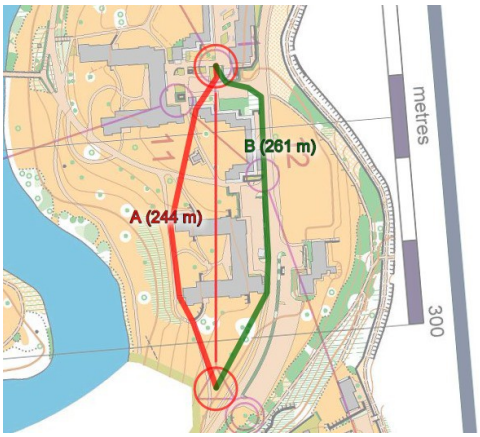
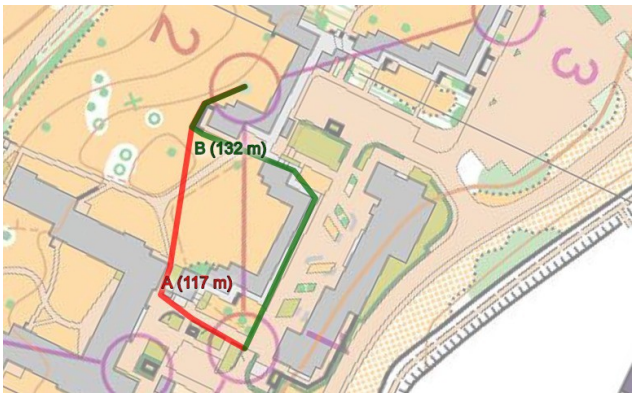
Stirling Uni Sprint 13/9/17
Routechoice Analysis

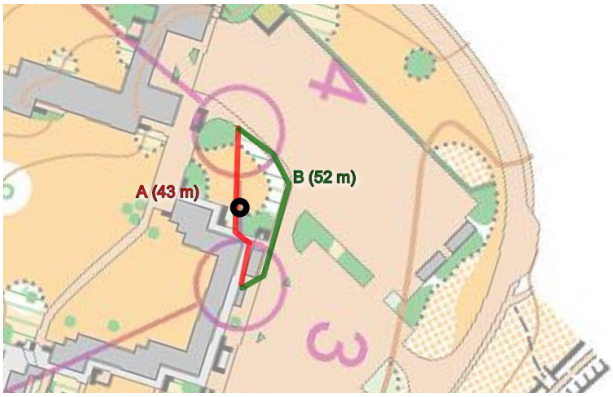
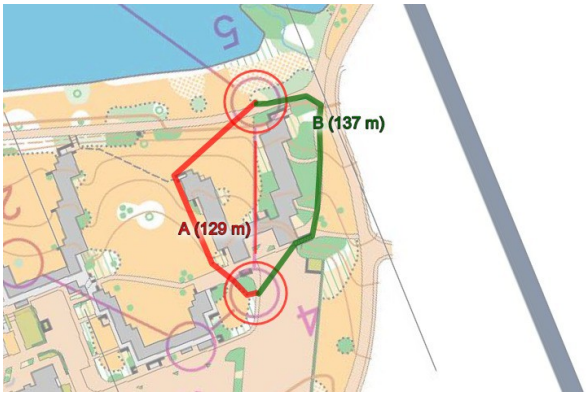
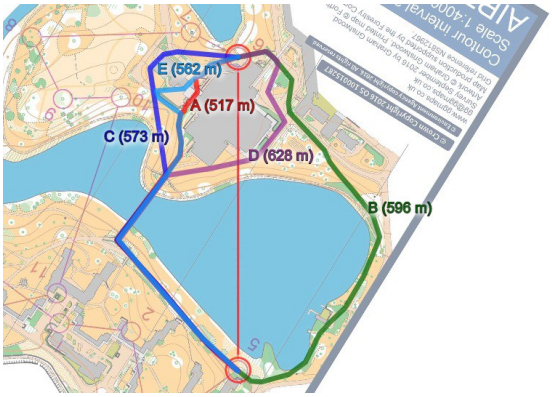
Long: 19 people completed the routechoice form
Short: 4 people (up to control 14)

