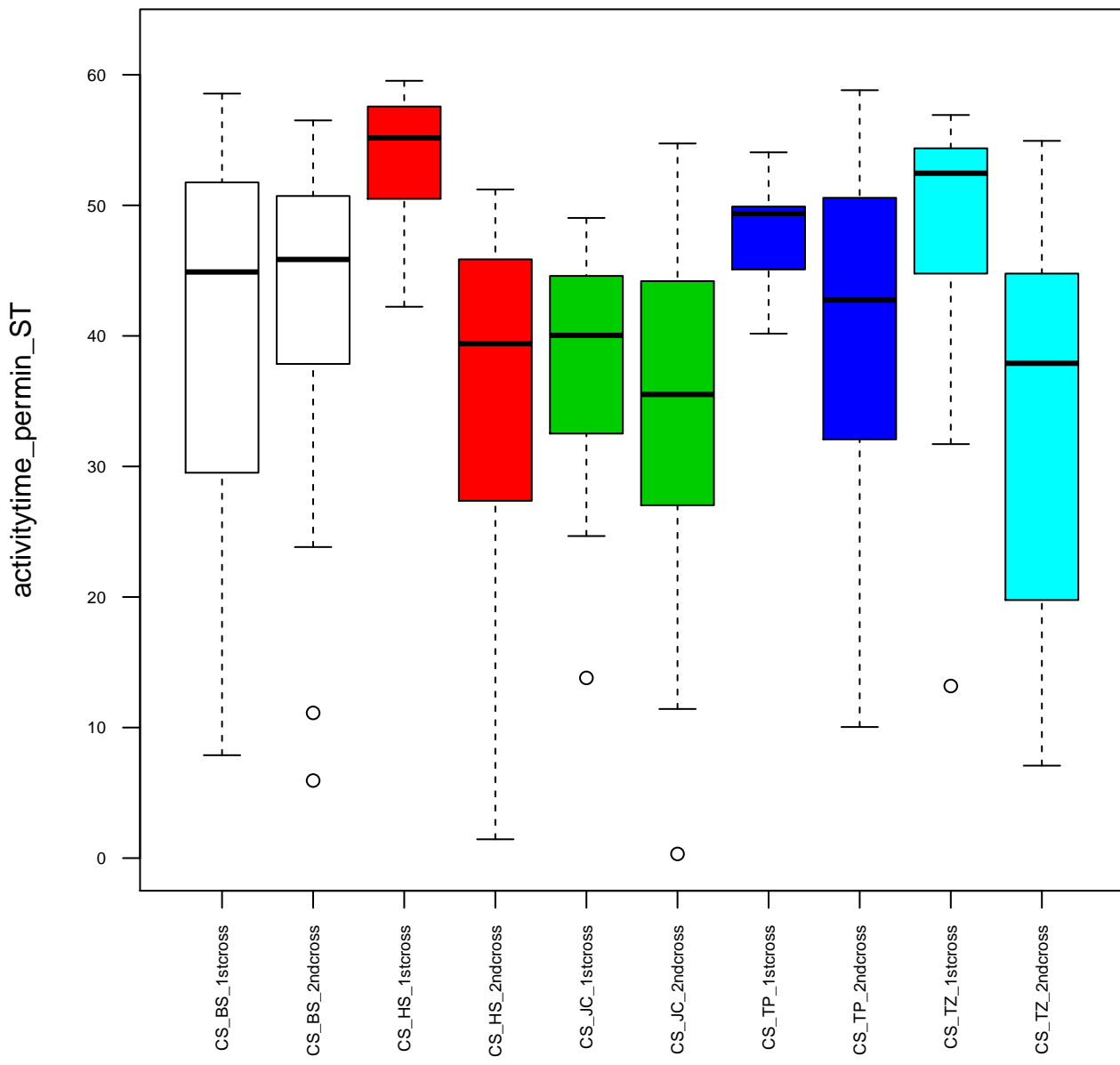
# turning\_angle



# meander

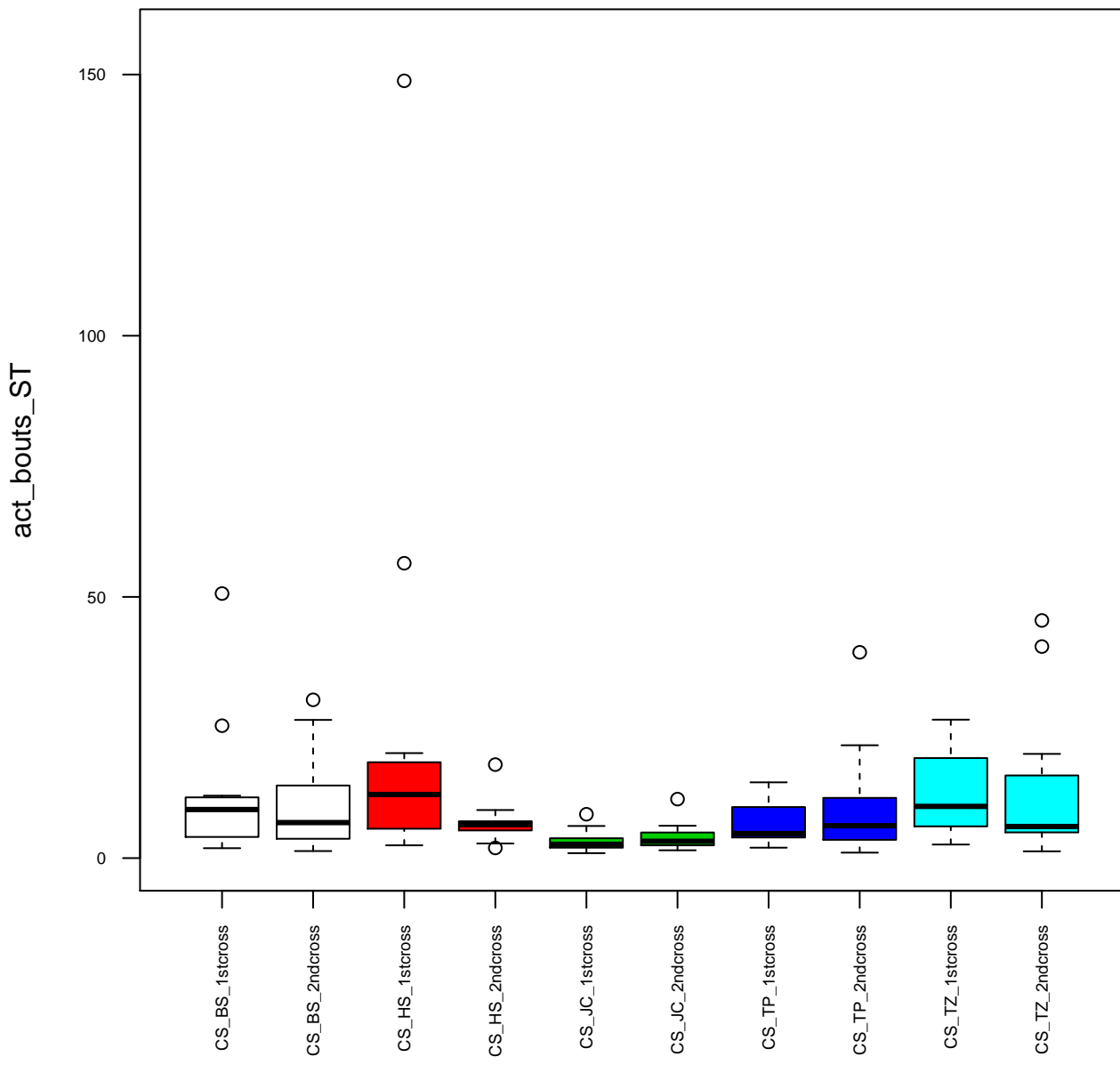


# activitytime\_permin\_ST

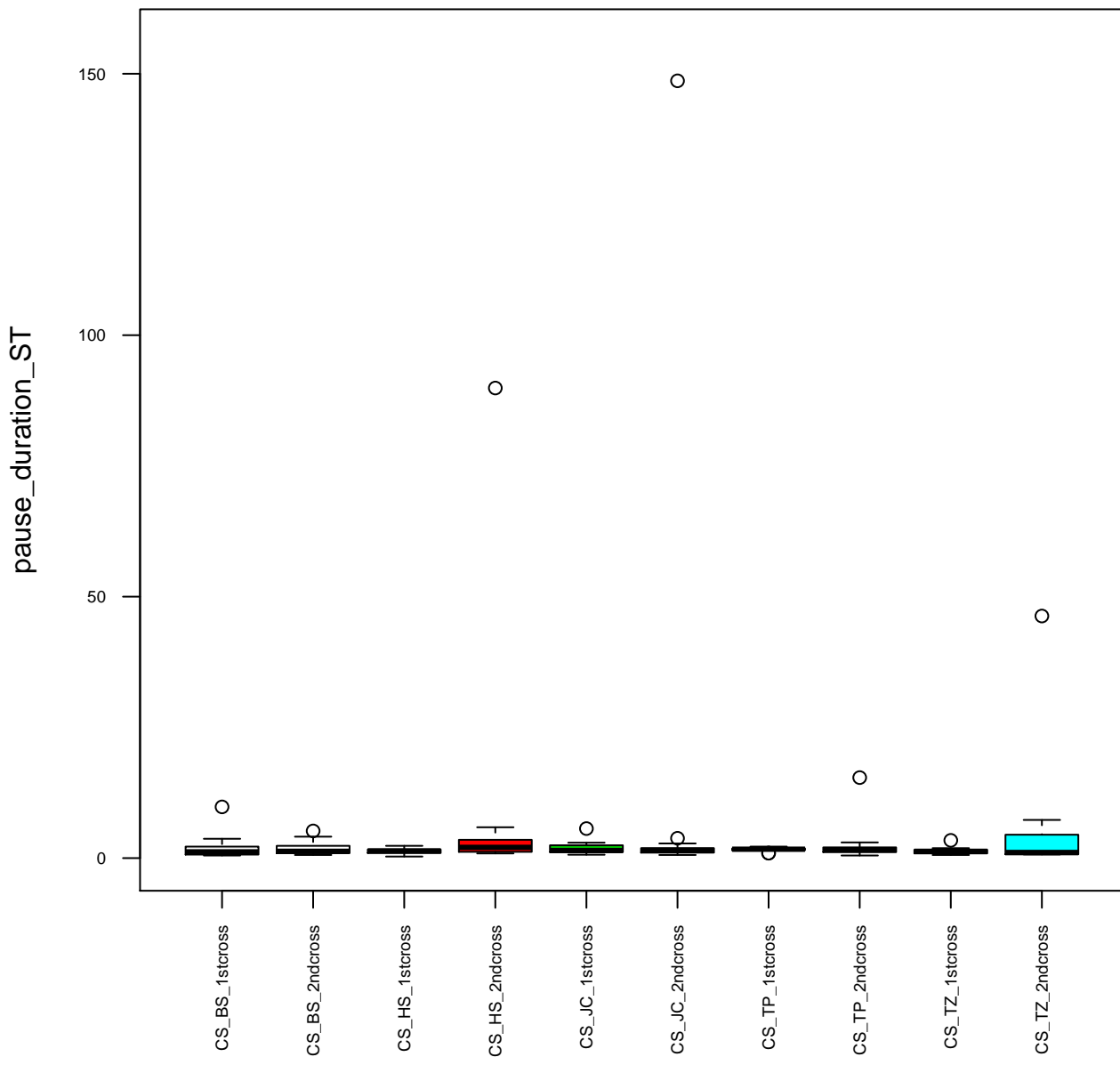




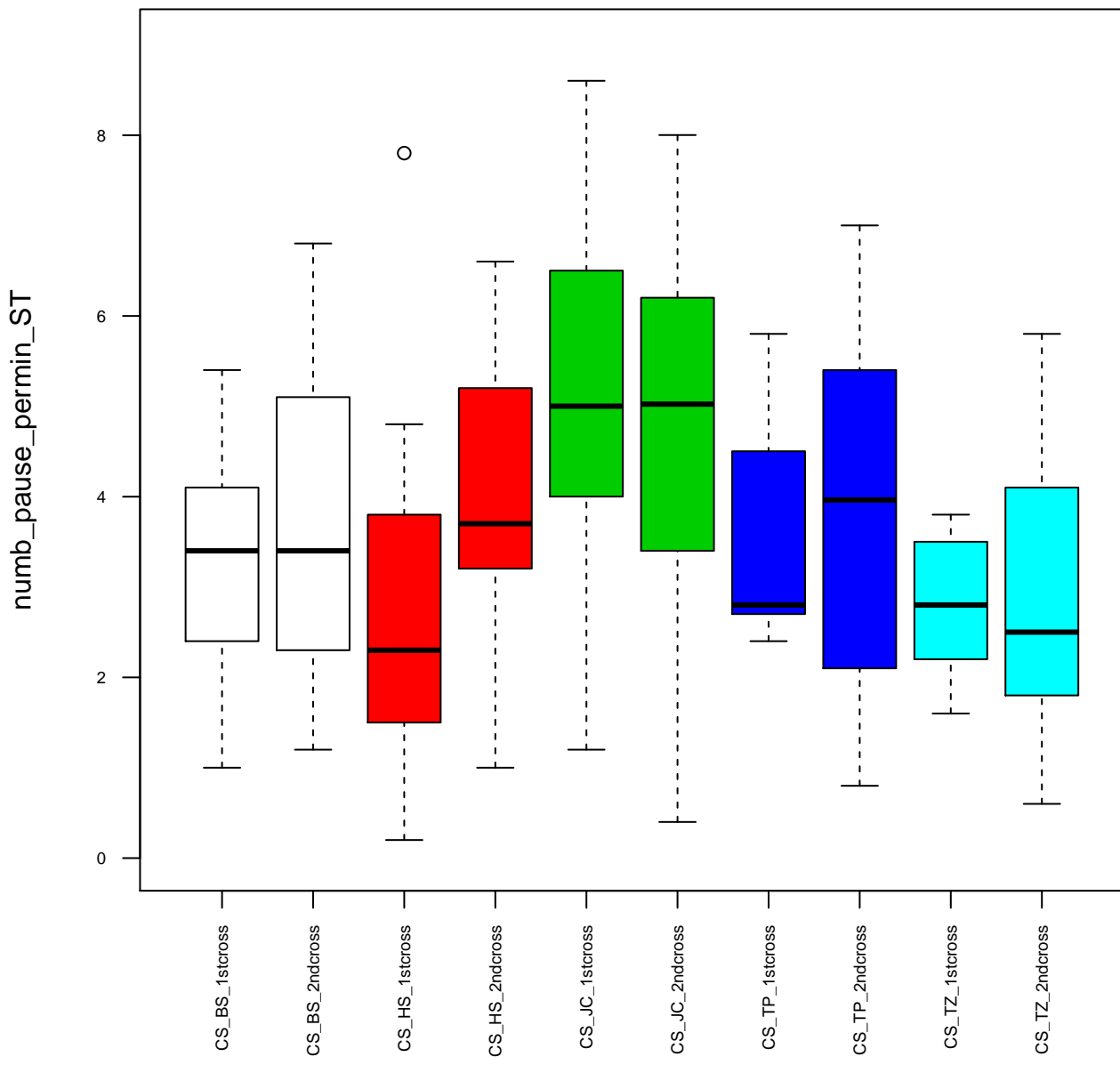
# act\_bouts\_ST



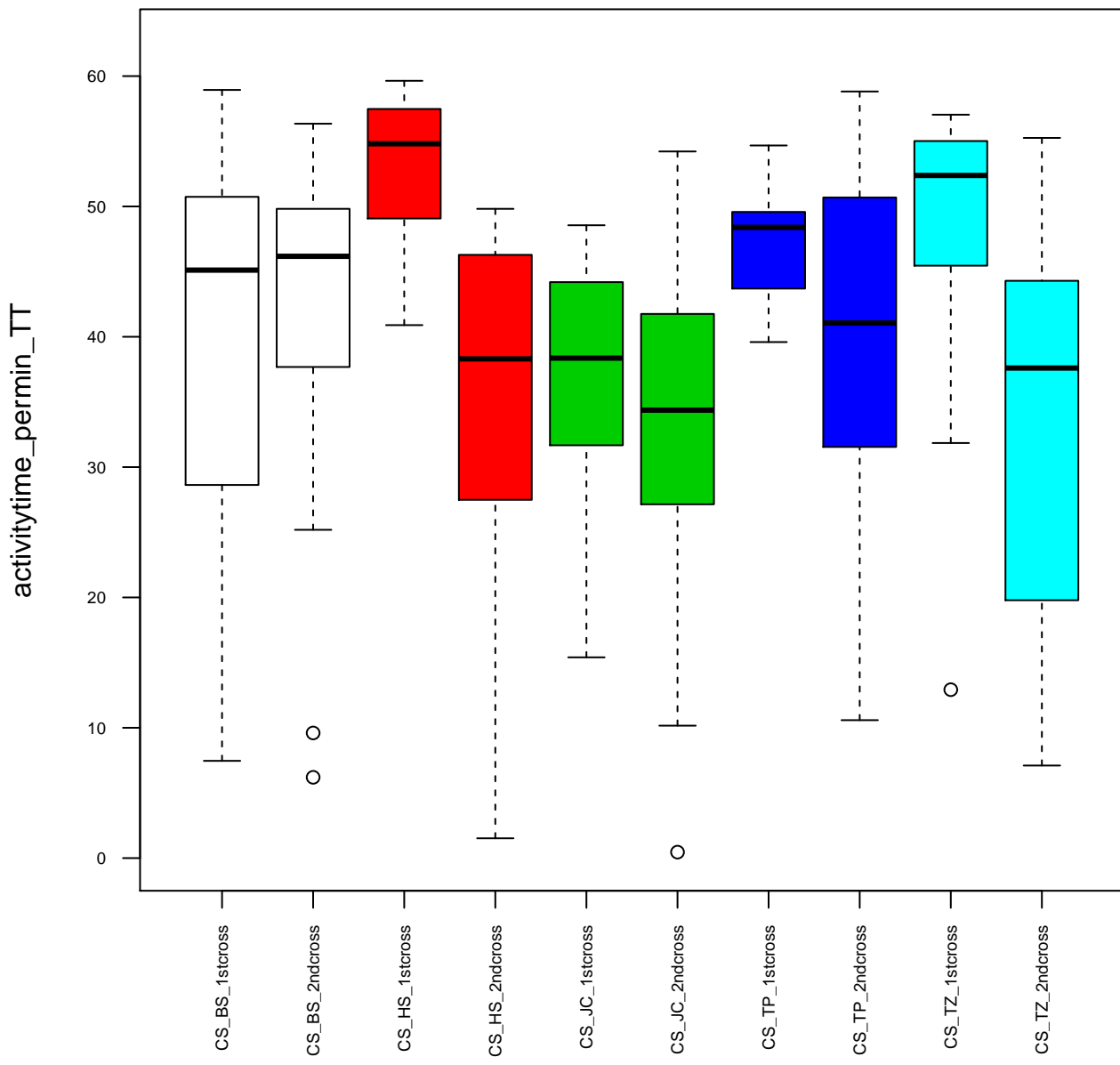
