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*por Vicki Ahmad Karisman*

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## Achievement Motivation of Children's Rollerskating Athletes by Gender

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### Abstract

The purpose of this study was to reveal how the achievement motivation of children's roller skating athletes based on gender. The method used is descriptive quantitative through a survey approach. The population in this study amounted to 50 athletes. The sample used amounted to 21 athletes. The sampling technique used Convenience Sampling. This data analysis technique uses percentage analysis. The results of this study indicate that the achievement motivation of female roller skating athletes is in the very good category (13%), good (40%), moderate 27 (%), less (13%), and very less (7%), while the achievement motivation of male athletes is in the very good category (33%), good (0%), moderate (16%), less (16%) and very less (33%). This shows that the achievement motivation of female athletes is higher than the achievement motivation of male athletes.

**Keywords:** Motivation, Children's, athletes

### INTRODUCTION

Success athlete in achievement influenced by motivation high achievement, because if athletes who have motivation achievement tall can overcoming fatigue, control emotions, stress, and anxiety trust self athlete the. Athlete with motivation his achievements tall will pour out all energy and mind For achieve certain targets, everything challenges and demands in the training process carried out with Like ideals, such conditions will develop ability athlete For manage pressure so that No until experiencing burnout (Hannah et al., 2014). On implementation exercise nor match aspect motivation is very important For mastered by athletes. Factors that become basic must mastered by athletes and most importantly in all aspect is mental factors. Every coaches, teachers and coaches sport must understand aspect psychology motivation in sport Because That is base For move and direct behavior and actions somebody in sport. They should too understand athletes must given motivation (Muskanan 2015).

A coach have not quite enough answer more big and potential tall For optimizing athletes to excel in something championship, Existence coach can bring up motivation achievement separately for average athlete face match (adisasmito, 2017). Motivation achievement athlete obtained from his desires and efforts, as well ability in face something failure, so For obtain optimal results are required effort from individual That Alone (Mudrak et al., 2018).

In the Regency Purwakarta own , Development sport shoe wheel start Lots interested with formation of a shoe club wheel in 2016 named Digjaya Inline Skate Purwakarta (DISP) then at the time in 2017 the club change Name became Maung Roller Skate Purwakarta (MARS) as One the only one is club shoes the wheel in Purwakarta which became distributor Good hobby nor performance for child child , plus with it was formed trajectory shoe wheels formed in the complex sport Purnavarman . With exists trajectory shoe wheel That expected can add enthusiasm , motivation For achievement for athletes - athletes shoe wheels in the district Purwakarta . Although trajectory shoe built wheels That No fulfil standard national but athletes - athletes from the shoe club wheel (MARS) has succeed inked achievement at level national , and there were 3 athletes who were successful represent West Java team for compete in the championship First Lady Cup .

In accordance with results observation researcher at the club maung *roller skates* Purwakarta , in some condition based on test speed and physicality at times exercise There is a number of athlete in one group age own almost value the same on the test speed and physique However happen gap or there is constraint moment championship one of them took place that is motivation decreased achievement Good factor intrinsic nor extrinsic . So from That required study .

Based on background behind on has We know that there is gap or something one of the problems motivation achieve as it should support performance a athlete especially in categories children . Until moment This Not yet There is study about motivation achievement athlete shoe wheel children based on gender. In connection with matter the so required study for future research.

#### **METHOD**

Method used in study This use method study quantitative . Types of research This is use type study descriptive with describe object in accordance What exist . Study This intended For obtain description How motivation achievement athlete shoe the wheel that is on the club Maung Roller Skate Purwakarta .

Population in study This is athlete shoe wheel club Maung Roller Skate Purwakarta , numbering 50 athletes. Sampling technique in research This use technique Convenience sampling. Samples used in study This totaling 21 athletes shoe wheel with 15 athletes women and 6 athletes son .

In research This writer using instruments namely motivational questionnaire For collect data, with use scale likert and every question given scores of 5,4,3,2,1 are appropriate rule evaluation.

After reliability testing was carried out Using SPSS , the Cronbach's Alpha value was 0.770. So, got it concluded that instrument This reliable . It means that instrument being tested are in the category tall .

