

Table II. *Assessment of individual avian influenza health-related items using pictorial and literal responses. —cont' d*

			Categories of response variables		Pearson's χ^2	OR (95% Conf. Interval)	P-value
			Literal	Pictorial			
Knowledge of clinical signs in birds	Torticollis	Yes	44	94	29.91	3.46 (2.20-5.43)	< 0.001
		No	131	81			
	Depression	Yes	167	164	0.50	0.71 (0.28-1.82)	0.48
		No	8	11			
	Malformed eggs	Yes	67	85	3.77	1.52 (1.00-2.33)	0.05
		No	108	90			
	Coloured shank	Yes	152	156	0.43	1.24 (0.65-2.37)	0.51
		No	23	19			
	Swollen head	Yes	101	143	23.87	3.27 (2.10-5.33)	< 0.001
		No	74	32			
Knowledge of affected species	Chicken	Yes	174	174	0.00	1 (0.06-16.12)	1.00
		No	1	1			
	Guinea fowl	Yes	137	170	28.87	9.43 (3.61-24.61)	< 0.001
		No	38	5			
	Duck	Yes	149	172	19.89	10.00 (2.97-33.72)	< 0.001
		No	26	3			
	Turkey	Yes	154	174	19.40	23.73 (3.16-178.47)	0.005
		No	21	1			
	Quail	Yes	100	166	68.23	13.83 (6.64-28.84)	< 0.001
		No	75	9			
	Pigeon	Yes	95	164	70.70	12.56 (6.37-24.76)	< 0.001
		No	80	11			
	Ostrich	Yes	5	152	249.60	224.70 (83.36-605.64)	< 0.001
		No	170	23			
Knowledge of post-mortem signs in opened carcasses	Ovary	Yes	8	51	37.69	8.59 (3.93-18.74)	< 0.001
		No	167	124			
	Intestine	Yes	49	154	129.31	18.86 (10.74-33.11)	< 0.001
		No	126	21			
	Trachea	Yes	28	137	136.23	18.93 (11.02-32.51)	< 0.001
		No	147	38			
	Heart, liver, spleen	Yes	7	88	94.79	24.28 (10.78-54.68)	< 0.001
		No	168	87			

continued

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			Categories of response variables		Pearson's χ^2	OR (95% Conf. Interval)	P-value
			Literal	Pictorial			
Knowledge and preference reporting outbreaks	Report by phone	Yes	160	163	0.36	1.27 (0.58-2.81)	0.55
		No	15	12			
	Community discussion	Yes	160	156	0.52	0.77 (0.38-1.57)	0.47
		No	15	19			
	I have reported	Yes	25	34	1.65	1.45 (0.82-2.55)	0.20
		No	150	141			
	State veterinary services	Yes	172	172	0.00	1 (0.20-5.02)	1.00
		No	3	3			
	Federal Department of Livestock (FLD)	Yes	130	146	4.39	1.74 (1.03-2.94)	0.04
		No	45	29			
Knowledge of biosecurity to reduce infection in man and animal	Footbath (know)	Yes	169	171	0.41	1.52 (0.42-5.46)	0.52
		No	6	4			
	Footbath (use)	Yes	118	135	4.12	1.63 (1.02-2.62)	0.04
		No	57	40			
	Hand wash (know)	Yes	175	173	2.01	-	-
		No	0	2			
	Hand wash (use)	Yes	170	172	0.51	1.69 (0.40-7.17)	0.48
		No	5	3			
	Vehicle spray (know)	Yes	153	157	0.45	1.25 (0.65-2.43)	0.50
		No	22	18			
Knowledge of risky practices at sales point	Vehicle spray (use)	Yes	53	77	7.05	1.81 (1.17-2.81)	0.008
		No	122	98			
	Wild bird, pigeon, egret	Yes	160	142	7.82	0.40 (0.21-0.77)	0.01
		No	15	33			
	Grass cutter, antelope	Yes	142	147	0.50	1.22 (0.70-2.12)	0.48
		No	33	28			