# pause\_duration\_ST



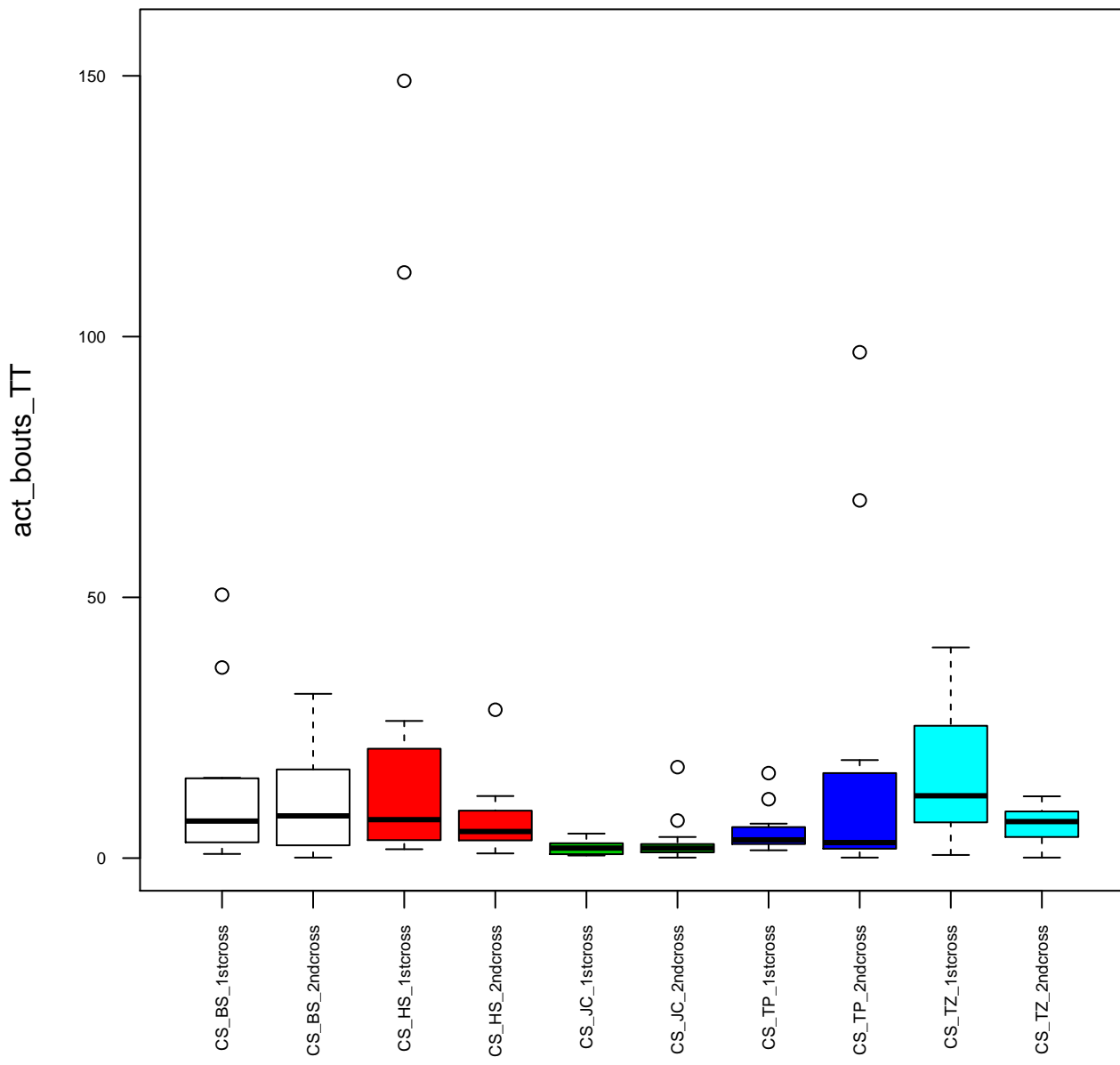
numb\_pause\_permin\_ST



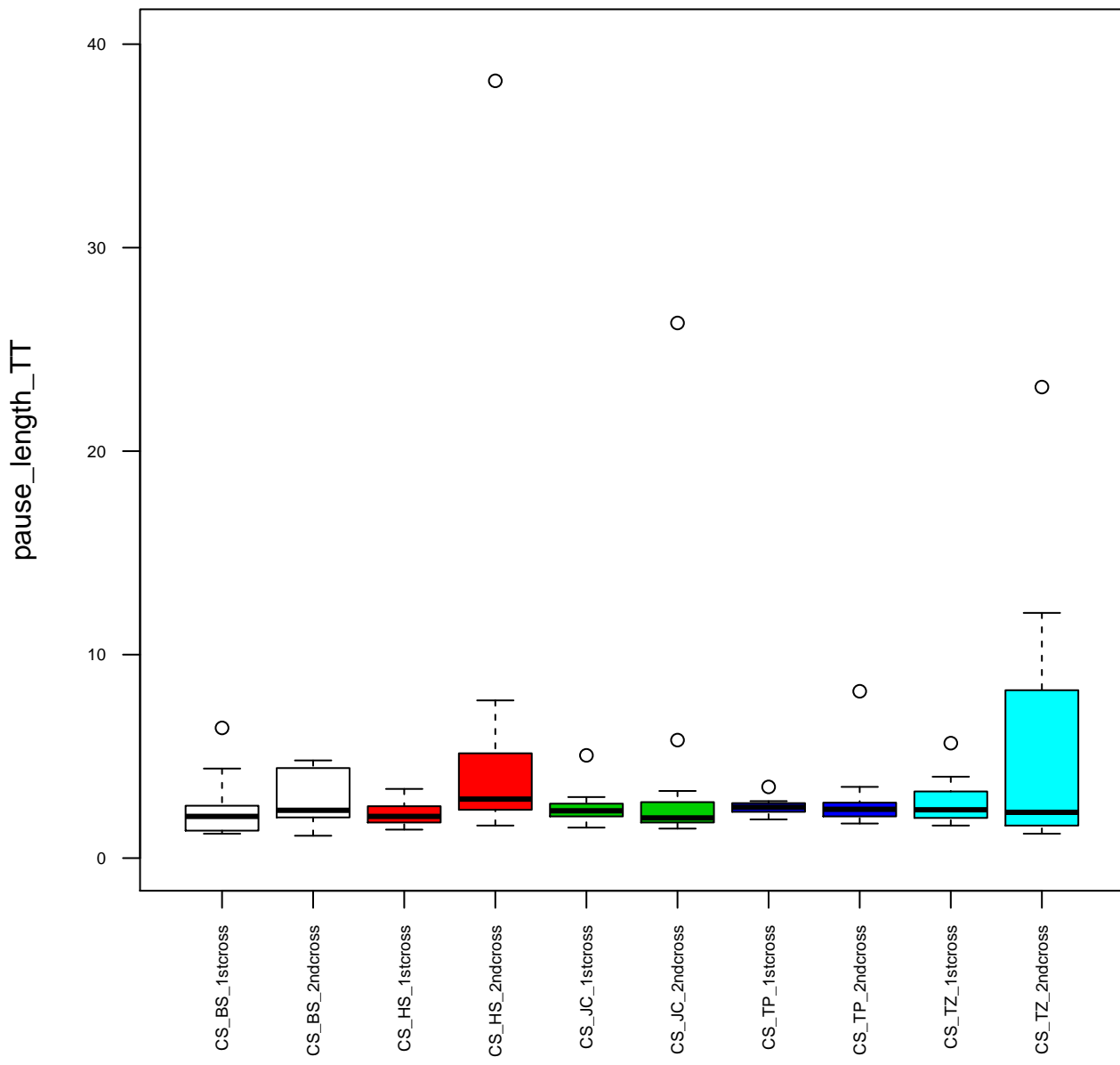
# activitytime\_permin\_TT



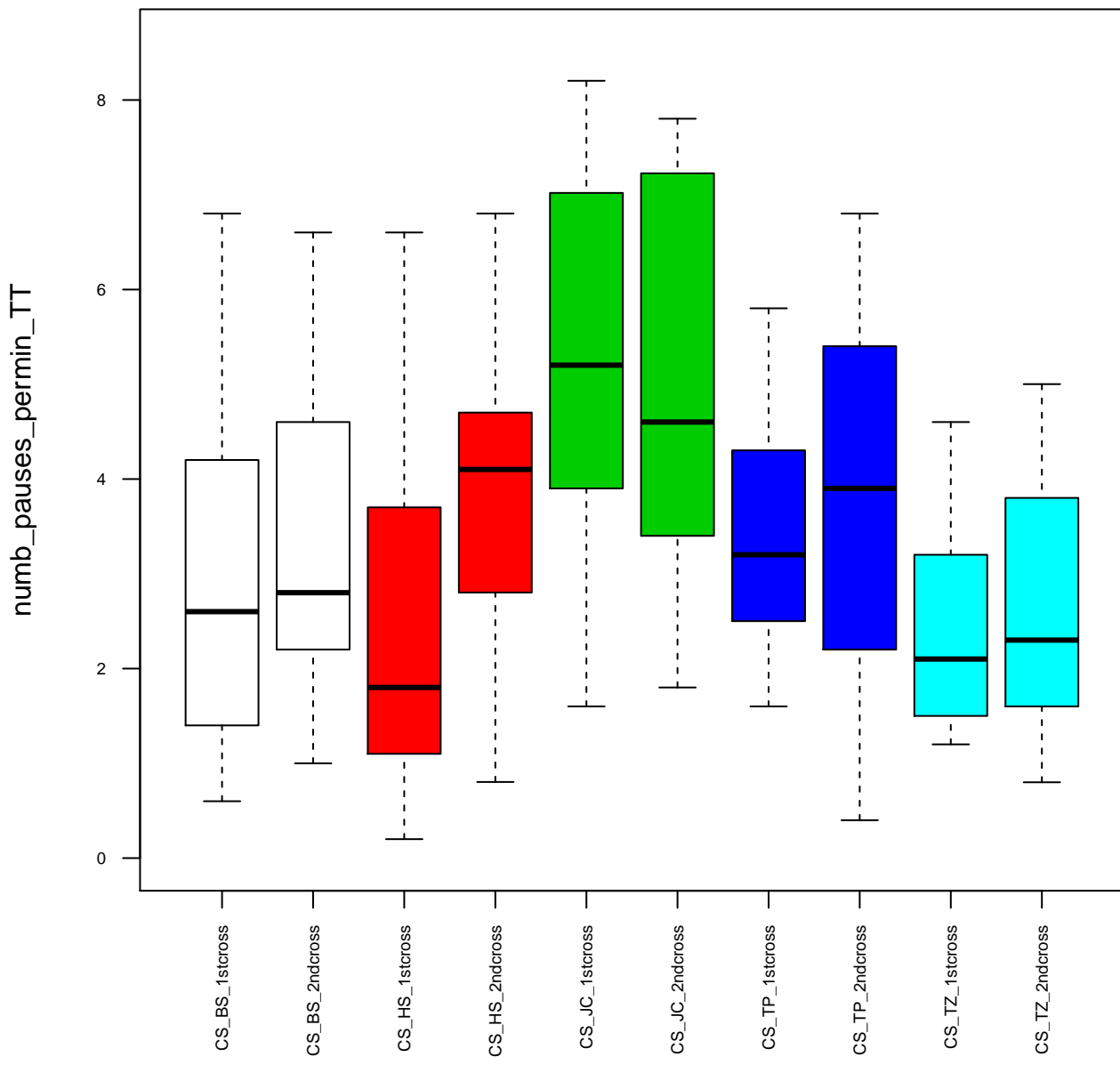
# act\_bouts\_TT



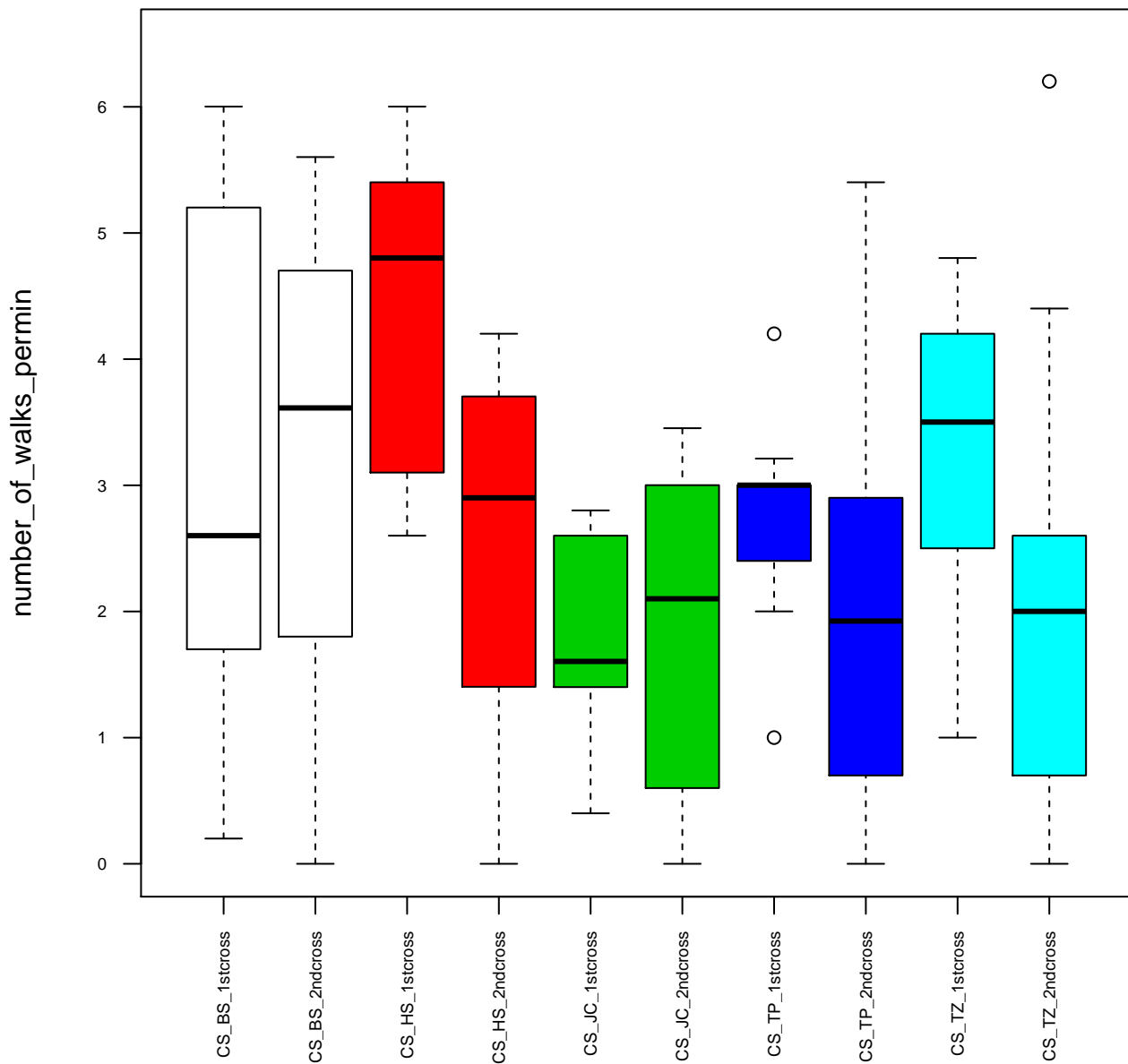
# pause\_length\_TT



numb\_pauses\_permin\_TT

