



Relationship of Gram panchayat members with their role performance in agriculture development

S.B. JADHAV, P.L. PATEL AND B.C. CHAUDHARI

See end of the article for authors' affiliations

Correspondence to :

S.B. JADHAV
College of Agriculture,
Shahada,
NANDURBAR (M.S.)
INDIA

ABSTRACT

The present study was undertaken with the specific objectives to know the relationship characteristics of Grampanchayat members with their role performance in agricultural development. From present study, it was concluded that majority of Grampanchayat members were performing better individual role performance and better group role performance in agricultural activities and functions. The study revealed that age had negatively significant impact while education, landholding, annual income, socio-economic status, social participation, and cosmopolitanism and extension contact had significant impact on the individual and group role performance of Grampanchayat members in agricultural activities.

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INTRODUCTION

Gandhiji had spoken of Gram swaraj (Village republics) in which adult villagers would annually elect the government and which would have authority and jurisdiction in the fields of legislation, jurisdiction and executive decision making without interference from state government. Panchayat Raj in Maharashtra came into being in May 1962 with the enactment of Zilla parishad and Panchayat samiti Act. The Grampanchayat has been assigned the various duties out of which agriculture development was to be implemented by itself and its members, decide the success or failure of democracy decentralization.

Today, farmers alone cannot bring the development in agriculture to increase agriculture production and productivity. The farmers want more recourses from outside rather than natural recourses. Therefore, the present study was undertaken with the specific objectives to know the relationship characteristics of Grampanchayat members with their role performance in agricultural development.

METHODOLOGY

The present study was conducted in purposively selected Kalmeshwar Tahasil of

Nagpur district of Maharashtra State in India. Kalmeshwar panchayat samiti consists of 108 villages under 51 Grampanchayat from which 20 Grampanchayat were selected and 150 respondents were selected by using random numbers sampling for the study. A schedule was designed to collect the information with the objectives of the study. For studying the relationship among selected characteristics, correlation of coefficient was worked out by calculating the relationship between personal, socio-economic and communicational characteristics of the Grampanchayat members with their role performance in agricultural development in individual and group category separately.

RESULTS AND ANALYSIS

Table 1 shows that majority of Grampanchayat members were found to age category of 35 to 51 years. 85.44 per cent Grampanchayat members were from middle and young age category and had medium level of individual role performance and regarding group role performance of Grampanchayat members, it was indicated that 91.30 per cent 85.44 members from young and middle age category had low and medium level of role performance. There was negatively significant

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Table 1 : Distribution of Gram panchayat members according to their age and relationship of age with individual role performance and group role performance

Sr. No.	Age in year	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	Up to 34	23(15.34)	1(4.35)	18(78.26)	4(17.39)	1(4.35)	21(91.30)	1(4.35)
2.	35 to 51	103(68.66)	5(4.86)	88(85.44)	10(9.70)	6(5.82)	88(85.44)	9(8.74)
3.	52 and above	24(16.00)	16(66.66)	8(33.34)	00(00.00)	19(79.16)	5(20.84)	00(00.00)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(16.66)

r =0.7565*

r =0.7077*

Figure in parenthesis indicate percentage

* = Negatively significant at 0.01 level of probability

relationship between age and individual role as well as group performance of Grampanchayat members in the agricultural development activities.

Table 2 reveals that majority of Grampanchayat members were found to be educated up to 11th std. and above. 95.12 per cent and 81.70 per cent members from High School and College level education had medium level of individual role performance and regarding group role performance of Grampanchayat members, 95.12 per cent and 84.15 per cent members had 8th to 10th standard and 11th and above education had medium level of performance. Education had highly significant impact on the individual and group role performance of Grampanchayat members in the agricultural development activities.

Table 3 indicates that majority of Grampanchayat members belonged to medium land holding category *i.e.* 5.1 to 10.0 ha. 92.30 per cent and 78.05 per cent members from medium and high land holding had medium level of individual role performance and regarding group role performance of Grampanchayat members 90.25 per cent and 87.18 per cent members from high and medium land medium level of role performance. The farm size has shown positively significant relationship with the individual and group role performance of Grampanchayat members in the agricultural development activities.

