



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Medicine and Medical Research
Manuscript Number:	2015_BJMMR_17374
Title of the Manuscript:	The Effects of a Delay Following Warm-up on the Heart Rate Response to Sudden Strenuous Exercise
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
The multivariate regression model is a statistical method able to evaluate the role of confounding factors on finale results. The authors should consider how the variables related to the characteristics of the patients can influence the final results. This is the meaning of the “multivariate regression model”.	In our opinion there are no variable that requires controlling for in a multivariate regression model, considering the homogenous population. Classic covariates might be age, baseline fitness, smoking, sex, etc. and none of those apply because our population was specifically chosen to avoid such variables. Age range of our population was 20 – 26y, the variability in height (179.9 ± 8.1 cm) and body mass (75.3 ± 5.3 kg) were small. With one main outcome variable in a homogeneous group of participants, it doesn't seem appropriate to us in this case to apply multivariate regression analysis.