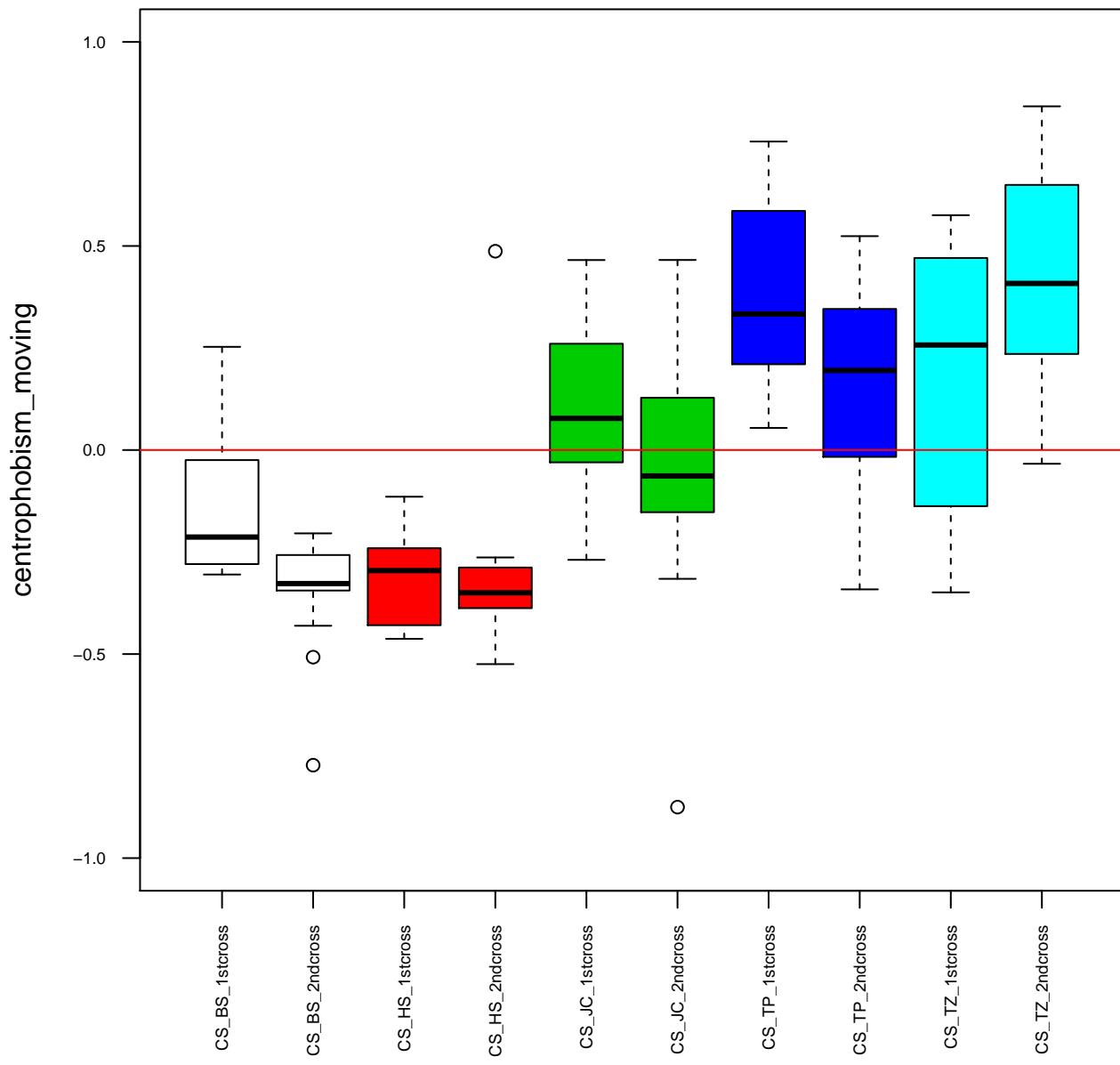


number\_of\_walks\_permin

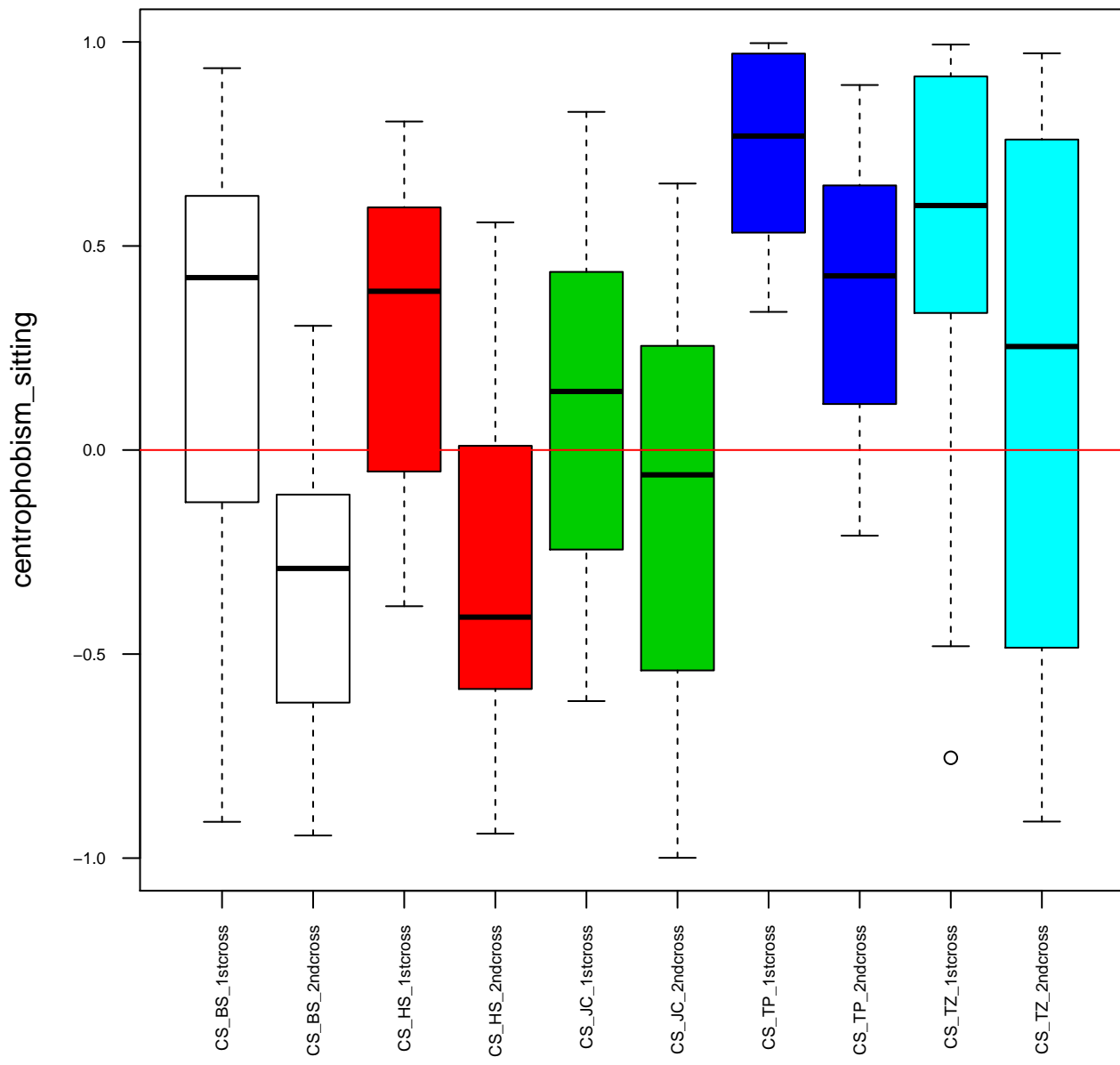




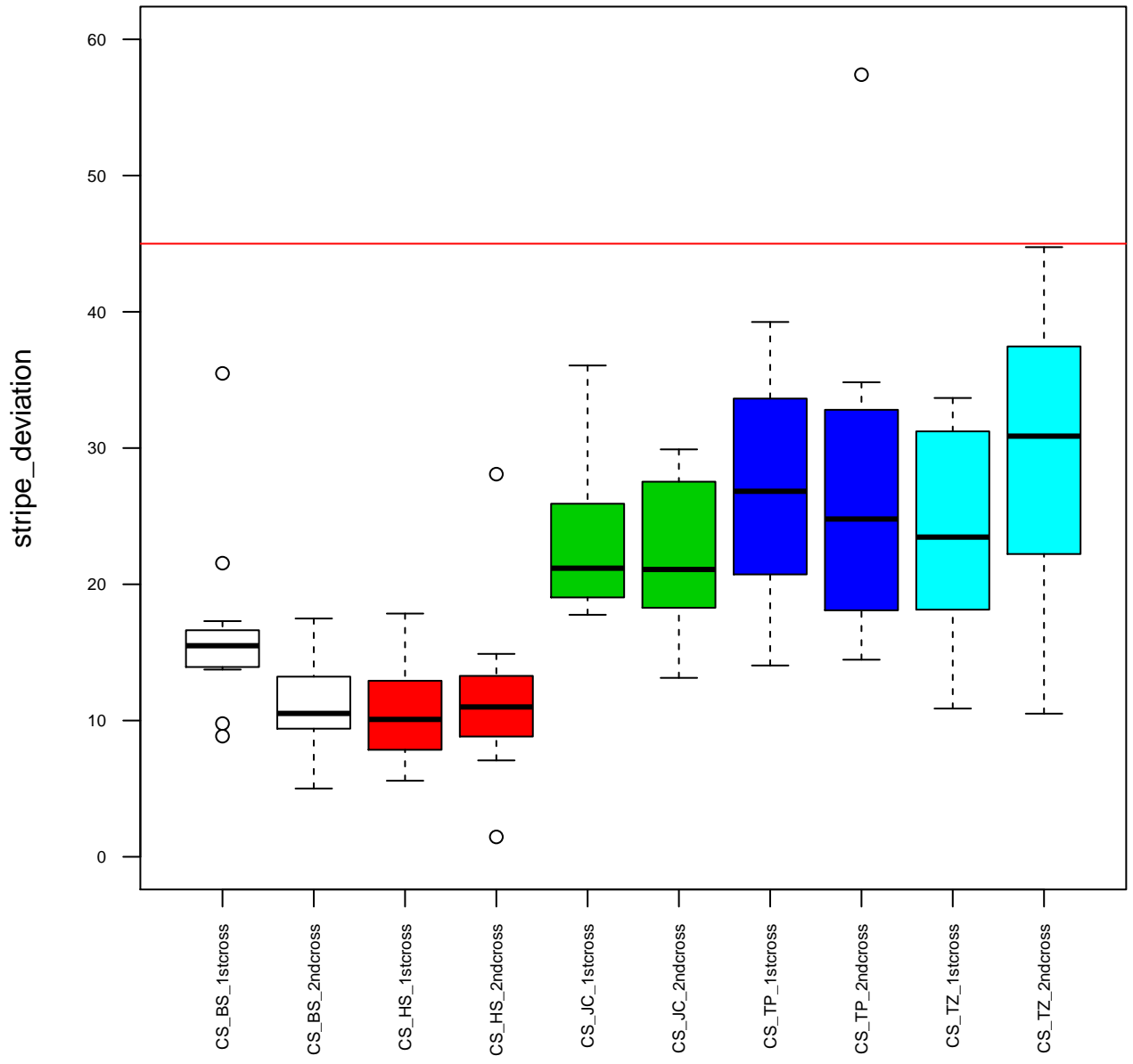
# centrophobism\_moving



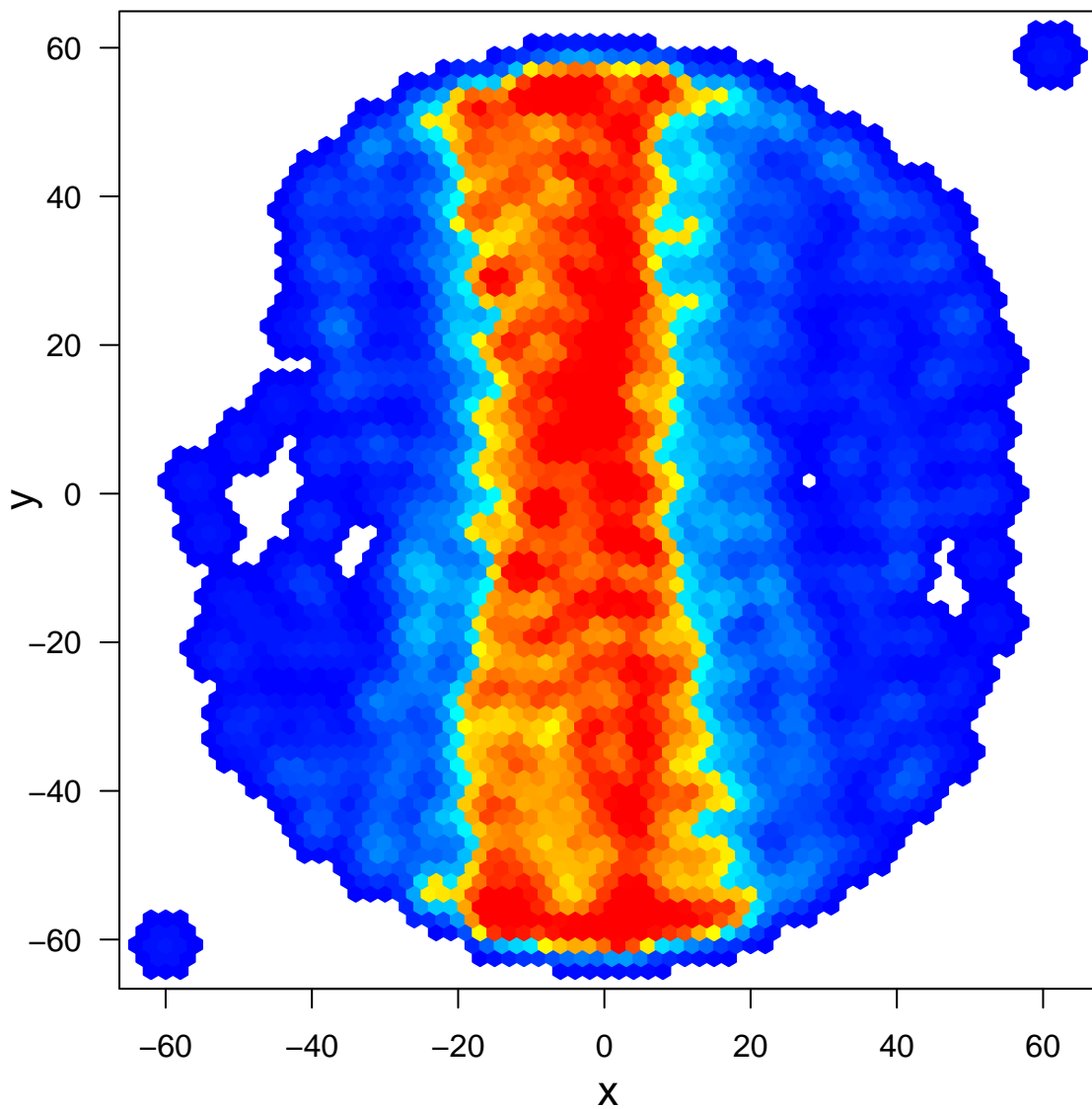
# centrophobism\_sitting



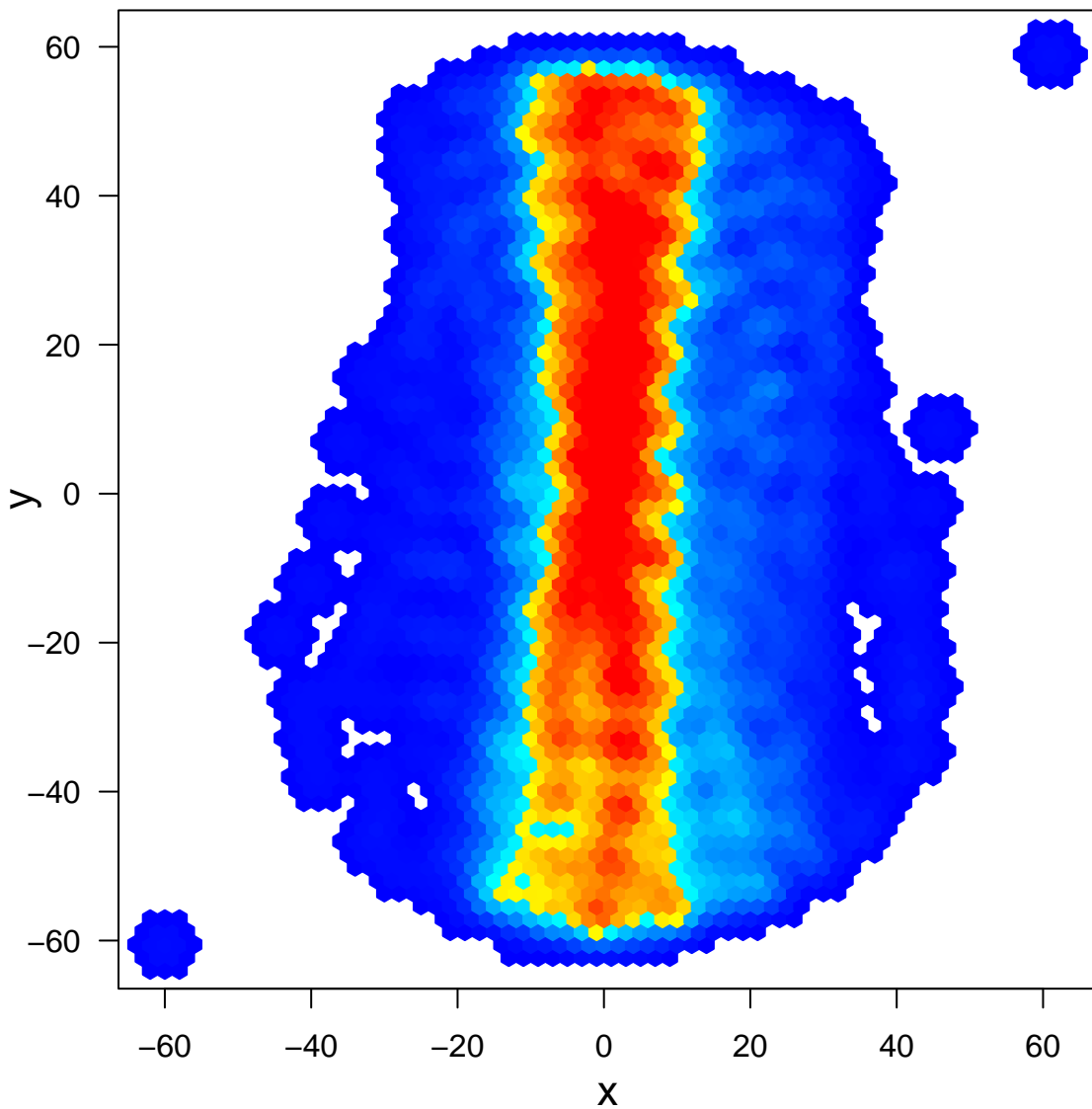