Data analysis techniques used is technique analysis descriptive , analysis Statistics Descriptive is statistics used For analyze data with method describe or describes the data that has been collected a number of technique statistics commonly used including value middle (mean, median, mode) and value variance (variance, standard deviation, range) (Qomusuddin Fanani Ivan and Romlah Siti 2021).

## **RESULT AND DISCUSSION**

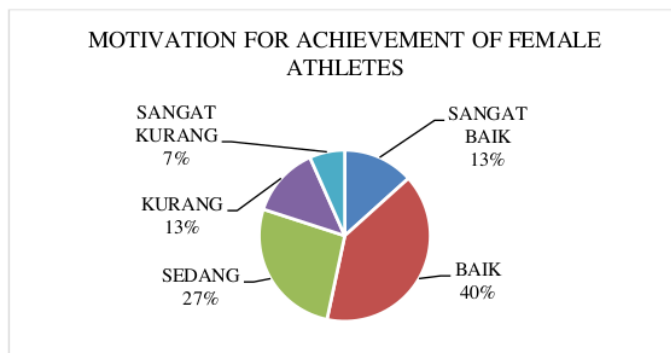
### **Results**

After done testing on the research instrument on March 4-6 2024 for athletes shoe wheel so results analysis the instrument item set in research data collection . In the questionnaire study This there are 18 items consisting of questions from dimensions motivation intrinsic and dimensional motivation extrinsic . On the description processing this data sample shared based on gender ie sons and daughters .

From the results total motivation analysis achievement in athletes shoe wheel Putri Club Maung Roller Skate Purwakarta be measured with questionnaire totaling 18 items question Then analyzed and obtained an average of 75.20 standards deviation amounting to 7.02 marks smallest 59 and value largest 87. Distribution frequency motivation achievement athlete daughter can seen in table 1 and figure 1 below .

**Table 1. Motivation Achievement Female Athlete**

Intervals	Category	Frequency	Percentage
83-88	Very good	2	13%
77-82	Good	6	40%
71-76	Currently	4	27%
65-70	Not enough	2	13%
59-64	Very less	1	7%
	Amount	15	100%



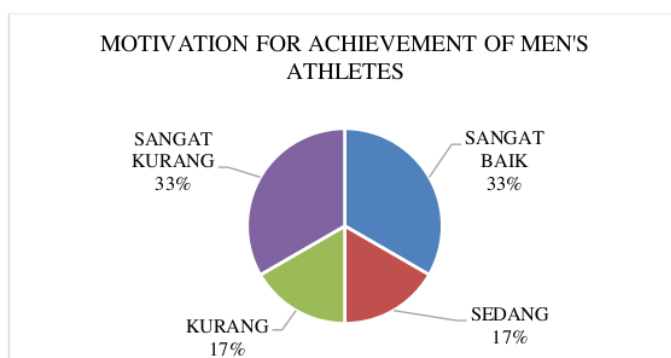
**Figure 1. Percentage Motivation Achievement Female Athlete**

Based on table 1 and figure 1 above can be obtained seen that as many as 2 athletes (13%) have motivation very good achievement , 6 athletes (40%) were good , 4 athletes (27%) were moderate , 2 athletes (13%) were poor , and 1 athlete (7%) had very little motivation . If seen from table on so part big athlete is in the good category .

Furthermore From the results total motivation analysis achievement in athletes shoe wheel Putra Club Maung Roller Skate Purwakarta be measured with questionnaire totaling 18 items question Then analyzed and obtained an average of 71.83 standards deviation amounting to 8.84 marks smallest 61 and value largest 82. Distribution frequency motivation achievement athlete son can seen in table 2 and figure 2 below.

**Table 2. Motivation Achievement Male Athlete**

Intervals	Category	Frequency	Percentage
81-85	Very good	2	33%
76-80	Good	0	0%
71-75	Currently	1	16%
66-70	Not enough	1	16%
61-65	Very less	2	33%
Amount		6	100%



