Dataset description

This dataset was created from the results of 1,143 disease reports by 15 trained female village sentries in 5 villages within two districts of Nepal (Nuwakot and Dhading). This dataset includes the disease report date, the coded sentry number, the district, village and ward number of the report, the number of days of the illness and the livestock species type, the number of that livestock species owned by the farmer, the number of sick animals and the number of deceased animals, the disease signs reported by the farmer, the suggestion of the diagnosis from the sentry, and the desired response by the livestock owner. This dataset was collected through the research of the project "Empowerment of Village Women for Detection and Control of Livestock Diseases in Nepal" lead by Colorado State University as part of the Feed the Future Innovation Lab for Livestock Systems.

Survey Codebook

Dataset: Village Women_DiseaseReports_12.12.2018

Category	Variable	Definition	Metric
Identifier	Reporting Date-time	Time survey was conducted	Date (month/day/year hour (0-24) minute)
Identifier	Sentry Number	Coded number for sentry conducting survey to preserve anonymity	Categorical (1 – 17)
Identifier	District	District name	District name string
Identifier	Village	Village name	Village name string
Identifier	Ward	Ward number	Categorical (1 – 9)
Animal health	Duration of illness (days)	Number of days of illness	Numeric
Animal health	Species	Species of afflicted animal	Categorical (buffalo, cattle, chicken, goat, pig)
Animal health	Total number of that species	Total number of the afflicted species owned	Numeric
Animal health	Number of sick animals	Total number of sick animals of that species	Numeric
Animal health	Number of dead animals	Total number of dead animals of that species	Numeric
Animal health	Disease signs	Symptoms of disease	Categorical variable of disease symptoms (includes multiple symptoms)
Animal health	Dyspnea	Dyspnea symptom	Indicator variable (0/1: no/yea) on presence of dyspnea
Animal health	Downer	Downer symptom	Indicator variable (0/1: no/yea) on presence of downer

Category	Variable	Definition	Metric
Animal health	Blisters	Blisters symptom	Indicator variable (0/1: no/yea) on presence of blisters
Animal health	Discharge	Discharge symptom	Indicator variable (0/1: no/yea) on presence of discharge
Animal health	Skin Disease	Skin Disease symptom	Indicator variable (0/1: no/yea) on presence of skin disease
Animal health	Duration of illness (days)	Number of days of illness	Numeric
Animal health	Species	Species of afflicted animal	Categorical (buffalo, cattle, chicken, goat, pig)
Animal health	Total number of that species	Total number of the afflicted species owned	Numeric
Animal health	Number of sick animals	Total number of sick animals of that species	Numeric
Animal health	Number of dead animals	Total number of dead animals of that species	Numeric
Animal health	Disease signs	Symptoms of disease	Categorical variable of disease symptoms (includes multiple symptoms)
Animal health	Dyspnea	Dyspnea symptom	Indicator variable (0/1: no/yea) on presence of dyspnea
Animal health	Downer	Downer symptom	Indicator variable (0/1: no/yea) on presence of downer
Animal health	Blisters	Blisters symptom	Indicator variable (0/1: no/yea) on presence of blisters
Animal health	Discharge	Discharge symptom	Indicator variable (0/1: no/yea) on presence of discharge
Animal health	Skin Disease	Skin Disease symptom	Indicator variable (0/1: no/yea) on presence of skin disease
Animal health	Mastitis	Mastitis symptom	Indicator variable (0/1: no/yea) on presence of mastitis
Animal health	Sudden Death	Sudden Death symptom	Indicator variable (0/1: no/yea) on presence of sudden death

Category	Variable	Definition	Metric
Animal health	Lameness	Lameness symptom	Indicator variable (0/1: no/yea) on presence of lameness
Animal health	Behavior	Behavior symptom	Indicator variable (0/1: no/yea) on presence of behavior symptom
Animal health	Diarrhea	Diarrhea symptom	Indicator variable (0/1: no/yea) on presence of diarrhea
Animal health	Paralysis	Paralysis symptom	Indicator variable (0/1: no/yea) on presence of paralysis
Animal health	Abortion	Abortion symptom	Indicator variable (0/1: no/yea) on presence of abortion
Animal health	Dystocia	Dystocia symptom	Indicator variable (0/1: no/yea) on presence of dystocia
Animal health	Infertility	Infertility symptom	Indicator variable (0/1: no/yea) on presence of infertility
Animal health	Other	Other symptom	Indicator variable (0/1: no/yea) on presence of other symptom
Animal health	Sentry suggestion on diagnosis	Sentry's suggestion of diagnosis	String of sentry's suggestion
Animal health	Desired response by owner	Response desired by animal owner	Categorical variable
Animal health	DLSO	Response desired by owner from a Department of Livestock Services Officer	Indicator variable (0/1: no/yea) on desired response from DLSO
Animal health	Healer	Response desired by owner from DLSO	Indicator variable (0/1: no/yea) on desired response from healer
Animal health	Ownerparavet	Response desired by owner from the	Indicator variable (0/1: no/yea) on desired response from owner paravet
Animal health	Sentryparavet	Response desired by owner from a sentry paravet	Indicator variable (0/1: no/yea) on desired response from sentry paravet
Animal health	None	No response desired by owner	Indicator variable (0/1: no/yea) on no desired response

Category	Variable	Definition	Metric
Animal health	Vet	Response desired by owner from a veterinarian	Indicator variable (0/1: no/yea) on desired response from veterinarian