# stripe\_deviation



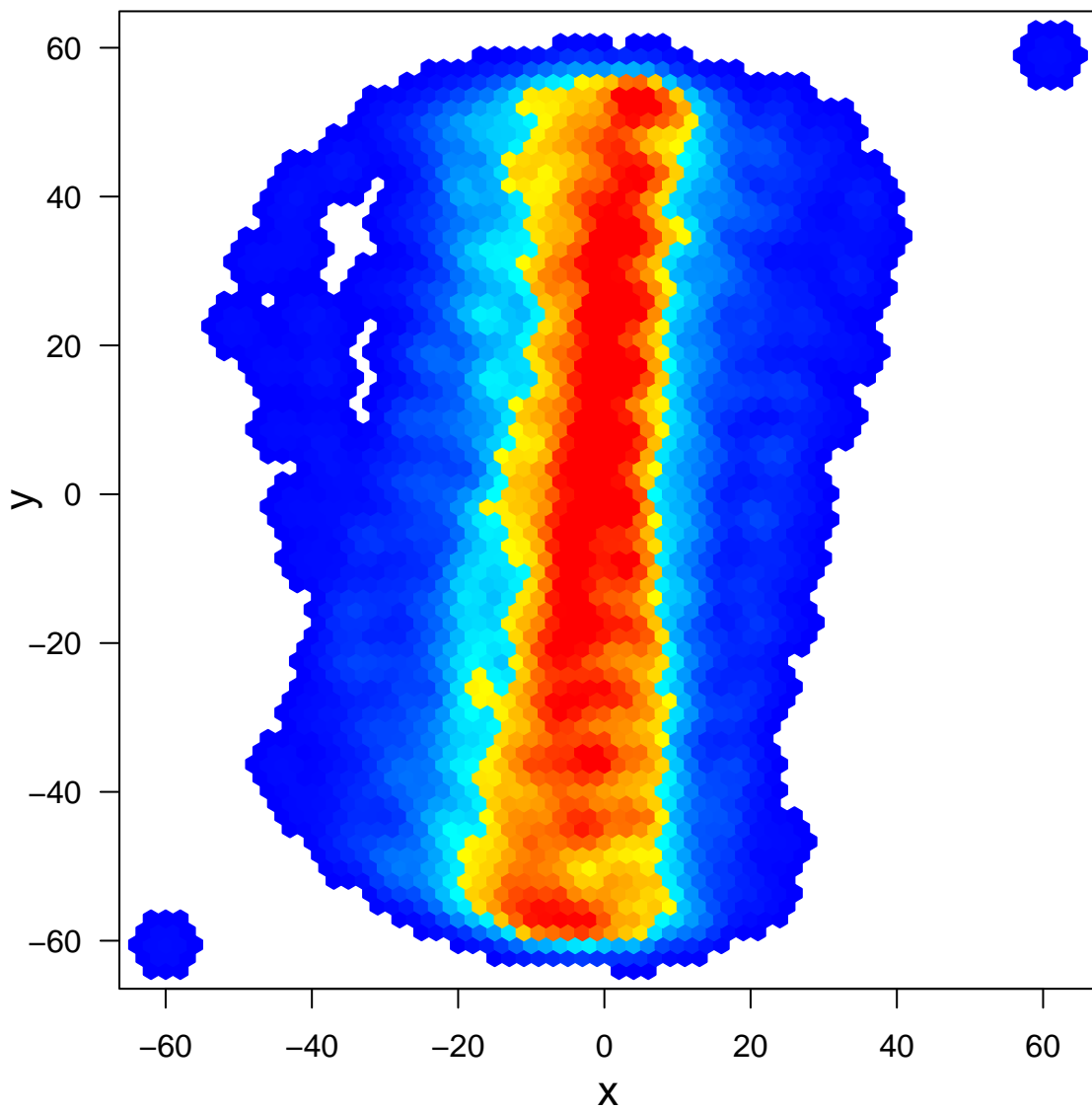
Transition plot for CS\_BS\_1stcross



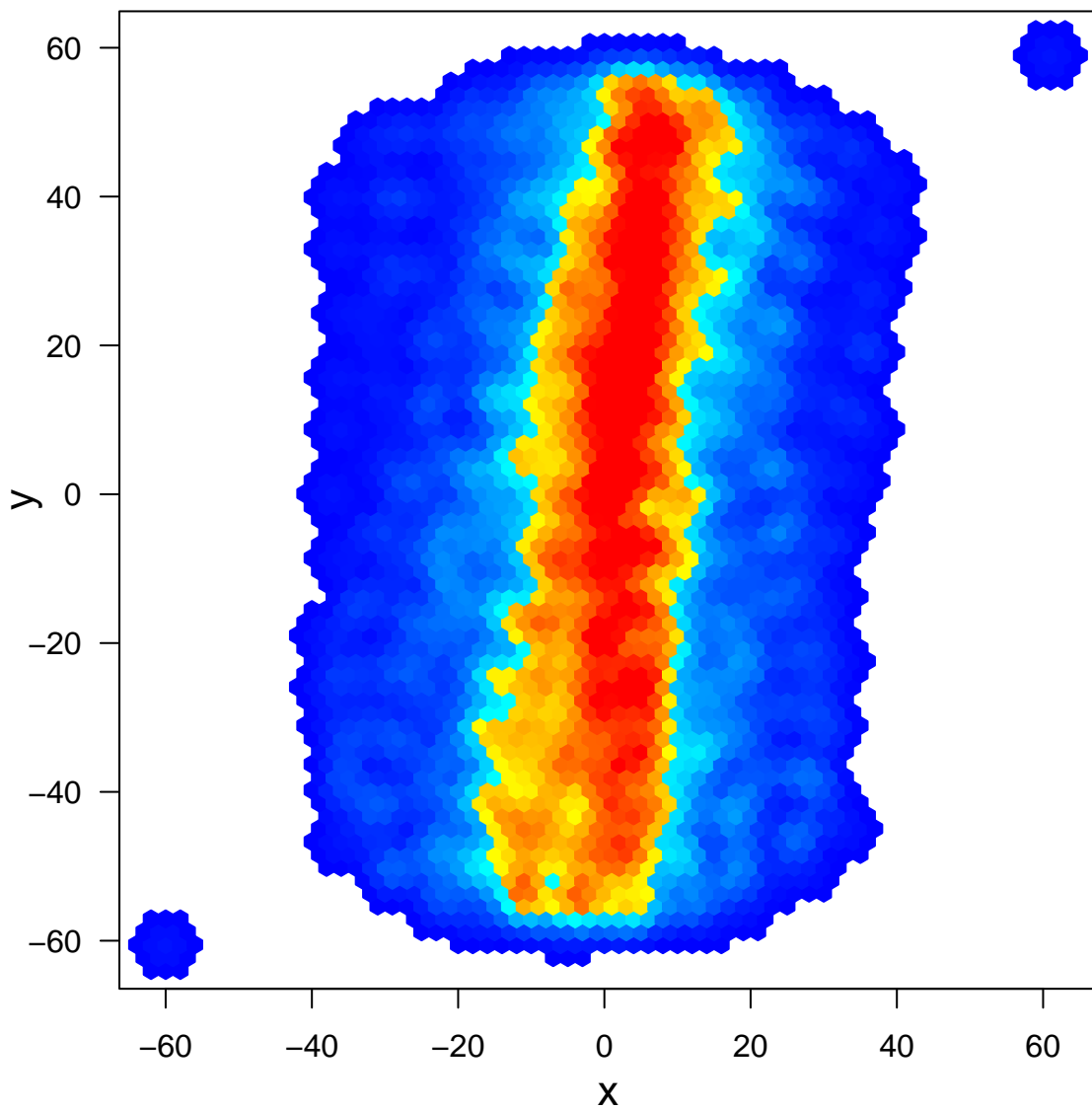
Transition plot for CS\_BS\_2ndcross



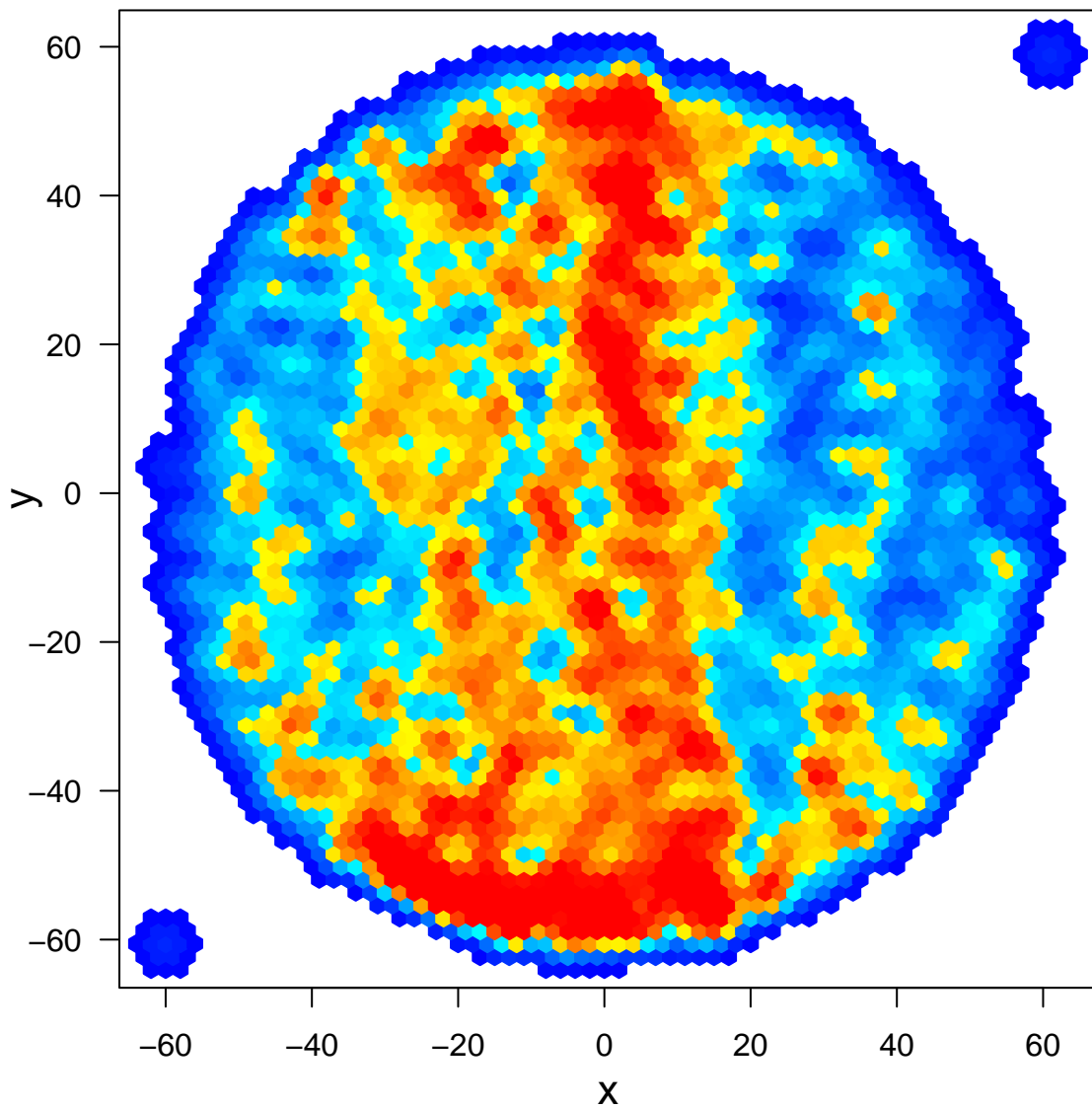
Transition plot for CS\_HS\_1stcross