**Figure 2. Percentage Motivation Achievement Male Athlete**

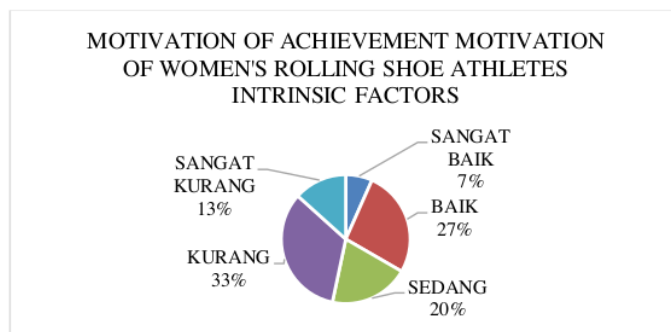
Based on table 2 and figure 2 above can seen that as many as 2 athletes (33%) have motivation very good achievement , 1 athlete (16%) was moderate , 1 athlete (16%) was poor , and 2 athletes (33%) had very little motivation . If seen from table on so part big athlete are in the very good and very poor categories .

Furthermore data description will be explain motivation achievement factor divided intrinsic and extrinsic based on male and female gender , on factors intrinsic to it there are 3 indicators that is personality , achievement and fun . Whereas factor extrinsic in it there are 4 indicators that is method training , facilities , prizes and aspects social .

From the results analysis motivation achievement factor intrinsic to athletes shoe wheel Putri Club Maung Roller Skate Purwakarta be measured with questionnaire consisting of 6 items question Then analyzed and obtained an average of 26.13 standards deviation amounting to 2.44 marks smallest 22 and value largest 30. Distribution frequency motivation achievement athlete son can seen in table 3 and figure 3 below .

**Table 3. Intrinsic Factors Female Athlete**

Intervals	Category	Frequency	Percentage
30-31	Very good	1	7%
28-29	Good	4	27%
26-27	Currently	3	20%
24-25	Not enough	5	33%
22-23	Very less	2	13%
Amount		15	100%



**Figure 3. Percentage of Intrinsic Factors Female Athlete**

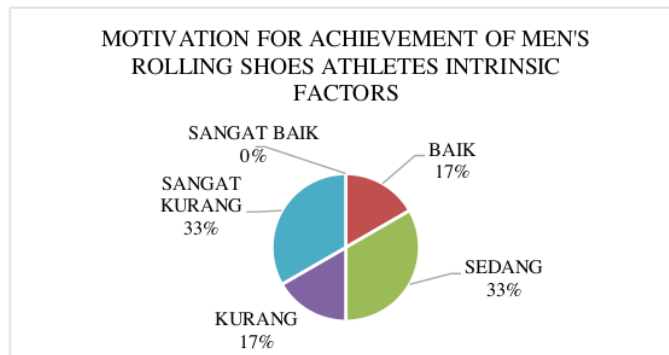
Based on table 3 and figure 3 above can seen that as many as 1 athlete (7%) has motivation very good achievement , 4 athletes (27%) were good , 3 athletes (20%) were moderate , 5 athletes (33%) were poor , and 2 athletes (13%) had very little motivation . If seen from table on so part big athlete is in the less category .

Furthermore from results analysis motivation achievement factor intrinsic to athletes shoe wheel Putra Club Maung Roller Skate Purwakarta be measured with questionnaire consisting

of 6 items question Then analyzed and obtained an average of 26.33 standards deviation amounting to 2.58 marks smallest 23 and value largest 30. Distribution frequency motivation achievement athlete son can seen in table 4 and figure 4 below .

**Table 4. Intrinsic Factors Male Athlete**

Intervals	Category	Frequency	Percentage
31-32	Very good	0	0%
29-30	Good	1	20%
27-28	Currently	2	40%
25-26	Not enough	1	0%
23-24	Very less	2	40%
Amount		6	100%



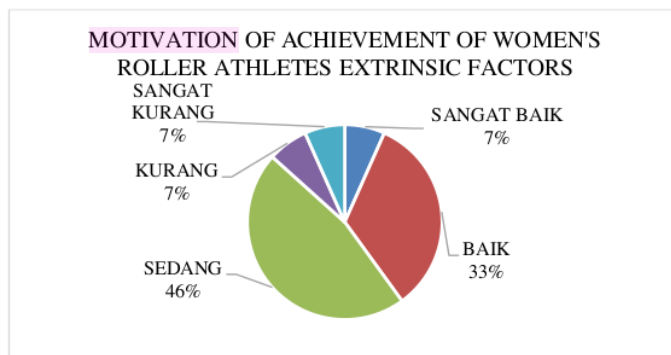
**Figure 4. Percentage of Intrinsic Factors Male Athlete**

Based on table 4 and figure 4 above can seen that as many as 1 athlete (20%) has motivation good achievement , 2 athletes ( 40%) moderate , 1 athlete (17%) less and 2 athletes (40%) have very little motivation . If seen from table on so part big athlete are in the category moderate and very poor .

