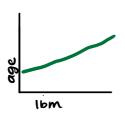
Energotic Constrounts and Costs of Immune Activity in Blue Monkeys (Cercopitheus mitis)

INTRODUCTION

METHODS

Biomarker samples collected in Isecheno area of Kakamega forest on 41 juvenile monkeys C21 male and 20 female). Creatinine as a measur of 10m, Neopterin as a measur of immune activity, c-peptide as a marker of energy balance. GLMM used on monthly averages for data analysis.

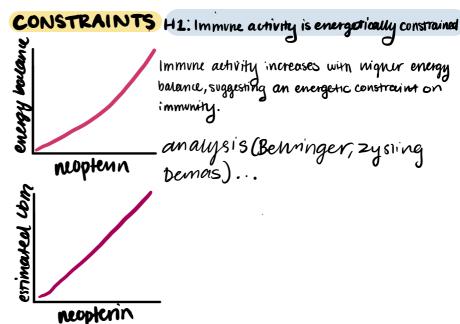




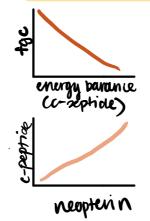


H3: Heightened immune activity has negative consequence on snoot-term growth

Higher immune activity followed by smaller onange in estimate lean body mass (less growth)



MECHANISM OF CONSTRAINT



Low energy bohance is associated w/ lower gc levels, which are immunosuppressive. Given this.ge may mediate the positive relationship between immune activity and energy balance. In a mediation analysis, we found that gc was not the mediation factor in this relationship.

Walternative explanation (behaniler)