Transition plot for CS\_HS\_2ndcross

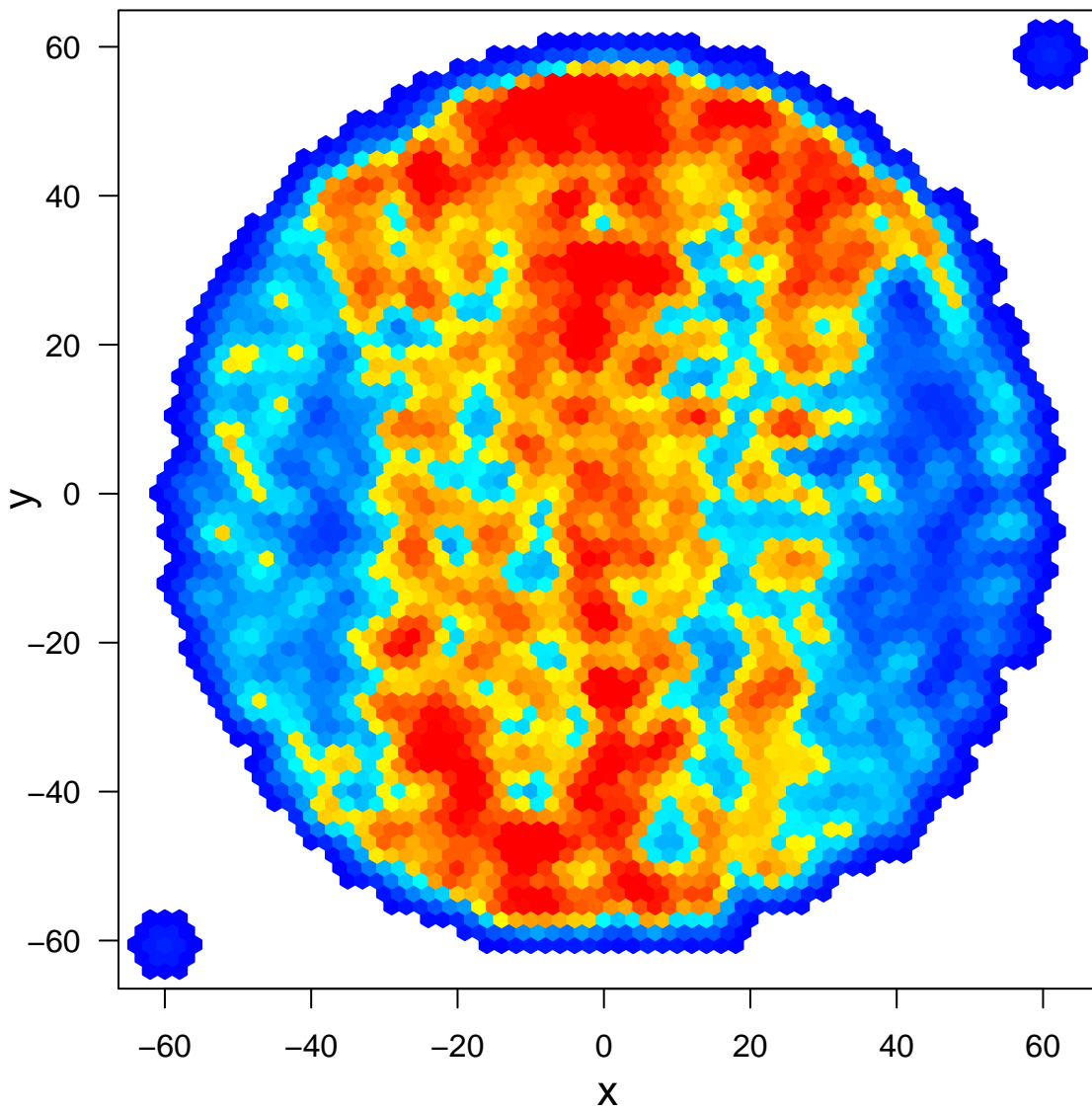


Transition plot for CS\_JC\_1stcross

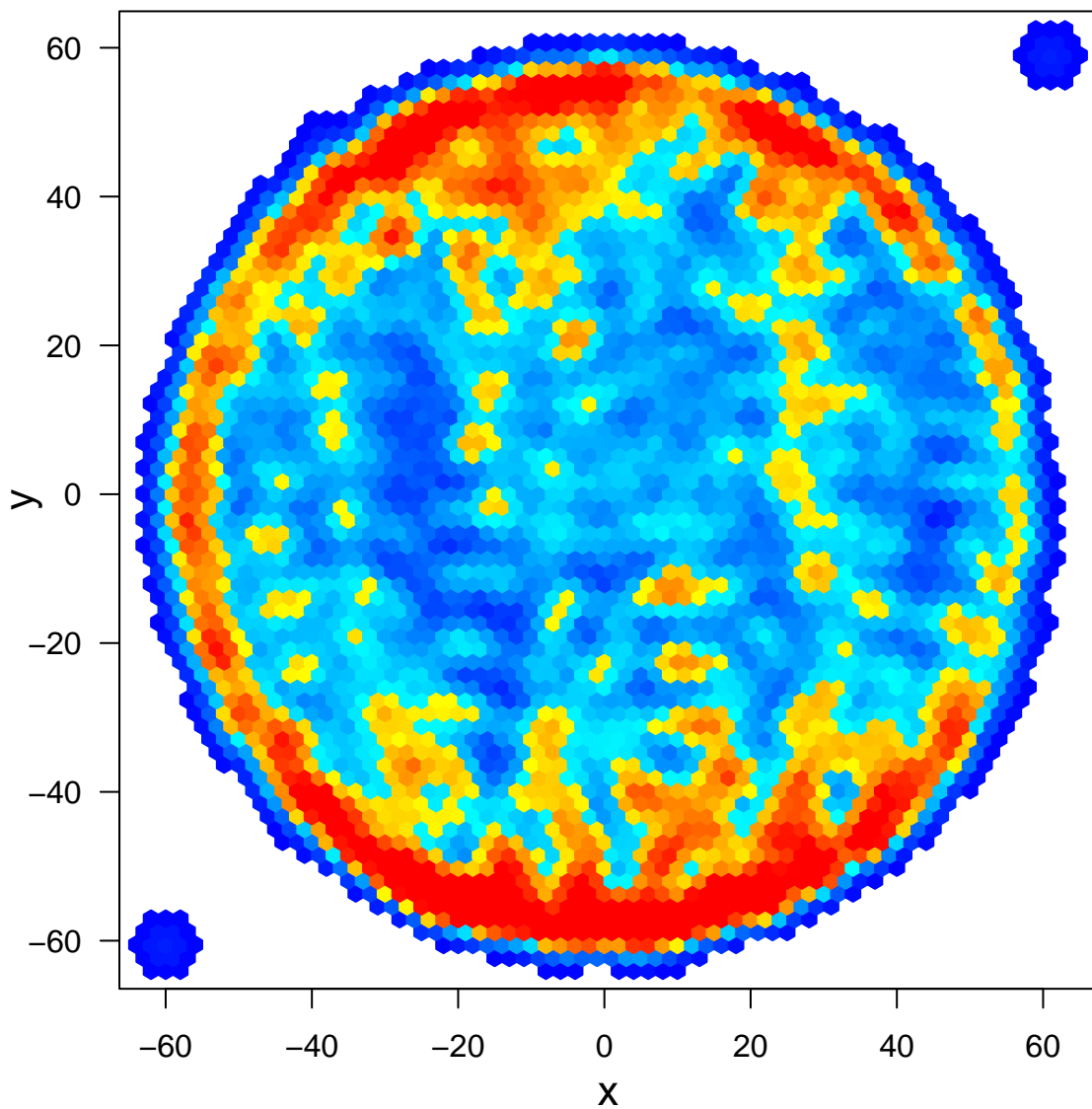




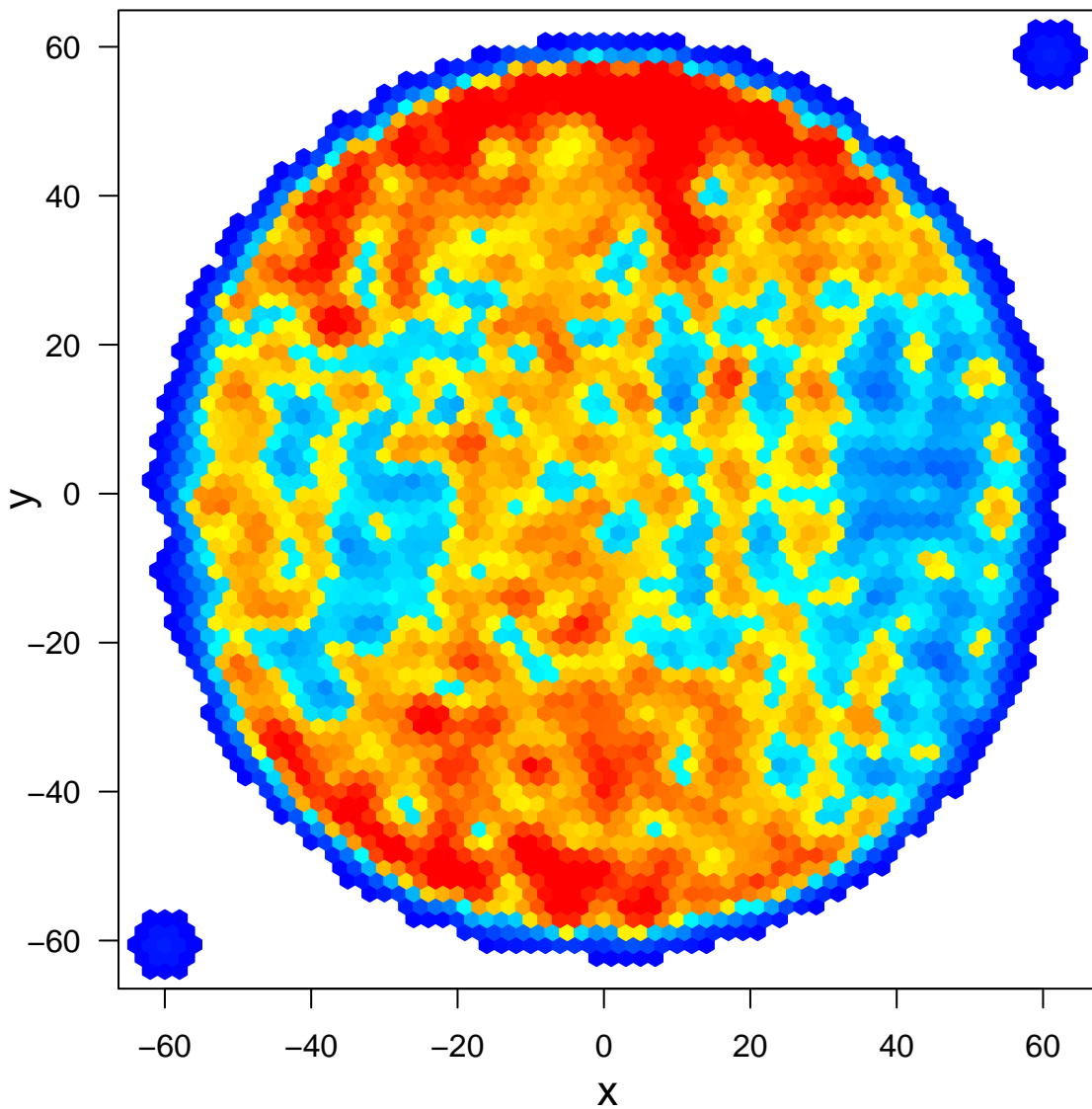
Transition plot for CS\_JC\_2ndcross



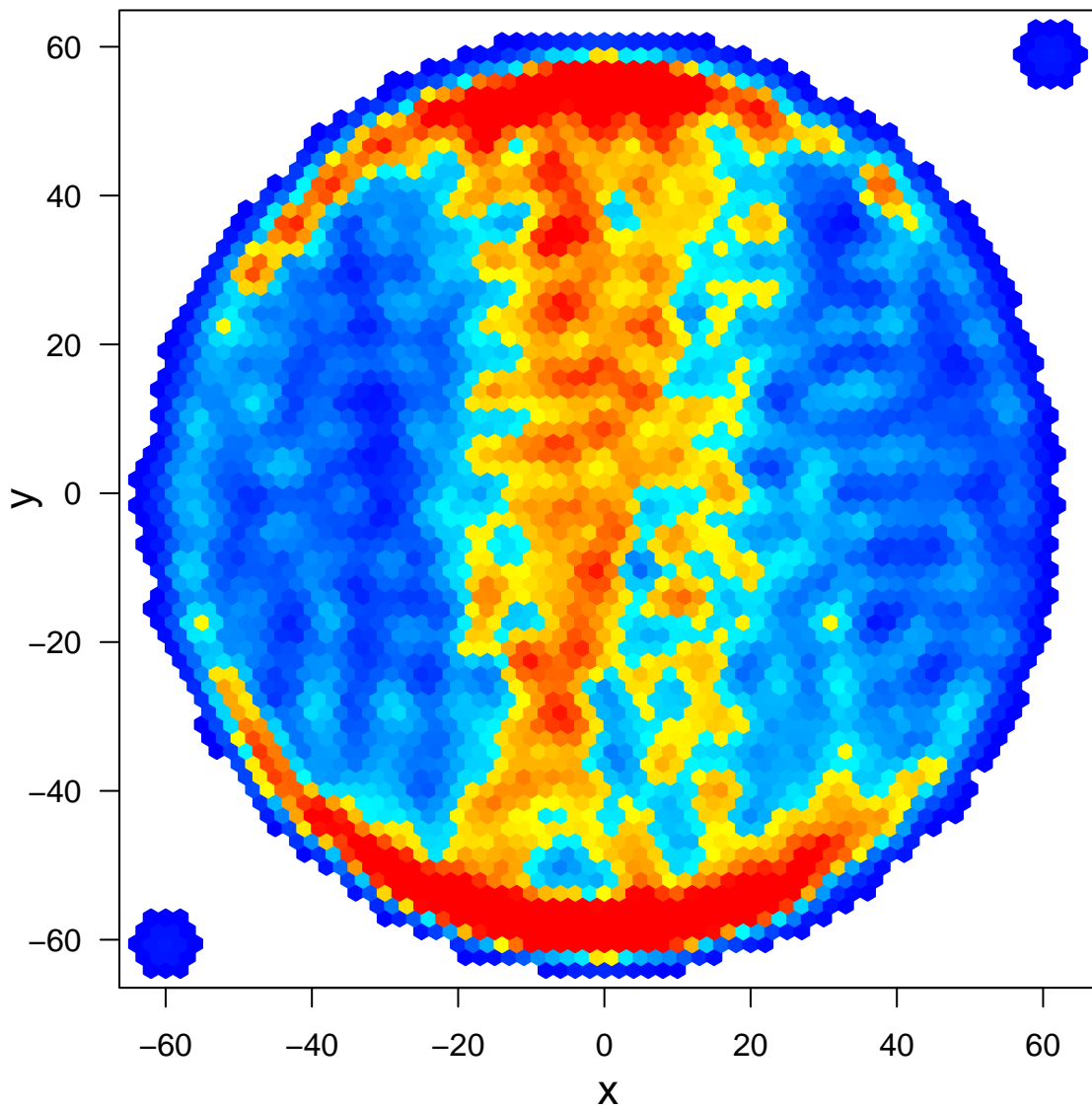
Transition plot for CS\_TP\_1stcross