From the results analysis motivation achievement factor extrinsic in athletes shoe wheel Putri Club Maung Roller Skate Purwakarta be measured with questionnaire totaling 12 items question Then analyzed and obtained an average of 49.07 standards deviation amounting to 5.02 marks smallest 36 and value largest 57. Distribution frequency motivation achievement athlete daughter can seen in table 5 and figure 5 below .

**Table 5. Extrinsic Factors Female Athlete**

Intervals	Category	Frequency	Percentage
56-60	Very good	1	7%
51-55	Good	5	33%
46-50	Currently	7	46%
41-45	Not enough	1	7%
36-40	Very less	1	7%
Amount		15	100%



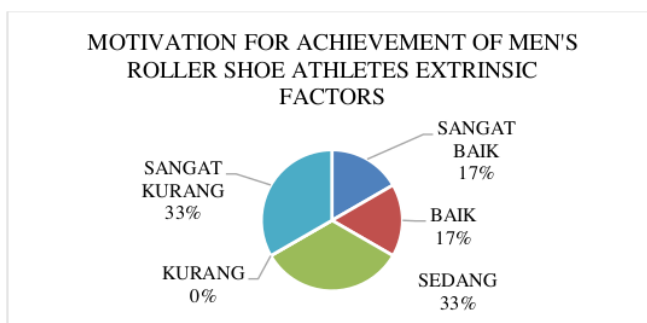
**Figure 5. Percentage of Extrinsic Factors Female Athlete**

Based on table 5 and figure 5 above can seen that as many as 1 athlete (7%) has motivation very good achievement , 5 athletes (33%) were good , 7 athletes (46%) were moderate , 1 athlete (7%) was poor , and 1 athlete (7%) had very little motivation . If seen from tables and figures on so part big athlete are in the category currently .

From the results analysis motivation achievement factor extrinsic in athletes shoe wheel Putra Club Maung Roller Skate Purwakarta be measured with questionnaire totaling 12 items question Then analyzed and obtained an average of 45.50 standards deviation amounting to 6.89 marks smallest 37 and value largest 54. Distribution frequency motivation achievement athlete son can seen in table 6 and figure 6 below .

**Table 6. Extrinsic Factors Male Athlete**

Intervals	Category	Frequency	Percentage
53-56	Very good	1	17%
49-52	Good	1	17%
45-48	Currently	2	33%
41-44	Not enough	0	0%
37-40	Very less	2	33%
Amount		6	100%



**Figure 6. Percentage of Extrinsic Factors Male Athlete**



Based on table 6 and figure 6 above can seen that as many as 1 athlete (17%) has motivation very good achievement , 1 athlete (17%) was good , 2 athletes (33%) were average , and 2 athletes (17%) had very little motivation . If seen from tables and figures on so part big athlete are in the category moderate and very poor.

### **Discussion**

Research result reveal that motivation achievement athlete daughter tend more Good than athlete son . Motivation achievement athlete daughter is in the good category whereas motivation achievement athlete son are in the very good and very poor categories , matter This in line as mentioned according to sousa , that Girl more Like use up time in room . Because in room structured , child Woman more exposed to language via radio and TV, and them more aware time Because there are hours, media, and members family others who don't at home . Boys elsewhere more Like use up time in a place that is not organized ; they more depending on space rather than in time . They speed up game they myself , because child man play more Lots with visual rather than verbal abilities , and they only use Language For finish task . Behavior This increase visual, special , and temporary abilities (David A, 2011)

Motivation is helpful components athlete reach performance . Motivation can defined as urge , desire , or strong interest in self We For reach something performance (Jalawasesa Wiqrima Virly Prabu and Fajar Kharis Muhammad 2022). Every coaches , teachers and coaches sport must understand aspect psychology motivation in sport Because That is base For move and direct behavior and actions somebody in sport . They should too understand which athletes should given motivation (Muskanan 2015). So from That motivation important For owned athlete shoe wheel club Maung Roller Skate Purwakarta To use support achievements performance his . Based on calculation the results of the data obtained showing that athlete son are in the very good (33%) and very poor (33%) categories , meanwhile athlete daughter is in the good category ( 40%) with thereby athlete daughter more tend own good motivation than athlete still son is in the very poor category , then from That need support from coaches , parents , friends and anything else that can help increase motivation achievement athlete That Alone .

