

parts of the study. In this study Ethiopian athletes' socioeconomic determinants of success on international athletics competitions as well as Olympic level. With this long and middle distance running competition participation Ethiopian athletes would have improved their economic performance.

LOW SOCIO-ECONOMIC STATUS EFFECTS ON PERFORMANCE

The question forwarded to the two respondent groups was to investigate the effect of low socioeconomic status on Ethiopian athletes running performance and economic problems can motivate to get good running performance in Ethiopia, either positive or negative effects.

Several research result related with socioeconomic status of athletics performance and results indicated that there were positive correlation that socioeconomic status increased as well as the performance increased and an athletes' socioeconomic status decreased as well as their performance decreased,[13][22][23][24][25][14] but in Ethiopian athletes this is inversely proportional. This study result indicated that the respondent have similar attitude that low socioeconomic status of Ethiopian athletes have positive effect on their running performance that the description shown us $M \pm SD = 3.82 \pm 1.217$ and 83.7% of the respondents were agreed with Ethiopian athletes low socioeconomic status leads to have good running performance. And then based on the Kruskal-Wallis test result the H value less than that of X^2 value, that $X^2 > H = 3.8415 > 1.200$. This means that low socio-economic status has positive effects on Ethiopian athletes running performance indicated that there were no significance difference between the two respondent groups on the statements of low socio-economic status has positive effects on Ethiopian athletes running performance. The nature of long distance running events are one of the most stressful activities in which a human being can participate voluntarily due to their intensity, duration, and potentially adverse weather conditions, and which require specific physical preparation and tremendous sociological and psychological effort that leads to the athletes success was related with this item result conclusion, because long distance running training with comfortable condition is not convenience.

The study result had shown us that economic problem of Ethiopian athletes' leads to highly motivate to gate good running performance. Success comes with adversity and you will not come to success without difficulty. Ethiopian athletes are well known for overcoming adversity and they have been passing through difficult training times and then their results are excellent all over the world. This condition related with their economic status that to overcome their economic problems through long distance running and they have been motivated to participate on high level training and they have confronting different athletics training related challenges.

Finally economic problems motivated Ethiopian athletes to get good running performance and positive effect on Ethiopian long and middle distance athletes running success.

ETHIOPIAN ATHLETES JOIN FORMAL TRAINING

When Ethiopian long and middle distance running athletes join to formal running training with low socioeconomic status related item responses were positive with both group of respondents and then we can conclude about Ethiopian athletes when they were joined formal athletics training with low socioeconomic status. The descriptive statistical data tell us the respondent mean $M \pm SD = 3.70 \pm 1.076$ and 81.4% of the respondents were agreed with Ethiopian athletes when they joined formal athletics training with low socioeconomic status and the Kruskal-Wallis test with 1df (degree of freedom) and with 0.05 significance level = 0.114 the H value is 2.501 and the table value of X^2 is 3.8415 and then the H value greater than that of $X^2 > H = 3.8415 > 2.501$ the H value less than that of X^2 the statement is accepted as it was, because of there have no significance difference between the respondent group and test result support to accept the null hypothesis that when Ethiopian long and middle distance runners join to formal running training with low socioeconomic status.

ETHIOPIAN ATHLETES FACED ECONOMIC PROBLEMS

Ethiopian athletes have been faced economic problems when joined formal running training related statement = $M \pm SD = 3.99 \pm 1.087$, and 86.1% of the respondents were agreed with Ethiopian athletes have been faced economic problem when they joined formal athletics training. the Wallis test with 1df (degree of freedom) and with 0.05 significance level = 0.114 the H value is 2.501 and the table value of X^2 is 3.8415. Based on this result the H value greater than that of $X^2 > H = 3.8415 > 2.501$. The above statement is accepted as it was, When Ethiopian long and middle distance runners join to formal running training with low socioeconomic status.

SIGNIFICANCE ECONOMIC CHANGE ON THEIR AND FAMILIES` LIFE

The statement forwarded to the respondent group to investigate Ethiopian athletes` significant economic change on Ethiopian athletes` life and their families. The result statistically insignificant results were identified between the two study groups between the two respondent group attitude have not significance difference that long and middle distance running` as well as long and middle distance runner athletes have significant economic change on their and their families. The descriptive statistical result shown ” $M \pm SD = 4.17 \pm 1.019$, and 89.1% of the respondents were agreed with athletics sport has significant economic change on Ethiopian athletes` life and their families` life. The Kruskal-Wallis test with 1df (degree of freedom) and with 0.05 significance level = 0.054 the H value is 3.720 and the table value of X^2 is 3.8415. The

H value greater than that of $X^2 > H=3.8415 > 3.720$. The test result leads to accept the stated item that Ethiopian long and middle distance runners have been made significance economical change on their life as well as their families' life. Ethiopian athletes families were the primary beneficial from Ethiopian athletes and their life totally changed, their life style and living standard were changed through athletes' reward of long and middle distance running rewards. This idea supported by different study results that forwarded Ethiopian athletes motivation to achieve economic success[11],[26]

CONCLUSION

Researchers are nevertheless to confirm a genetic or physiological advantage in being a middle or long distance runner of East African origin, and it is most likely that the reasons for their success are many[27].

Based on this study result of Ethiopian long and middle distance running runners determinants of success were several, among those; Ethiopian long and middle distance running athletes joined to formal running training with low socioeconomic status because of this Ethiopian athletes have been faced economic problems during their running training. These effects to conclude that low socioeconomic status affects Ethiopian long and middle distance running athletes running performance positively, that low SES leads to have high performance, because they pass through the above challenges they have been came successful, athletes' motivation to overcome economic problems (athletics as a livelihood strategy to get out of poverty), the athletes motivation to alleviate their economic problems and to achieve economic goal, [28]. Finally Ethiopian athletes' have been shown significant economic change on Ethiopian athletes' life and their families through international long and middle distance running competition rewards. The other the main factor of Ethiopian athletes' determinants of their success was their role model effect that has been solved economic problems through long and middle distance running competition. This was considered as the social and economical determinants of Ethiopian athletes success, because they have social factors to join long distance running that was running competition reward that changed other Ethiopian long and middle distance running runners life economically and they have role models who were overcame economic problems through long and middle distance running participation.

FUTURE OUTLOOKS

Finally I would like to recommend based on sociological and economical determinants of Ethiopian long distance running athletes success was the main objectives of this study. The critical investigation of this study had been find out the above results on the result part and recommended below.

The nature of long and middle distance running need tough and challenge full physical, social, economical and psychological involvement, hard working habit, strong physical and psychological endurance or stamina. Wonderful Ethiopian athletes' dominancy in the world was the result of confronting the above economical, social, physical, psychological, environmental and skill related determinants. This study have been investigated the following basic questionable issues, but this by itself is not enough and needs additional investigation with scientific method. And a researchers who want to know more about the success of Ethiopian long and middle distance athletes should consider and investigate the following unique characteristics of Ethiopian athletes that:-

Why Ethiopian athletes participating on long and middle distance running events? Why Ethiopian athletes shifted their citizenship? What looks like their level of socioeconomic status? Why the other developed countries athletes participating on long distance running event? What looks like developed countries athletes' socioeconomic status? And other important questions should be treated with scientific method to get the real reason of the success and dominancy of Ethiopian long distance runners.

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