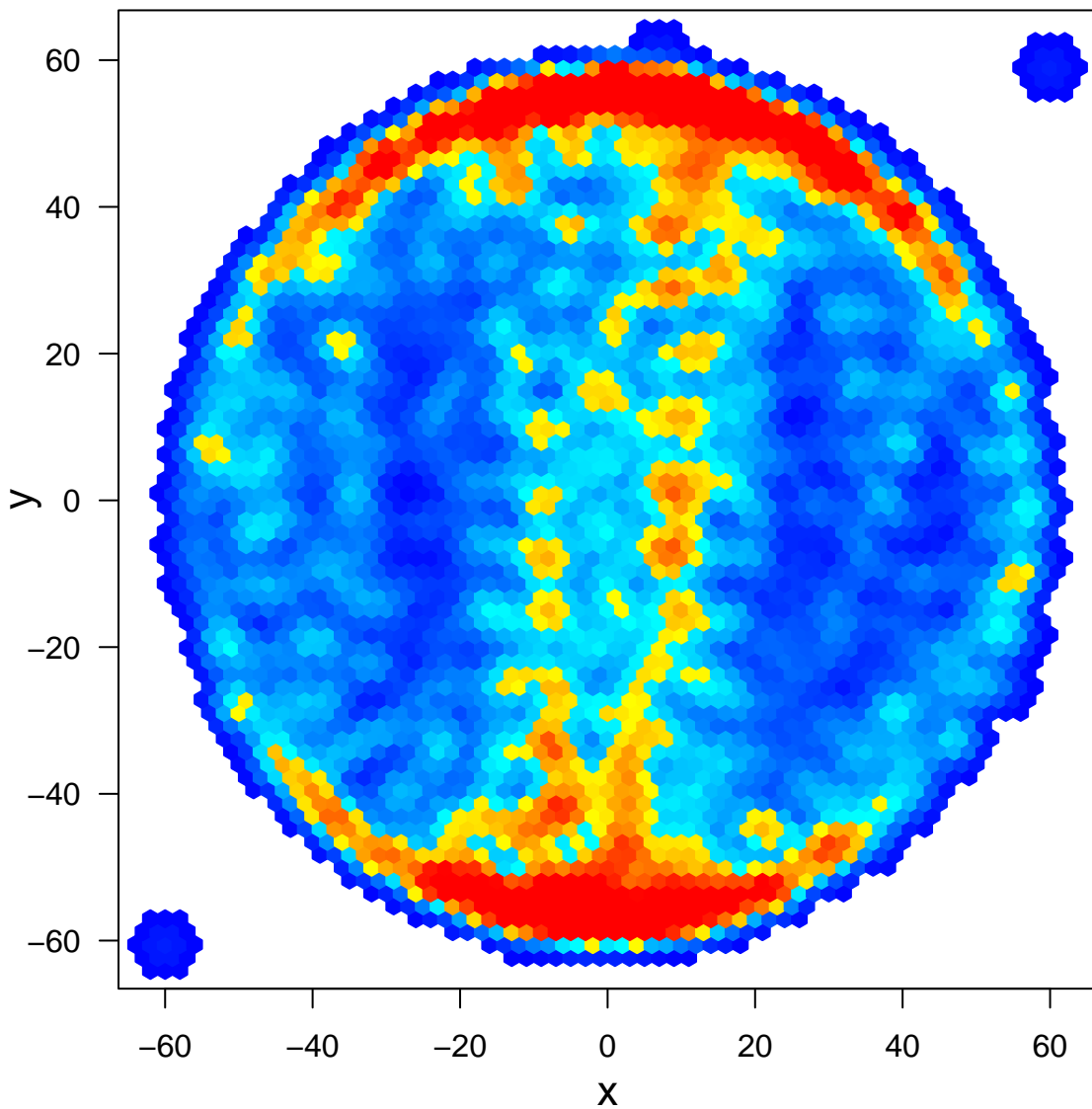
Transition plot for CS\_TP\_2ndcross



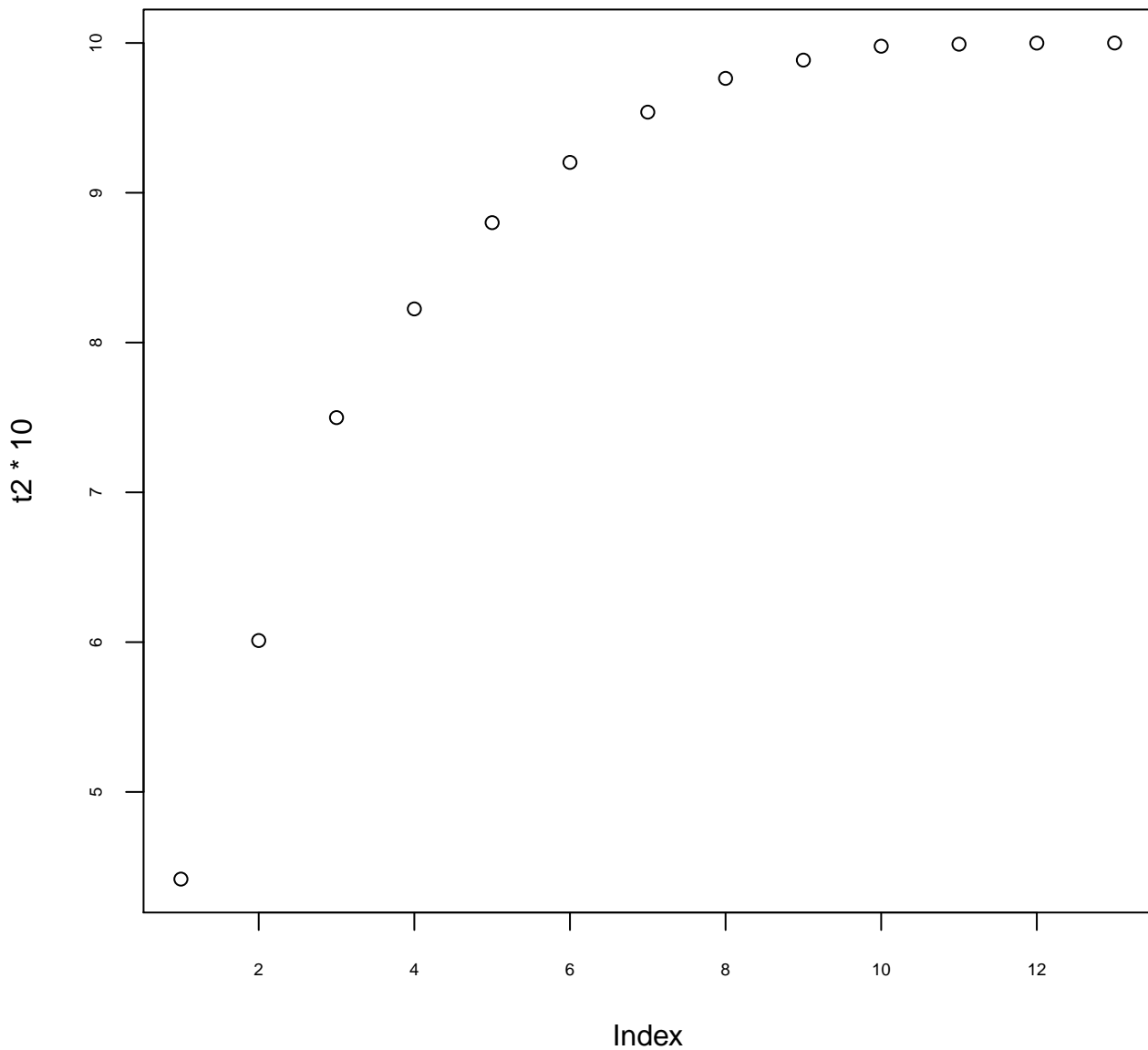
Transition plot for CS\_TZ\_1stcross



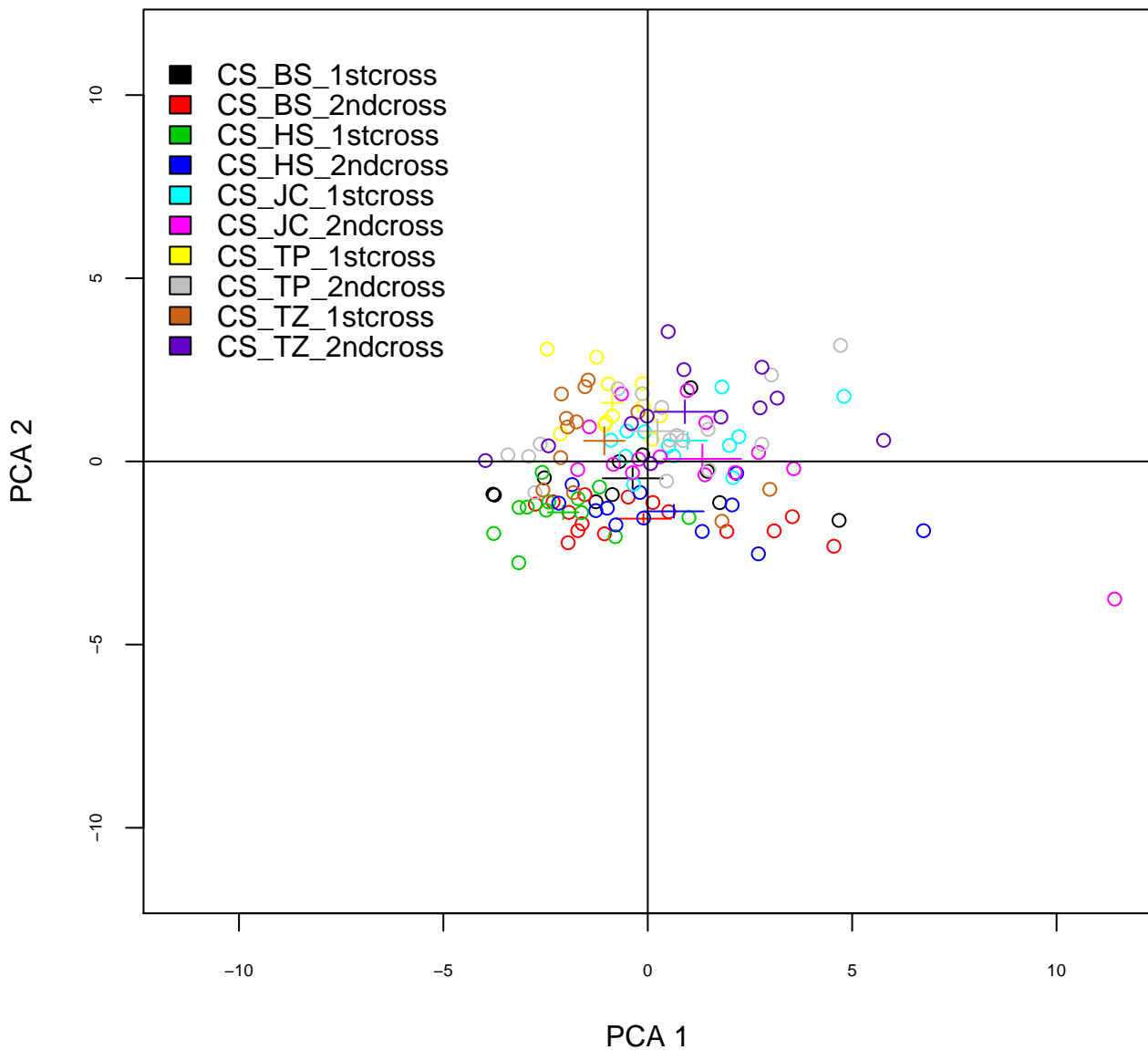
Transition plot for CS\_TZ\_2ndcross



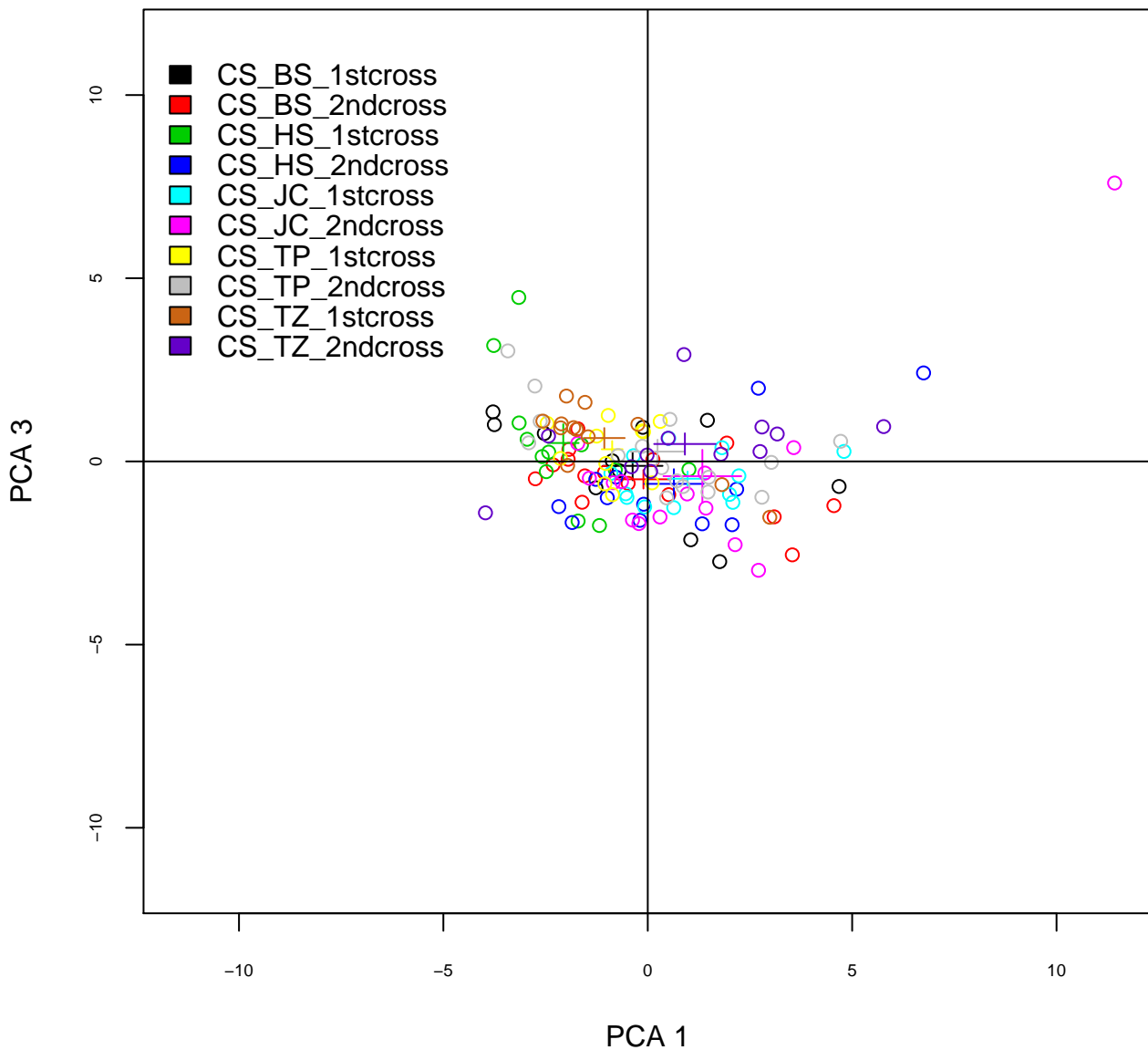
