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Impact of COVID-19 on animal health care services in Karnataka

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Supplementary Table 1. General information of the livestock farmers in the study area

Particulars	Bellary (n=76)	Chitradurga (n=94)	Pooled (N=170)
Gender			
Male	68 (89.5)	82 (87.2)	150 (88.2)
Female	8 (10.5)	12 (12.8)	20 (11.8)
Average age (Years)	34	32	33
Education			
Illiterates	43 (56.6)	33 (35.1)	76 (44.7)
Primary	14 (18.4)	23 (24.5)	37 (21.8)
Secondary	10 (13.2)	16 (17.0)	26 (15.3)
Higher secondary	5 (6.6)	13 (13.8)	18 (10.6)
Graduation and above	4 (5.3)	9 (9.6)	13 (7.6)
Years of experience	14	11	13

Note: Figures in the parenthesis indicate percentage of their total.

Supplementary Table 2. General particulars of the veterinarians in the study area

Particulars		Bellary (n=12)	Chitradurga (n=12)	Pooled (N=24)
Gender				
Male		9 (75.0)	8 (66.7)	17 (70.8)
Female		3 (25.0)	4 (33.3)	7 (29.2)
Average age (Years)		37	33	35
Level of education				
UG (BVSc. and AH)		7 (58.3)	4 (33.3)	11 (45.8)
PG (MVSc.)		5 (41.7)	8 (66.7)	13 (54.2)
Average years of experience		9	7	8
Service stretch				
Villages covered per veterinarian (No.)	Average	13	15	14
	Range*	(4-41)	(4-36)	(4-41)
Veterinary dispensaries under the control of each veterinarian (No.)	Average	3	2	2
	Range*	(2-5)	(2-3)	(2-5)

Note: Figures in the parenthesis indicates percentage of their total. *Indicates the range values (minimum and maximum).

Supplementary Table 3. Extent of government schemes implementation by the veterinarians during the lockdown in the study districts in Karnataka

Name of the scheme	Bellary						Chitradurga						Pooled						Repeated ANOVA on Application Received (BL vs DL)	Repeated ANOVA on application processed (BL vs DL)
	Before lockdown			During lockdown			Before lockdown			During lockdown			Before lockdown			During lockdown				
	AR	AP	AUP	AR	AP	AUP	AR	AP	AUP	AR	AP	AUP	AR	AP	AUP	AR	AP	AUP		
Livestock Insurance Scheme	241 (67.3)	237 (70.3)	4 (19.1)	339 (100)	331 (100)	8 (100)	232 (50)	212 (55.5)	20 (24.4)	217 (100)	209 (100)	8 (100)	473 (57.5)	449 (62.4)	24 (23.3)	556 (100)	540 (100)	16 (100)	$A_{(f\text{-value})}$= 1.72 $B_{(f\text{-value})}$= 0.59	$A_{(f\text{-value})}$= 1.87 $B_{(f\text{-value})}$= 1.026
Pashubhagya	107 (29.9)	90 (26.7)	17 (80.9)	0 (0)	0 (0)	0 (0)	212 (45.7)	150 (39.3)	62 (75.6)	0 (0)	0 (0)	0 (0)	319 (38.8)	240 (33.4)	79 (76.7)	0 (0)	0 (0)	0 (0)	$A_{(f\text{-value})}$= 1 $B_{(f\text{-value})}$= 66.86***	$A_{(f\text{-value})}$= 1 $B_{(f\text{-value})}$= 82.6***
Other subsidy schemes*	10 (2.8)	10 (3.0)	0 (0.00)	0 (0)	0 (0)	0 (0)	20 (4.3)	20 (5.2)	0 (0)	0 (0)	0 (0)	0 (0)	30 (3.7)	30 (4.2)	0 (0)	0 (0)	0 (0)	0 (0)	$A_{(f\text{-value})}$= 1 $B_{(f\text{-value})}$= 3.35**	$A_{(f\text{-value})}$= 1 $B_{(f\text{-value})}$= 3.35**
Total no. of applications	358 (100)	337 (100)	21 (100)	339 (100)	331 (100)	8 (100)	464 (100)	382 (100)	82 (100)	217 (100)	209 (100)	8 (100)	822 (100)	719 (100)	103 (100)	556 (100)	540 (100)	16 (100)	$A_{(f\text{-value})}$= 0.91 $B_{(f\text{-value})}$= 1.11	$A_{(f\text{-value})}$= 1.64 $B_{(f\text{-value})}$= 2.731

Note: Figures in the parenthesis indicates percentage to the total application across schemes. '*' – Tribal sub-plan (TSP), Special component plan (SCP) and Special livestock development plan, etc. AR, Application received; AP, Application processed; AUP, Application unprocessed. *Source*: Compiled from the primary data collected from veterinarians.

Supplementary Table 4. Self-administration pattern of drugs, vaccine and nutritional supplements in sheep and goats during different periods of lockdown in Karnataka

Particulars	Bellary (n=76)			Chitradurga (n=94)			Pooled (N=170)		
	BL	DL	AL	BL	DL	AL	BL	DL	AL
Drugs/medicines									
Deworming	56 (73.7)	62 (81.6)	52 (68.4)	82 (87.2)	86 (91.5)	76 (80.9)	138 (81.2)	148 (87.1)	128 (75.3)
Diarrhea	59 (77.6)	68 (89.5)	62 (81.6)	78 (83)	81 (86.2)	80 (85.1)	137 (80.6)	149 (87.7)	142 (83.5)
Ulcer	14 (18.4)	24 (31.6)	18 (23.7)	21 (22.3)	38 (40.4)	22 (23.4)	35 (20.6)	62 (36.5)	40 (23.5)
Bloating	13 (17.1)	21 (27.6)	18 (23.7)	25 (26.6)	34 (36.2)	30 (31.9)	38 (22.4)	55 (32.4)	48 (28.2)
Vaccination									
PPR	15 (19.7)	28 (36.8)	36 (47.4)	21 (22.3)	27 (28.7)	38 (40.4)	36 (21.2)	55 (32.3)	74 (43.5)
ET	20 (26.3)	25 (32.9)	33 (43.4)	25 (26.6)	30 (31.9)	34 (36.2)	45 (26.5)	55 (32.4)	67 (39.4)
HS	12 (15.8)	24 (31.6)	10 (13.2)	18 (19.1)	32 (34)	21 (22.3)	30 (17.7)	56 (32.9)	31 (18.2)
Nutritional supplements									
Growth improvement (including feed supplements)	52 (68.4)	58 (76.3)	60 (78.9)	77 (81.9)	85 (90.4)	82 (87.2)	129 (75.9)	143 (84.1)	142 (83.5)
Liver tonic	32 (42.1)	53 (69.7)	58 (76.3)	80 (85.1)	76 (80.9)	82 (87.2)	112 (65.9)	129 (75.9)	140 (82.3)

Source: compiled from the primary data collected from the livestock farmers. Note: Figures in parenthesis indicate percentage.