

Supplementary table 1: The portion of (%) current range of the 29 studied snake species distributed over 15 contributory categories of the studied variables.

Species name	Character of habitat	outside the regular flood zone	Altitude (0 – 100 m)	Eastside of the river barrier	Ganges delta	Northwest side of the river barrier	Hilly ecosystem	Flood plains ecosystem	Tropical hilly forest	Mangrove forest (the Sundarbans)	Village forest	South-eastern climatic subzone	North-eastern climatic subzone	Cropland land use	Evergreen needle-leaved forest land use	Evergreen broad-leaved forest land use
<i>Ahaetulla prasina</i> ¹	Eastern climatic Hilly ecosystem, tropical hilly forest,	98.10	67.16	75.10	24.90	0.00	67.78	1.87	67.20	25.61	4.79	87.81	3.30	7.39	29.29	27.10
<i>Boiga cyanea</i> ¹		99.09	66.17	74.38	25.62	0.00	69.84	1.49	69.02	26.30	4.67	90.51	3.40	6.16	30.09	27.55
<i>Boiga gokool</i> ¹		98.77	53.37	100.00	0.00	0.00	97.10	2.06	93.69	0.00	6.31	94.20	4.54	5.69	40.46	13.35
<i>Boiga ochracea</i> ¹		98.77	53.37	100.00	0.00	0.00	97.10	2.06	93.69	0.00	6.31	94.20	4.54	5.69	40.46	13.35
<i>Boiga siamensis</i> ¹		78.69	92.03	100.00	0.00	0.00	65.27	33.60	88.48	0.00	11.52	0.00	78.30	14.42	21.24	41.34
<i>Bungarus niger</i> ²		89.63	77.73	72.76	16.72	10.51	52.09	21.94	44.07	17.03	38.84	58.86	26.40	30.64	19.71	18.41
<i>Calliophis melanurus</i> ²		98.77	53.37	100.00	0.00	0.00	97.10	2.06	93.69	0.00	6.31	94.20	4.54	5.69	40.46	13.35
<i>Ovophis monticola</i> ³		100.00	1.70	100.00	0.00	0.00	100.00	0.00	82.26	0.00	17.74	100.00	0.00	0.12	56.49	22.00
<i>Psammodynastes pulverulentus</i> ¹		97.48	55.27	100.00	0.00	0.00	93.14	2.57	90.33	0.00	6.41	90.46	4.36	7.37	38.99	13.25
<i>Pseudoxenodon macrops</i> ¹		100.00	85.71	100.00	0.00	0.00	100.00	0.00	97.74	0.00	2.26	0.00	100.00	0.28	25.72	69.54
<i>Rhabdophis himalayanus</i> ¹		78.69	92.03	100.00	0.00	0.00	65.27	33.60	88.48	0.00	11.52	0.00	78.30	14.42	21.24	41.34
<i>Rhabdophis subminiatus</i> ¹		78.69	92.03	100.00	0.00	0.00	65.27	33.60	88.48	0.00	11.52	0.00	78.30	14.42	21.24	41.34
<i>Trimeresurus albolabris</i> ³		99.09	66.17	74.38	25.62	0.00	69.84	1.49	69.02	26.30	4.67	90.51	3.40	6.16	30.09	27.55
<i>Trimeresurus erythrurus</i> ³		99.09	66.17	74.38	25.62	0.00	69.84	1.49	69.02	26.30	4.67	90.51	3.40	6.16	30.09	27.55

<i>Trimeresurus gramineus</i> ³		99.09	66.17	74.38	25.62	0.00	69.84	1.49	69.02	26.30	4.67	90.51	3.40	6.16	30.09	27.55
<i>Trimeresurus popeiorum</i> ³		100.00	38.15	100.00	0.00	0.00	100.00	0.00	79.88	0.00	20.12	100.00	0.00	1.73	48.42	8.25
<i>Ahaetulla nasuta</i> ¹	Village forest and crop land	73.01	95.01	48.43	26.70	24.87	14.83	46.30	7.77	3.17	87.98	25.43	7.88	63.86	4.71	5.89
<i>Amphiesma platyceps</i> ¹		85.83	99.97	0.07	0.02	99.91	0.00	45.75	0.00	0.00	99.35	0.00	0.00	81.80	0.01	0.48
<i>Boiga trigonata</i> ¹		90.96	82.32	53.69	4.13	42.17	32.51	38.74	20.48	0.00	78.70	33.11	9.86	53.72	14.83	4.09
<i>Bungarus caeruleus</i> ²		73.63	95.09	48.33	26.55	25.12	14.69	45.77	7.87	3.16	88.05	25.21	7.82	63.45	4.67	5.77
<i>Bungarus fasciatus</i> ²		73.57	95.11	48.51	26.46	25.03	14.64	45.78	7.84	3.14	87.93	25.12	7.79	63.45	4.66	5.78
<i>Bungarus lividus</i> ²		88.30	100.00	33.13	29.89	36.98	1.20	51.51	0.07	10.02	88.06	21.23	2.09	69.84	0.03	11.72
<i>Bungarus walli</i> ²		78.73	99.72	41.19	25.77	33.05	11.67	41.07	5.09	4.96	86.15	29.69	0.00	61.58	1.30	7.56
<i>Daboia russelii</i> ³		84.47	100.00	0.09	10.17	89.75	0.00	36.53	0.00	10.35	89.04	9.72	0.00	78.11	0.02	8.89
<i>Naja kaouthia</i> ²		73.20	94.88	47.98	26.70	25.33	15.12	46.78	7.87	3.15	87.89	25.60	6.97	63.64	4.82	5.93
<i>Naja naja</i> ²		73.20	94.88	47.98	26.70	25.33	15.12	46.78	7.87	3.15	87.89	25.60	6.97	63.64	4.82	5.93
<i>Sinomicrurus macclellandi</i> ²	58.47	98.22	100.00	0.00	0.00	29.25	13.27	29.83	0.00	70.17	28.79	65.74	68.14	7.32	4.41	
<i>Chrysopelea ornata</i> ¹	Mangrove	91.79	80.16	45.44	54.56	0.00	40.62	27.32	40.18	15.32	43.06	68.30	1.98	32.12	17.36	18.32
<i>Ophiophagus hannah</i> ²		98.16	67.08	47.74	52.26	0.00	40.58	2.97	46.06	52.90	1.04	86.13	3.35	5.61	25.74	46.42

1= Colubridae, 2 = Elapidae, 3= Viperidae