Spirit can fueled by motivation , which also works as material burn and drive , and have ability For change Act in demand man For do more things Good for himself himself and his environment . The process of generating , maintaining , and controlling interest known as motivation (Ruiz et al. 2019). Motivation is possible circumstances push somebody For do something they want (Chan Rusdi Farid and Aziz Ishak 2020).

Performance refers to what will be done athlete after do Skills certain (Moradi, Bahrami, and Dana 2020). Success athlete in reach known program objectives as performance (Nascimento Junior et al. 2020). Performance is resulting achievements from evaluation based on internal and

external standards , which encourage athlete For participate in competition with other people (Ong 2019).

Motivation achievement become important To use support achieved success athlete , if condition motivation athlete low so can influential to appearance or his achievements moment compete , especially in groups age children who psychological his Still unstable, necessary Keep going driven and motivated both by coaches, parents, as well the environment. In terms of motivation intrinsic , drive For do something Already There is in self everyone , so No need pushed from source outside . Someone who enjoys reading , for example , does not need pushed or pushed For do it ; he Alone diligent look for book For be read . Then , if seen from objective activities carried out , such as learning , in question with motivation intrinsic This is For reach contained objectives in activity That Alone . The nature of motivation intrinsic endure more worn compared to use motivation extrinsic , because motivation intrinsic appear on enlightenment self athlete as well as No always is in yourself athlete (Zaker & Parnabas, 2018). For achievement sport in a way maximum performance must developed through activity programmed , directed , planned coaching through activity tiered in a relatively long time based on the concept periodization and principles exercise in a way methodology its application in the field (Nurajab, 2022).

Motives that are active and functional Because stimulant from outside called extrinsic motives . As example , someone Study Because know that exam will held Tomorrow Morning with hope get good grades and earn praise from his girlfriend or her friend . So, that's important No Because want to study , but Because want to get mark or present . Therefore that , when seen from perspective objective activities carried out , activities That No in a way direct related with essence activity That . Therefore that 's motivation extrinsic can also be defined as type motivation where the task Study initiated and continued by impulse from the outside does n't fully related with task (Prihartanta Widayat 2015). Based on calculation data motivation achievement factor intrinsic athlete daughter are in the category less (33%) whereas athlete son are in the category moderate and very poor (40%), then factor extrinsic athlete daughter are in the category moderate (46%) and athletes son are in the category moderate and very poor (33%). Intrinsic factors influenced by several aspect among them personality, fun and achievement . Whereas factor extrinsic influenced by method exercise , facilities , social , and rewards . reason the height motivation performance athlete based on factor influence situation that is comfort environment place athlete practice, okay in facet physique the place nor facet interaction between perpetrator ( inter athlete , athlete with coaches and athletes with parents athlete) (Sri Kuspriyani, Setyawati Pendowo, et al., 2014).

Research result <sup>9</sup> this is also in line with results research by Cahlil, Gazzaniga et al, Gur et al, Hyde and Linn as well Njemante (David A, 2011) disclose that between boy and girl There is a number of difference. After given a trial, apparently Woman more Good in trials speed understanding, fluency talk, decide placement subject (sort) identify characteristic features Specific subject, accuracy tasks manual. Meanwhile man more Good in task special (regarding with space) like imagine round subject three dimensions, motor skills with specific targets, determine ordered shape in complex and deep diagrams give reason mathematical.

### CONCLUSION

Motivation is part from field useful psychology as pusher somebody For reach something objective. For athletes motivation High achievement is very important as effort support appearance as well as results good performance in competition , motivation Can obtained through two factors that is intrinsic and extrinsic.

Based on results data analysis, testing results research and discussion can taken conclusion that motivation achievement athlete shoe wheel daughter is in the good category whereas athlete shoe wheel son are in the very good and very poor categories.

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