# variance explained cumulative



## distance biplot

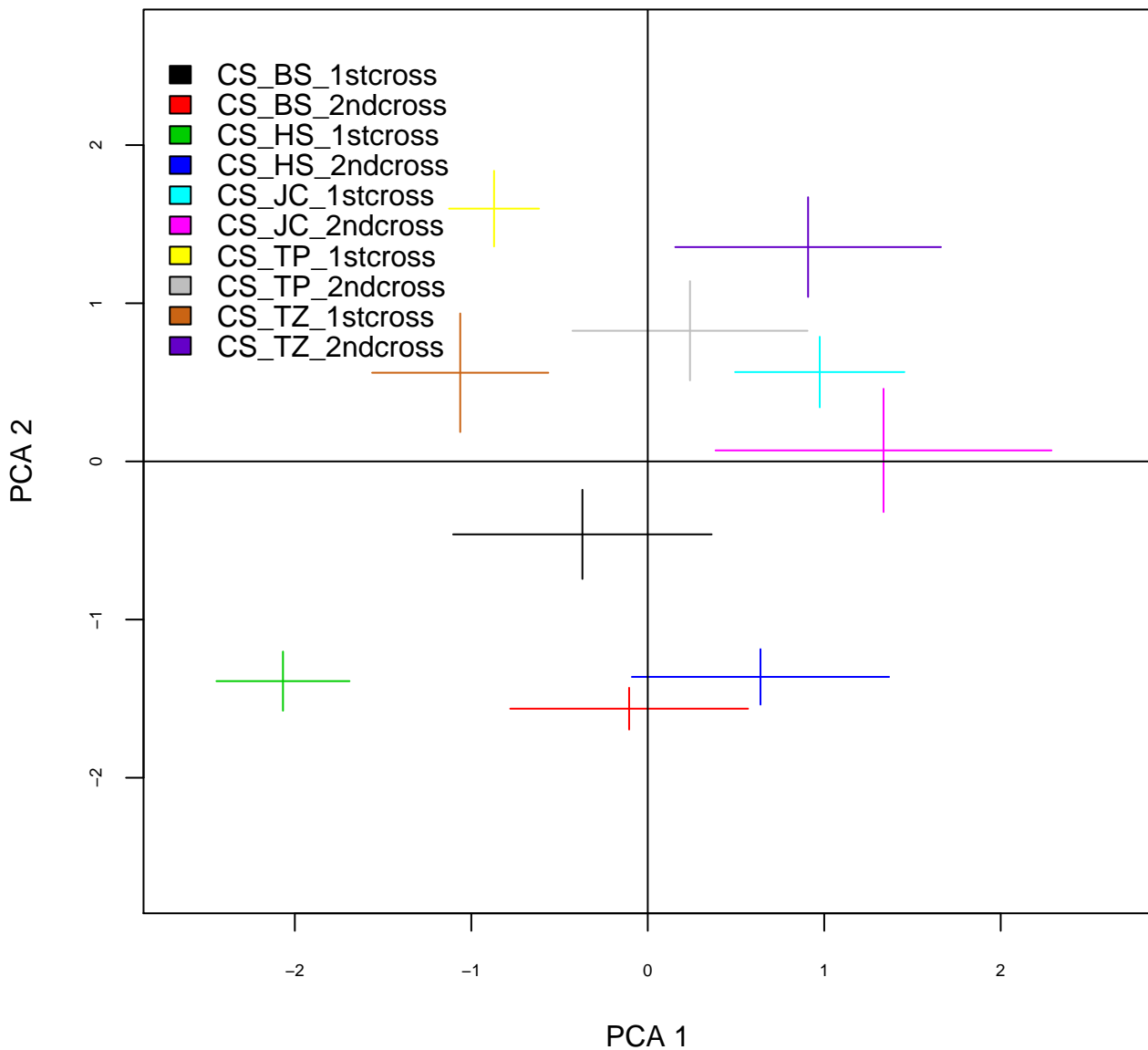


distance biplot

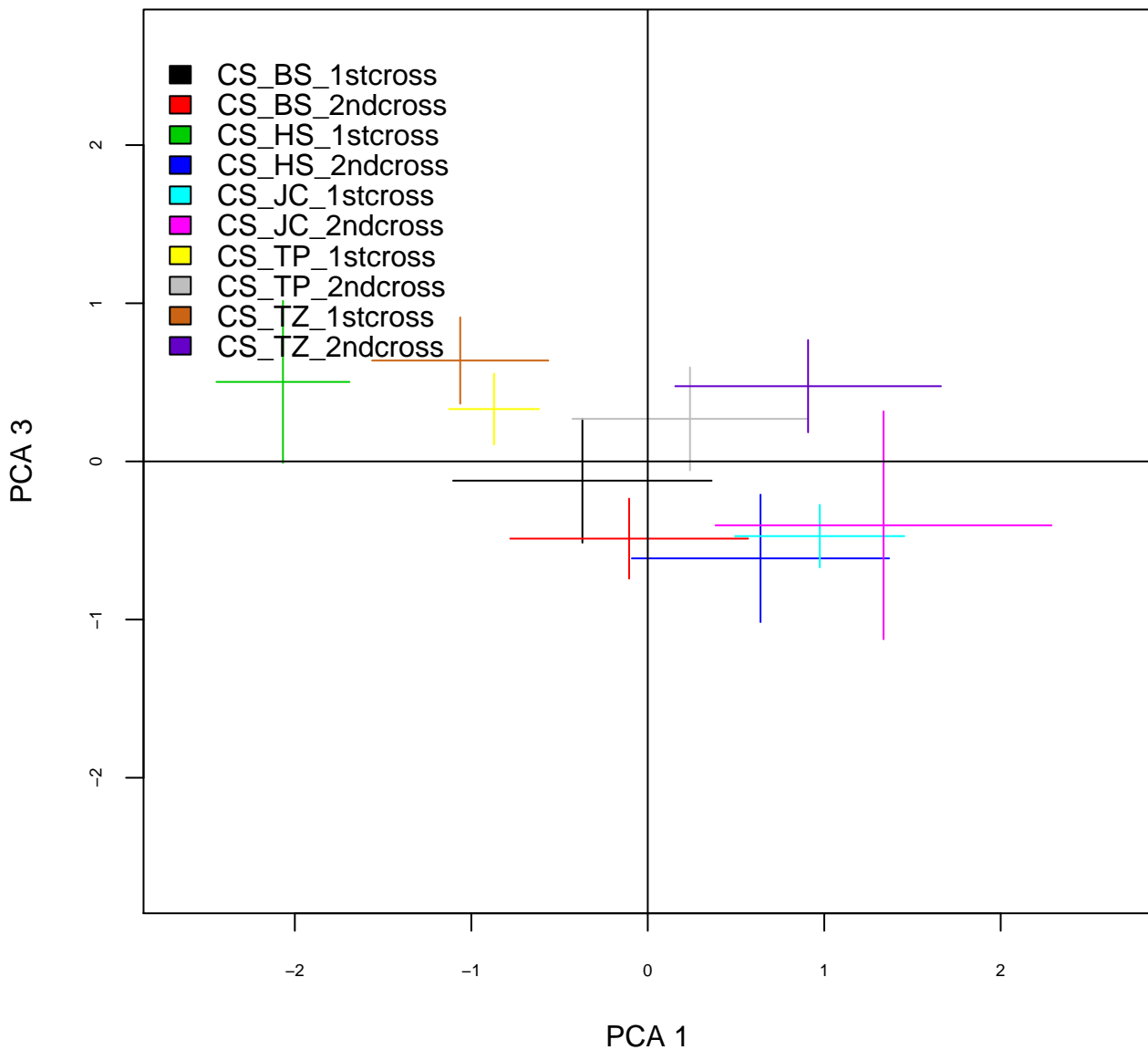




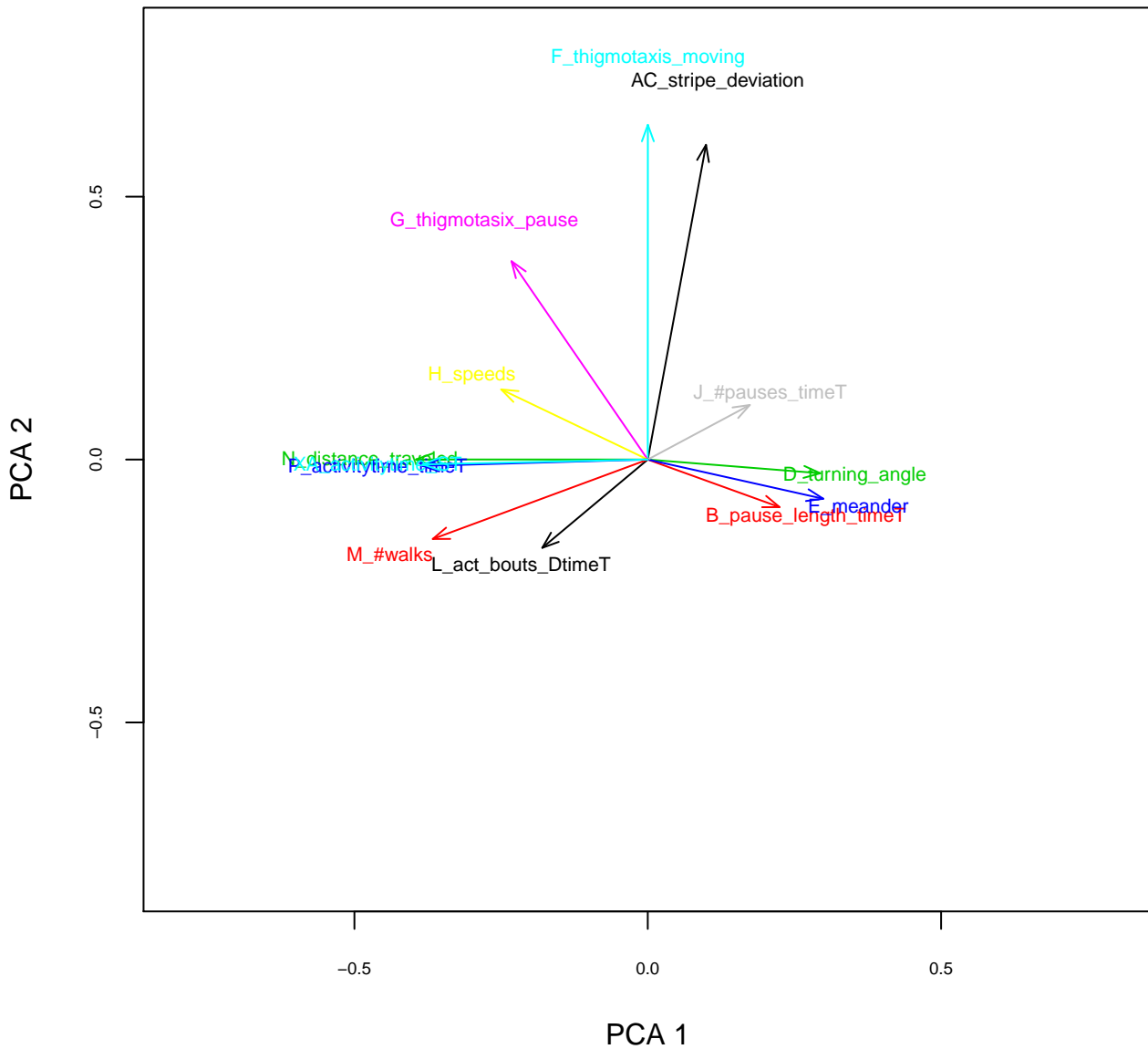
distance biplot



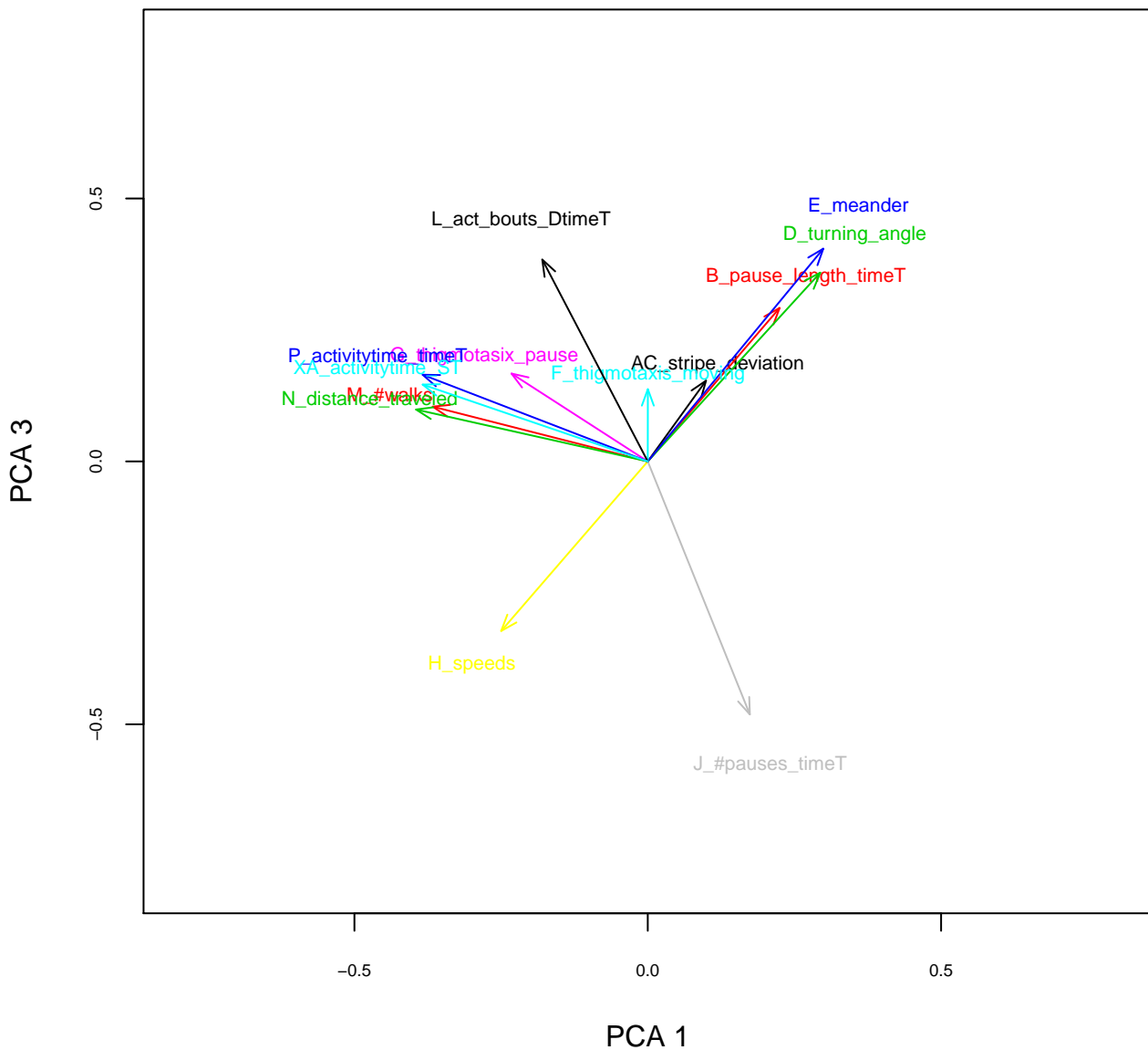
distance biplot



