Dear Dr.Garant,

Thank you for your comments and suggestions. Please find our responses below in BLUE font. Thank you for your consideration of this manuscript.

MDD

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Thank you for your submission to PeerJ. I am writing to inform you that in my opinion as the Academic Editor for your article, your manuscript "Testing the effects of perimeter fencing and elephant exclosures on lion predation patterns in a Kenyan wildlife conservancy." (#2015:12:8003:1:1:REVIEW) requires some minor revisions before we could accept it for publication. Thank you and all requested changes have been made.

The comments supplied by the reviewers on this revision are pasted below. My comments are as follows:

**Editor's comments**

I agree with the reviewer that this is a much improved manuscript. I am thus willing to recommend its acceptance once you have dealt with the minor revisions suggested by the reviewer. Done

In addition, you should indicate the names of statistical software/packages used for statistical analyses and also include the degrees of freedom for analyses presented in Table 5. Both are now included.

**Reviewer Comments**

**Reviewer 1 (Marco Festa-Bianchet)**

**Basic reporting**

This is a much-improved ms. i only have 2 minor comments.

Line 83 and elsewhere: technically, this means 'with an earlier date' and the correct word is 'preyed upon'. Maybe say 'predator kills' to avoid upsetting extreme anglophiles? Also, try to avoid the verb 'predated' elsewhere in the ms, for the same reason. Thank you and this has now been corrected.

Line 143: I have no idea of how strong this voltage is - was it meant to give a slight shock to dissuade elephants and giraffe? It may be worth pointing that out. Did the perimeter fence have higher voltage?

We have added a bit of text to this effect.

**Experimental design**

Fine - nice sample

**Validity of the findings**

Looks good to me.