Table.4 reveals that majority of Grampanchayat members were placed in medium annual income category *i.e.* 57 to 96 thousands rupees. 87.17 per cent and 80.00 per cent members belonged to medium and high annual

Table 2 : Distribution of Gram panchayat members according to their education & relationship of education with individual role and group role performance

Sr. No.	Education level	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1	Up to 4 th std	6(4.00)	4(66.66)	2(33.34)	00(00.00)	4(66.66)	2(33.34)	00
2	5 th to 7 th std	21(14.00)	15(71.43)	6(28.57)	00(00.00)	15(71.43)	4(19.04)	2(9.59)
3	8 th to 10 th std	41(27.34)	2(4.88)	39(95.12)	00(00.00)	2(4.88)	39(95.12)	00(00.00)
4	11 th and above	82(54.66)	1(1.23)	67(81.70)	14(17.07)	5(6.09)	69(84.15)	8(9.76)
5	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r =0.8198**

r =0.7834**

Figure in parenthesis indicate percentage

** = Significant at 0.01 level of Probability.

Table 3 : Distribution of Gram panchayat members according to their land holding and relationship of land holding with individual role performance and group role performance

Sr. No.	Land holding capacity	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	Up to 5.0 ha	31(20.66)	21(67.75)	10(32.25)	00(00.00)	22(70.96)	9(29.04)	00
2.	5.1 to 10.0 ha	78(52.00)	1(1.28)	72(92.30)	5(6.42)	4(5.13)	68(87.18)	6(7.69)
3.	10.1 ha and above	41(27.34)	00(00.00)	32(78.05)	9(21.95)	00(00.00)	37(90.25)	4(9.75)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r =0.8511**

r =0.7964**

Figure in parenthesis indicate percentage

** = Highly significant at 0.01 level probability.

Table 4 : Distribution of Gram panchayat members according to their annual income and relationship of annual income with individual role performance and group performance

Sr. No.	Annual income in '000'Rs)	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	Up to 56	23(15.33)	18(78.26)	4(17.39)	1(4.35)	18(78.26)	5(21.74)	00(00.00)
2.	57 to 96	117(78.00)	4(3.43)	102(87.17)	11(9.40)	8(6.84)	100(85.47)	9(7.69)
3.	97 and above	10(6.66)	00(00.00)	8(80.00)	2(20.00)	00(00.00)	9(90.00)	1(10.00)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r=0.8780**

r=0.8146**

Figure in parenthesis indicate percentage

**= Significant at 0.01 level probability

income category had medium level of individual role performance and regarding group role performance of Grampanchayat members 90.00 per cent and 85.47 per cent members from high and medium annual income category and had medium level of role performance. There was significant relationship between annual income and individual and group role performance of Grampanchayat members in the agricultural development activities and functions.

Table 5 indicate that majority of Grampanchayat members were in medium socio-economic category *i.e.* 25 to 33. 92.78 per cent and 52.18 per cent members belonged to medium and high socio-economic status category had medium level of individual role performance and regarding group role of Grampanchayat members, 86.59 per cent and 78.27 per cent members from medium

and high socio-economic status had medium level of role performance. The socio-economic status of members was found to have significant relationship with individual role and group performance in agricultural development activities and functions.

Table 5 reveals that majority of Grampanchayat members found to have medium level of social participation *i.e.* 4 and 87.5 per cent and 86.14 per cent Grampanchayat members belonged to high and medium social participation category and had medium level of individual role performance and regarding group role performance, 90.09 per cent and 75.00 per cent members from medium and high social participation category had medium level of role performance. The social participation has shown positively significant relationship with the role performance of Grampanchayat members in agricultural

Table 5 : Distribution of Gram panchayat members, according to their socio-economic status and relationships of socio-economic status with individual role performance and group role performance

Sr. No.	Socio-economic status category	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	Low up to 24	30(20.00)	16(53.34)	12(40.00)	2(6.66)	18(60.00)	12(40.00)	00(00.00)
2.	Medium 25 to 33	97(64.66)	4(4.13)	90(92.78)	3(3.09)	7(7.23)	84(86.59)	6(6.18)
3.	High 34 and above	23(15.34)	2(8.69)	12(52.18)	9(39.13)	1(4.34)	18(78.27)	4(17.89)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r=0.7211**

r=0.7076**

Fig. In Parenthesis indicate percentage

**= Highly significant at 0.01 level probability

Table 6 : Distribution of Gram panchayat members, according to their social participation and relationship of social participation with individual role performance and group role performance