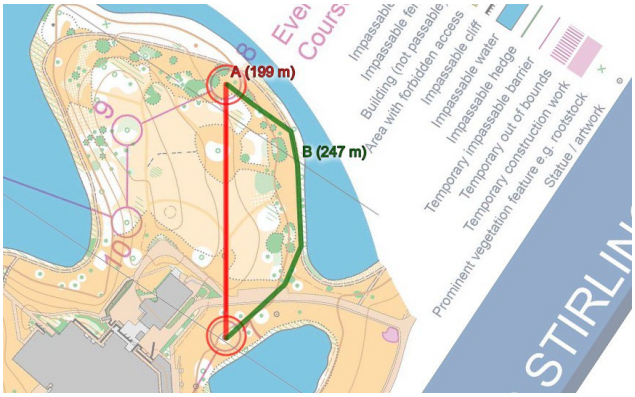
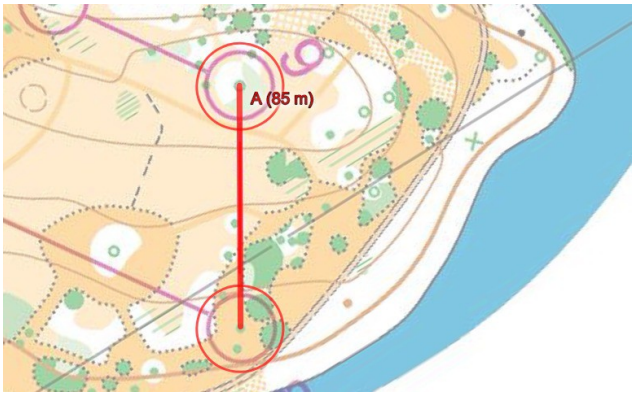
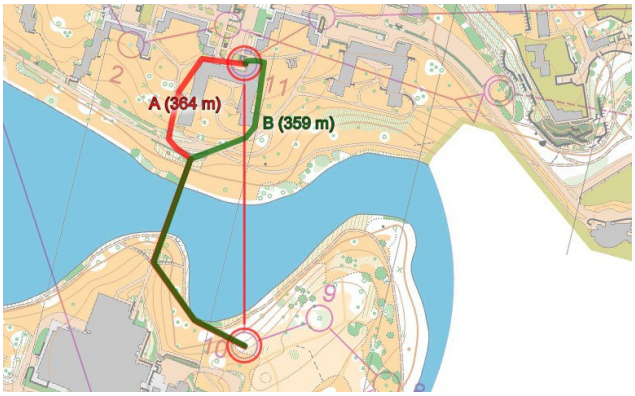
At the end of the course people completed a routechoice form. They either ticked a box for one of the routechoices shown below which they took or were very close to or ticked 'other' indicating they took a route not shown.

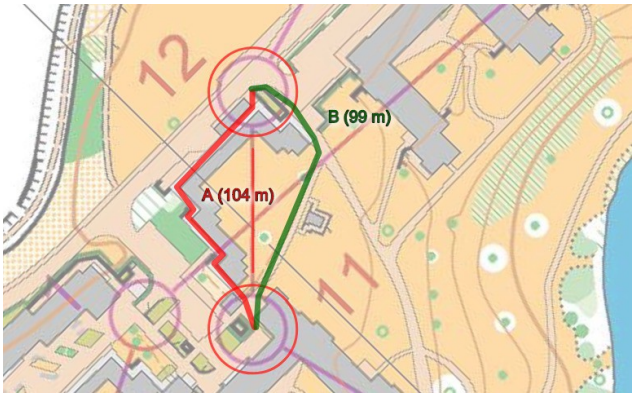
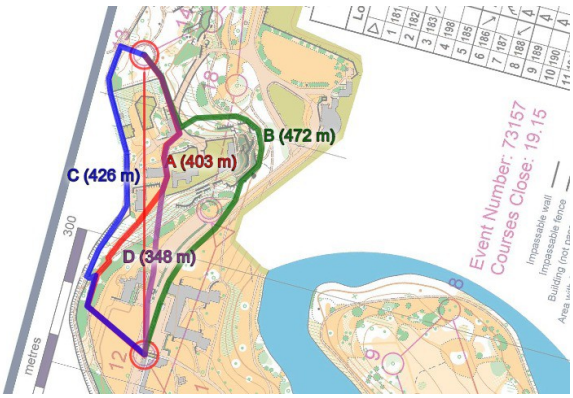
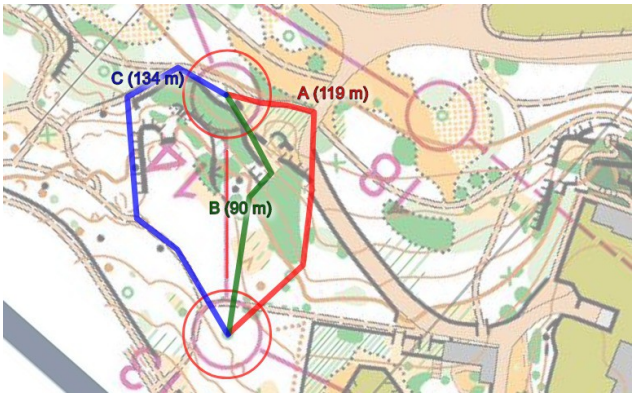
Routechoices done with http://3drerun.worldofo.com/2d/courseplanning.php