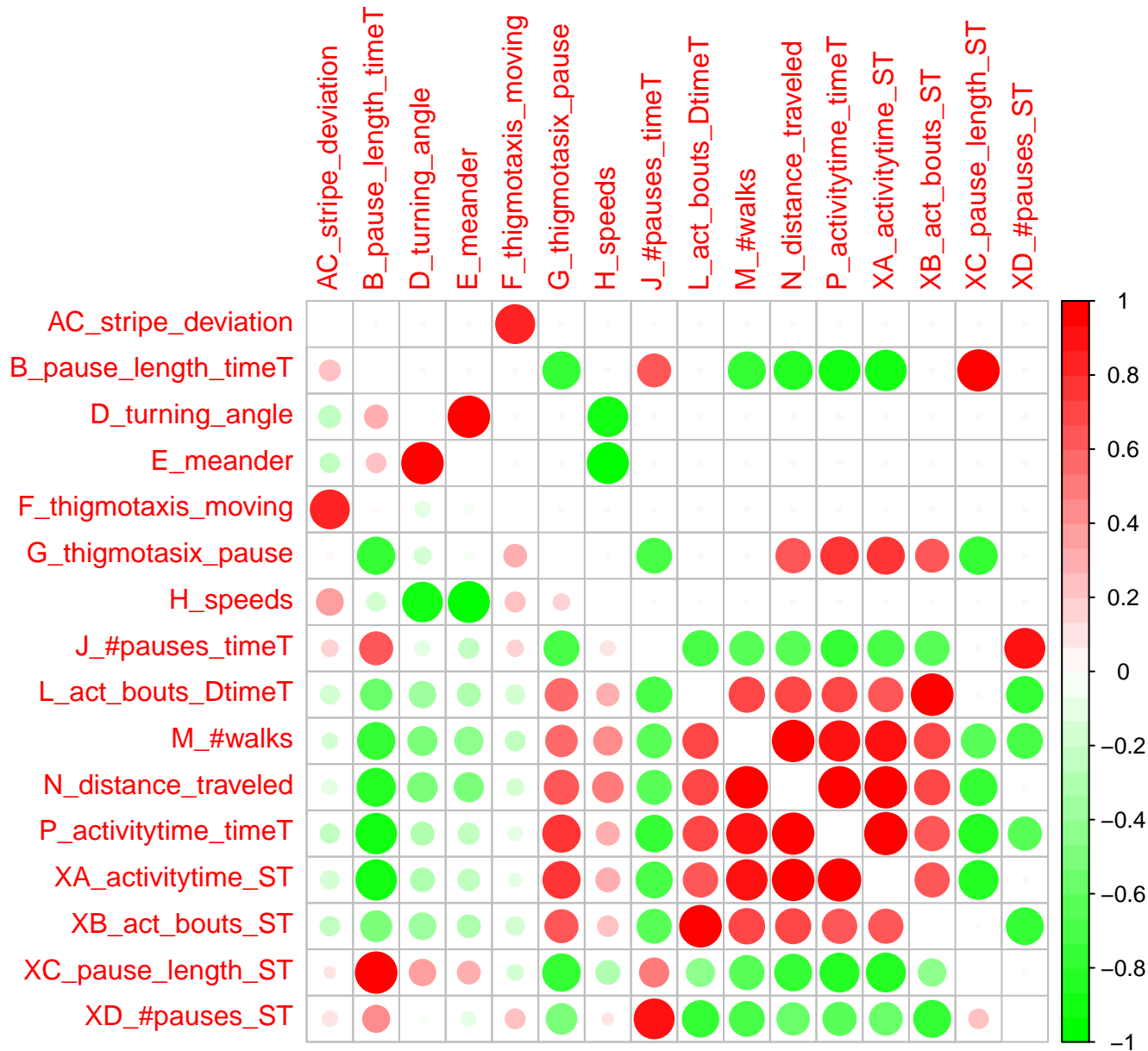
# distance biplot

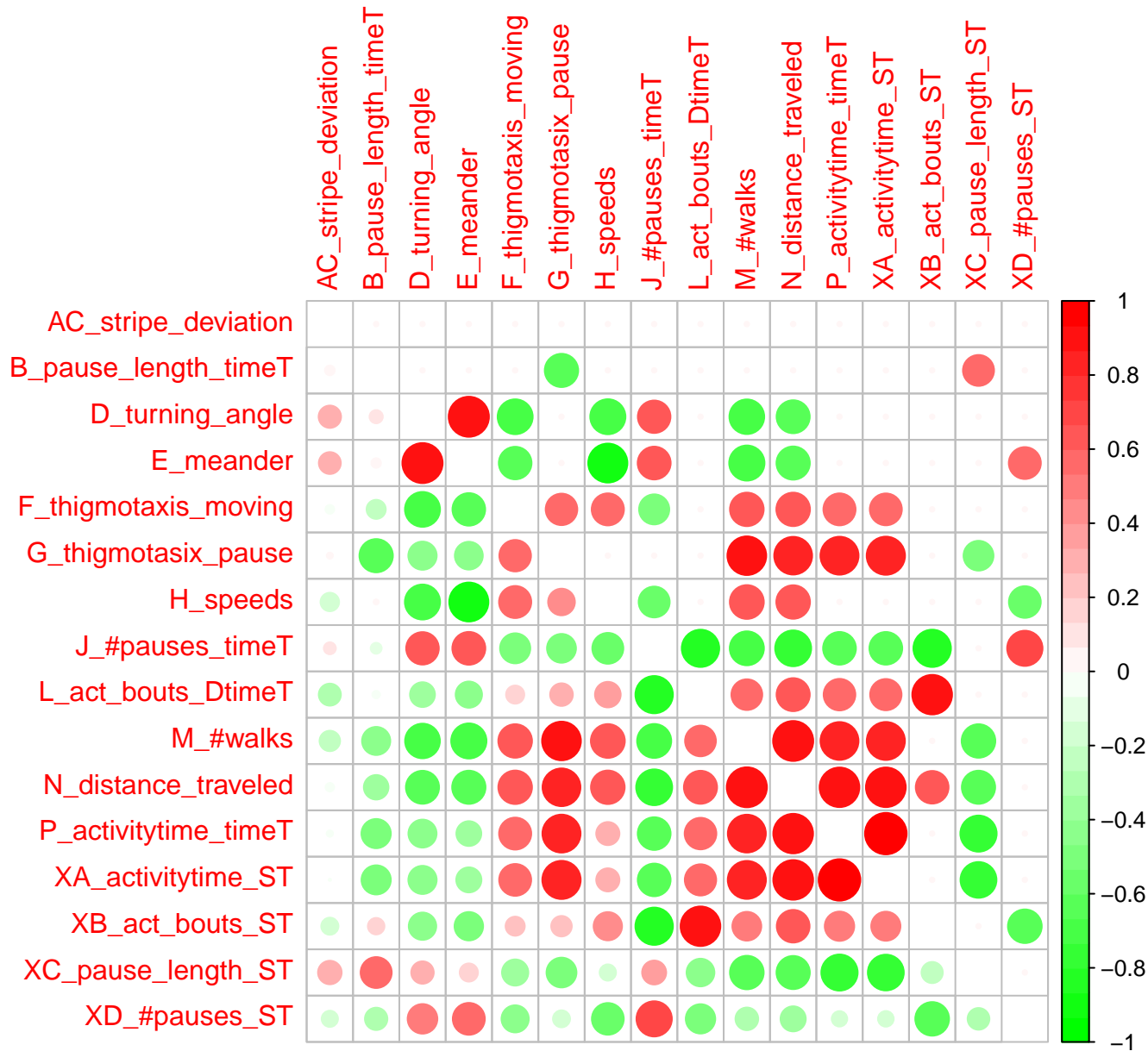


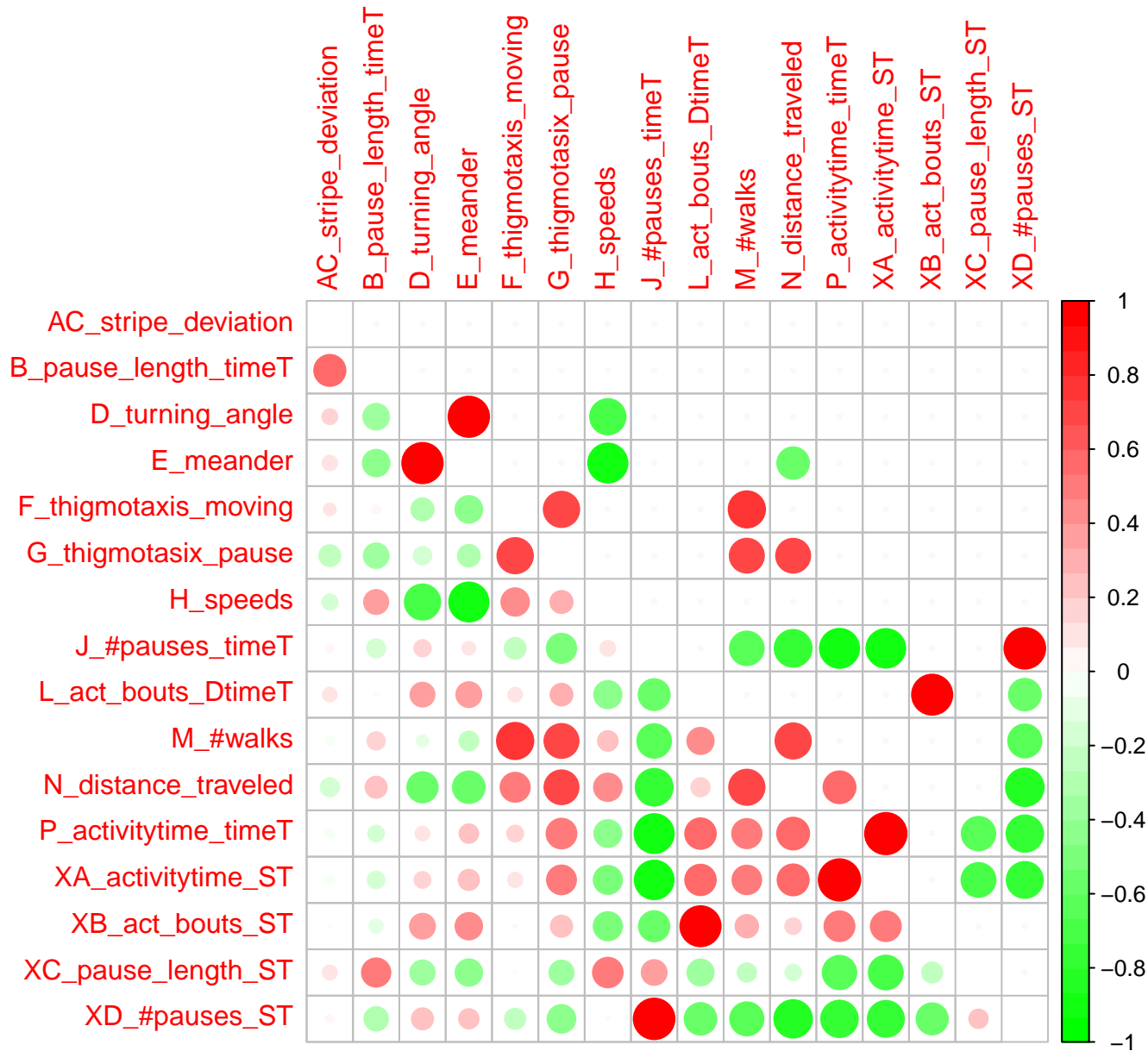
# distance biplot

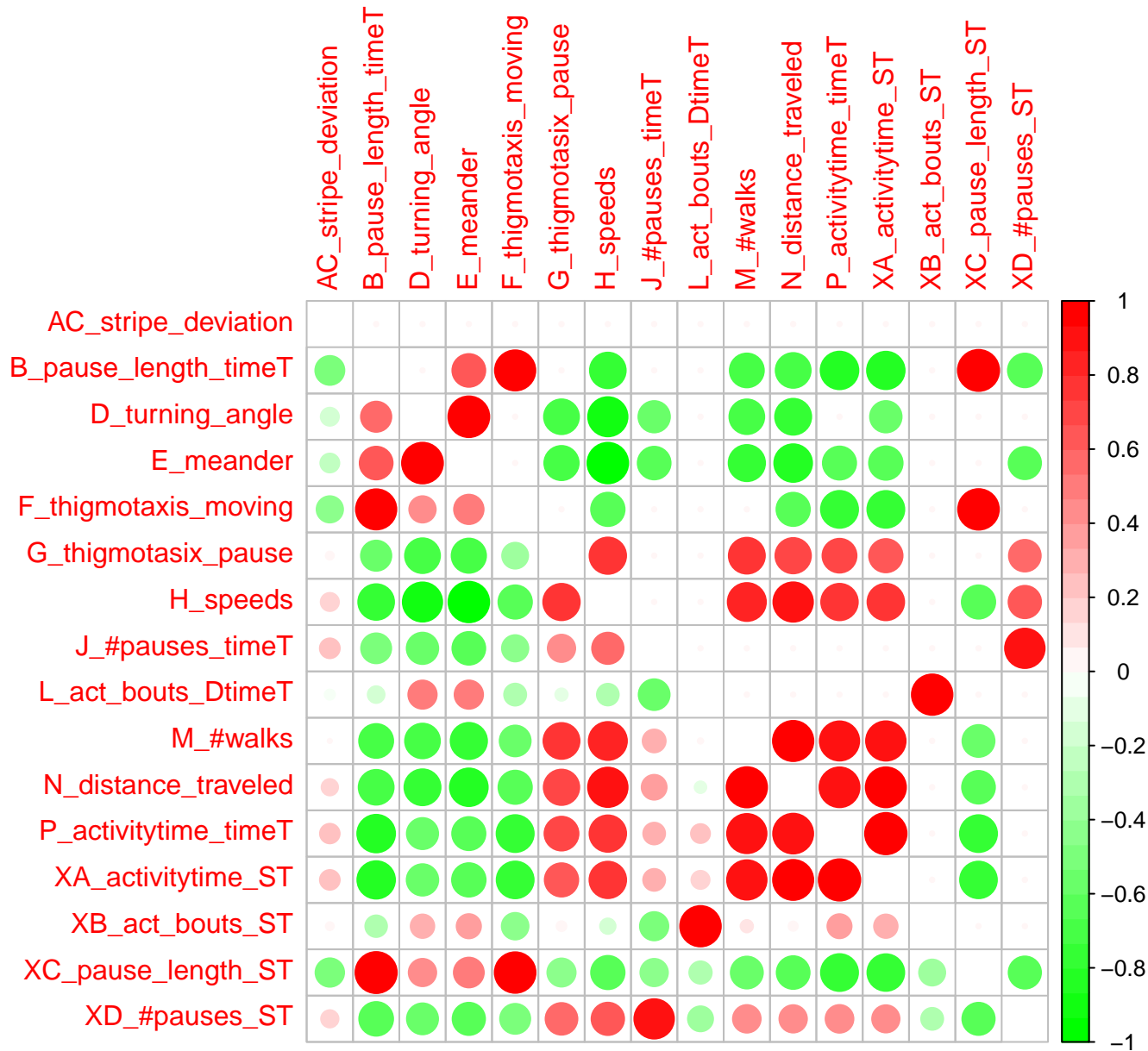


CS\_BS\_1stcross H=11

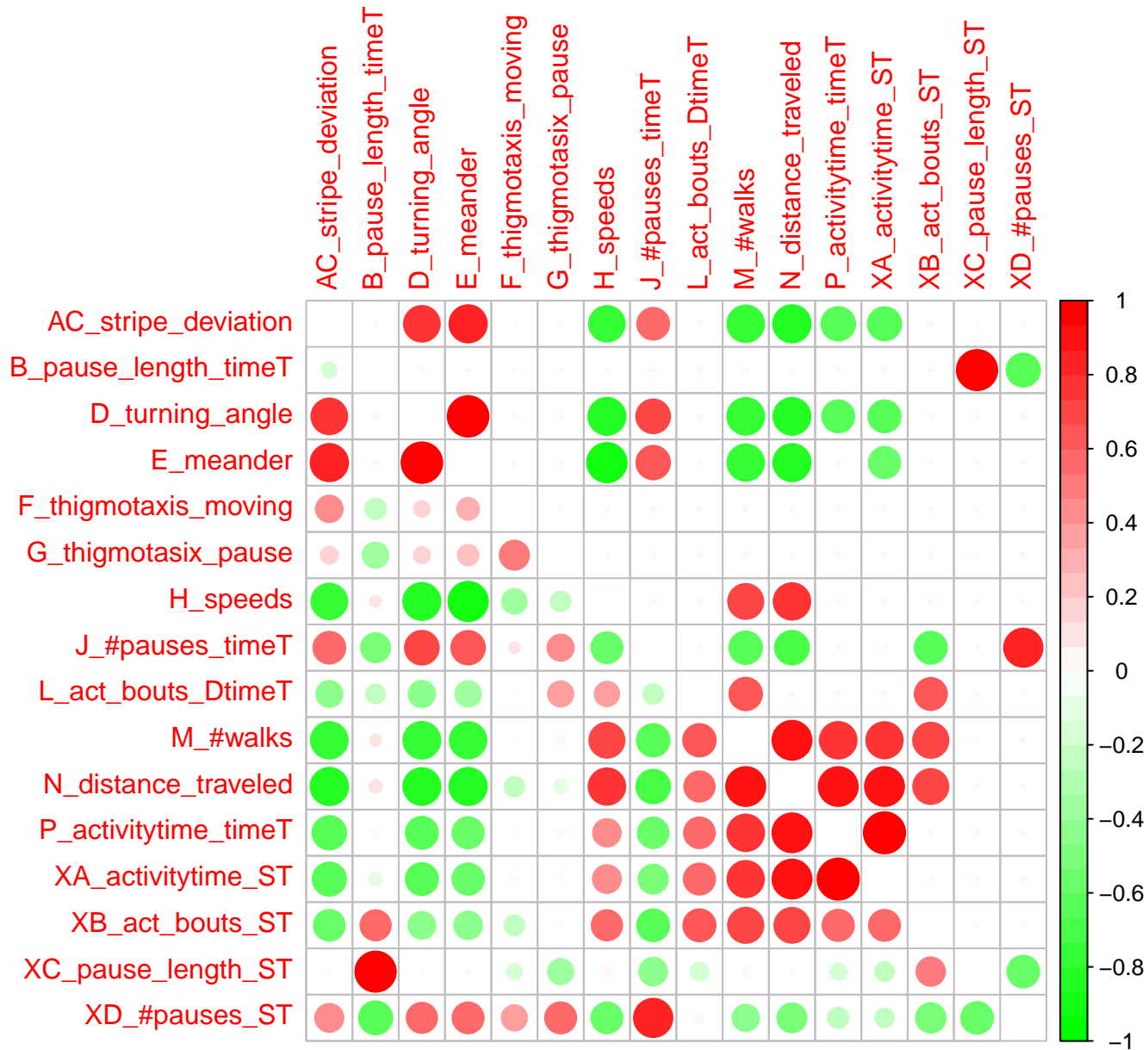












CS\_JC\_ZincCross II= 14