Sr. No.	Social participation category	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	up to 3	41(27.33)	20(48.78)	20(48.78)	1(2.44)	23(56.09)	17(41.47)	1(2.44)
2.	4	101(67.33)	2(1.98)	87(86.14)	12(11.88)	3(2.97)	91(90.09)	7(6.94)
3.	5 and above	8(5.33)	00(00.00)	7(87.5)	1(12.5)	00(00.00)	6(75.00)	2(25.00)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r=0.6868**

r=0.6391**

Figure in parenthesis indicate percentage

**= Significant at 0.01 level probability.

Table 7 : Distribution of Gram panchayat members, according to their Cosmo politeness and relationship of Cosmo politeness with individual role performance and group role performance

Sr. No.	Socio-economic status category	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1.	Up to 8	34(22.66)	13(38.24)	21(61.76)	00(00.00)	16(47.05)	18(52.95)	00(00.00)
2.	9 to 11	61(40.67)	7(11.48)	51(83.60)	3(4.92)	7(11.48)	51(83.60)	3(4.92)
3.	12 and above	55(36.67)	2(3.64)	42(76.36)	11(20.00)	3(5.45)	45(81.82)	7(12.73)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r =0.5861**

r =0.4792**

Figures in parenthesis indicate percentage

** indicates significance of value at P=0.01

Table 8 : Distribution of Gram panchayat members, according to their extension contact and relationship of extension contact with individual role performance and group role performance

Sr. No.	Extension contact category	Total (n=150)	Individual role performance category			Group role performance category		
			Low	Medium	High	Low	Medium	High
1	Up to 6	37 (24.67)	16(43.24)	21(56.76)	00(00.00)	17(45.94)	20(54.06)	00(00.00)
2	7 to 8	58(38.66)	4(6.89)	53(91.38)	1(1.73)	8(13.79)	49(84.48)	1(1.73)
3	9 and above	55(36.67)	2(3.64)	40(72.72)	13(26.64)	1(1.82)	45(81.82)	9(16.36)
	Total	150(100.00)	22(14.66)	114(76.00)	14(9.34)	26(17.34)	114(76.00)	10(6.66)

r =0.7049**

r =0.5992**

Figures in parenthesis indicate percentage

** indicates significance of value at P=0.01

development activities.

Table 7 shows that majority of Grampanchayat members belonged to medium cosmopoliteness category *i.e.* 9 to11. Similarly 83.60 per cent and 76.36 per cent Grampanchayat members from medium and high cosmopoliteness category had medium level of individual role performance and regarding group performance, 83.60 per cent and 81.82 per cent Grampanchayat members from medium and high cosmopoliteness category had medium level of role performance, The relation between cosmopoliteness and role performance of Grampanchayat members was found significant in agricultural development activities.

Table 8 reveals that majority of Grampanchayat members belonged to medium extension contact level *i.e.* 7 to 8. Similarly, 91.38 per cent and 72.72 per cent members came under medium and high extension contact level and had medium level of individual role performance and regarding group performance, 84.48 per cent and 81.82 per cent members were placed in medium and high extension contact level and had medium level of role performance. There was significant relationship between contact of extension agencies and role performance of Grampanchayat members in agricultural activities. Swarnkar *et al.* (1997), Kadam and Valunj (1982) and Gawande (1998) have also conducted similar type of investigations in past.

Conclusion:

From the present study, it was concluded that majority of Grampanchayat members were performing better individual role performance and better group role performance in agricultural activities and functions. The study revealed that age had negatively significant impact while education, landholding, annual income, socio-economic status, social participation, and cosmopoliteness and extension contact had significant impact on the individual and group role performance of Grampanchayat members in agricultural activities.

Authors' affiliations:

P.L. JADHAV AND B.C. CHAUDHARI, College of Agriculture, Shahada, NANDURBAR (M.S.) INDIA

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