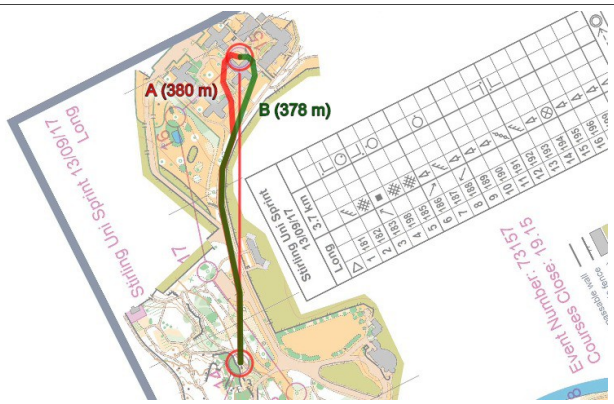
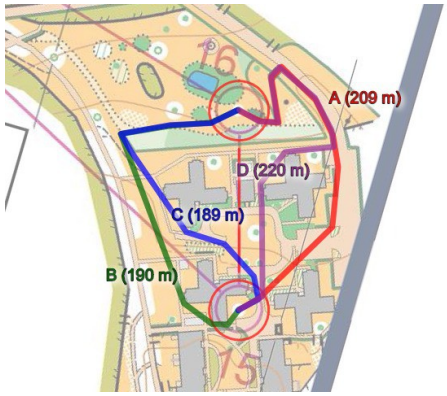
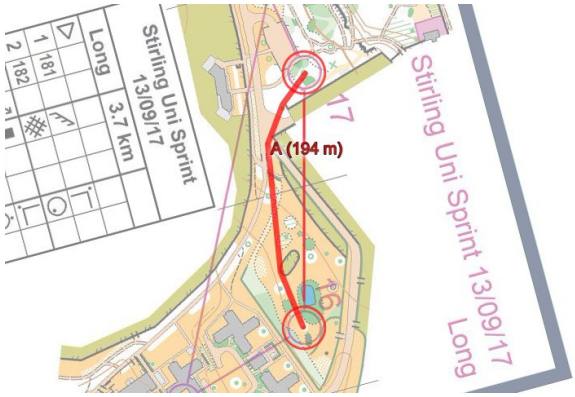
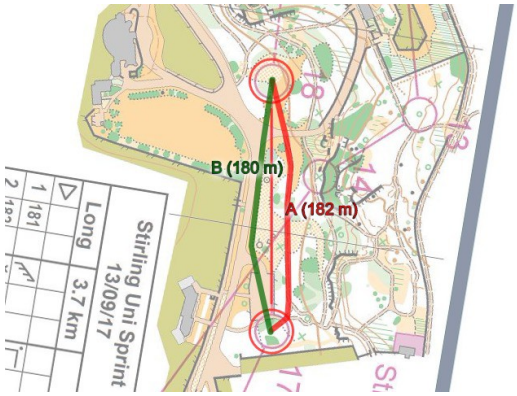
A table showing which routes people took can be found separately.

	1. Most people took B. Slightly shorter to left but right offered better running on road and was flat.
	2 Slightly more people (57%) went left which was probably faster as it was shorter. The routechoice here is from control 1 to the corner of the building where A and B come together. Although A goes further from the line between the controls B does an 'S' shape over the line which is something to watch out for and can lead to longer routes.
	3 Nearly everyone spotted you had to go out of 2 the way you went in. The choices between A B and C were marginal although A is probably quickest. A: 35% B: 9% C: 52% D: 4%

	4 Short leg, more important to make quick decision.
	5. Even split between the routes. Could argue A is best as it is shorter, there are no steps and you can see feature from further away (meaning more time to plan the next route).
	6 I've put 2 new routes in since the event (D and E) as a few people took these. A was shortest and probably quickest but required you to spot the gap on the map and on the ground. A(57%) B(22%) C(9%) Other(13%)
	7 You could see the control from no.6

	8 Straight again for most, though the tricky thing here was executing it – good direction needed. PS also updated the length of B which was wrong on the night.
	9 Same again. The green bush to the right of the line nearest to the control was an obvious feature from which you could pick out the right tree.
	10 And again.
	11 Very similar distances but most people went right. Avoids the steps. May seem more significantly shorter because it sticks closer to line but the routechoice is from the bridge (and it's the 'S' shaped route again!)

	12 B is shorter and there's less corning so higher speed as well. A: 22% of people B: 74%
	13 Most interesting leg of the course? How many of the routes did you spot before choosing one? Data seems to suggest people who took B lost time (50m more than most common route which was C) Only 2 people (out of 23) took the shortest option (though thick undergrowth on this route) I thought A would be the quickest route beforehand but hard to tell with results data. And compared with C, A is more tricky to execute the navigation smoothly. People took: A(17%) B(22) C(48) D(9) Other(4)
	14 Quite a split on the way people went on this with straighter coming out slightly on top. Maybe it depended on footwear people were wearing. A (26%) - involved spotting the gap in the wall. B (39%) - involved a bit of forest orienteering. C (26%) - was a bit longer but maybe the most straightforward to see, navigate and run.

	15 (long only) Not much in it but most took B. Marginally easier to navigate in.
	16. Bit of a trick. Planned to get people to go A/D but B/C was shorter and quicker. You could have also checked out most of B/C as you ran into control 15. Only 1/3 of people went B/C. A few people missed that the hedge was uncrossable and therefore took D when they got to it.
	17. No routechoice. Start of the long run in.
	18. Not much in it A: 37% B: 63%

Chris Smithard 14/09/17