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Table 5. Mean (SD) belief in animal minds response ratings as reported (post-course) by first year veterinary students ( $n = 123$ ) enrolled in a mandatory one-credit (15 week) *Introduction to Animal Welfare* course. Students were asked to consider seven species and 18 mental capacities ( $n = 123$ ). Bolded values are rank ordered means for each species and each mental capacity. All response ratings were on a seven-point radio button scale ( $1 = \text{definitely does NOT possess}$ ;  $7 = \text{definitely does possess}$ ).

	Dog	Cat	Horse	Cow	Deer	Rat	Chicken	Mean mental capacity score
Hunger	6.8 (0.9)	6.8 (0.9)	6.7 (1.0)	6.7 (0.9)	6.7 (1.1)	6.6 (1.2)	6.6 (1.2)	<b>6.9 (1.0)</b>
Pain	6.8 (1.0)	6.8 (0.9)	6.8 (1.0)	6.7 (1.0)	6.7 (1.1)	6.6 (1.2)	6.6 (1.2)	<b>6.8 (1.0)</b>
Fear	6.7 (1.0)	6.6 (1.2)	6.6 (1.2)	6.6 (1.2)	6.5 (1.3)	6.4 (1.5)	6.4 (1.4)	<b>6.6 (1.0)</b>
Pleasure	6.3 (1.2)	6.2 (1.4)	6.2 (1.4)	5.7 (1.7)	5.6 (1.8)	5.4 (1.9)	5.3 (2.0)	<b>5.9 (1.2)</b>
Anger	5.8 (1.7)	6.0 (1.5)	5.9 (1.7)	5.6 (1.8)	5.4 (1.8)	5.2 (2.0)	5.1 (2.0)	<b>5.8 (1.4)</b>
Happiness	6.5 (1.1)	6.3 (1.2)	6.2 (1.3)	5.7 (1.5)	5.4 (1.7)	5.4 (1.8)	5.3 (1.9)	<b>5.8 (1.3)</b>
Boredom	6.5 (1.1)	6.3 (1.3)	6.3 (1.4)	6.0 (1.6)	5.6 (1.7)	5.7 (1.8)	5.7 (1.7)	<b>5.7 (1.4)</b>
Sadness	6.1 (1.4)	5.6 (1.7)	5.7 (1.6)	5.2 (1.8)	5.1 (1.8)	4.8 (2.0)	4.6 (2.1)	<b>5.1 (1.5)</b>
Love	6.1 (1.5)	5.5 (1.7)	5.4 (1.9)	5.1 (1.9)	4.6 (1.9)	4.5 (2.1)	4.2 (2.0)	<b>4.9 (1.7)</b>
Grief	5.7 (1.7)	5.1 (1.9)	5.3 (1.9)	4.6 (2.0)	4.6 (2.0)	4.3 (2.1)	3.8 (2.0)	<b>4.7 (1.6)</b>
Jealousy	5.7 (1.6)	5.4 (1.8)	5.1 (1.7)	4.2 (2.0)	4.1 (1.9)	4.0 (2.0)	3.9 (2.1)	<b>4.6 (1.5)</b>
Pride	4.8 (2.0)	4.8 (2.0)	4.6 (2.0)	3.8 (2.0)	4.1 (2.0)	3.6 (2.0)	3.6 (2.1)	<b>4.0 (1.9)</b>
Disgust	4.8 (2.0)	4.9 (2.0)	4.2 (2.1)	4.0 (2.0)	4.1 (2.0)	3.9 (2.1)	3.7 (2.1)	<b>3.9 (1.8)</b>
Empathy	4.9 (2.0)	4.2 (2.0)	4.2 (2.0)	3.7 (2.0)	3.7 (1.9)	3.7 (2.1)	3.3 (2.0)	<b>3.7 (1.7)</b>
Hope	4.7 (2.1)	4.3 (2.1)	4.0 (2.1)	3.7 (2.1)	3.7 (1.9)	3.5 (2.0)	3.4 (1.9)	<b>3.4 (1.7)</b>
Shame	5.1 (1.9)	3.9 (1.9)	3.8 (1.9)	3.4 (1.9)	3.4 (1.9)	3.2 (1.9)	3.0 (1.9)	<b>3.3 (1.6)</b>
Guilt	4.9 (2.0)	3.8 (2.0)	3.8 (1.9)	3.3 (1.9)	3.3 (1.9)	3.2 (1.9)	2.9 (1.8)	<b>3.2 (1.6)</b>
Embarrassment	4.6 (2.0)	3.8 (2.0)	3.8 (2.0)	3.2 (1.9)	3.2 (1.9)	3.2 (2.0)	3.0 (1.8)	<b>3.0 (1.7)</b>
<b>Mean species score</b>	<b>5.7 (1.1)</b>	<b>5.3 (1.1)</b>	<b>5.3 (1.2)</b>	<b>4.8 (1.3)</b>	<b>4.8 (1.3)</b>	<b>4.6 (1.4)</b>	<b>4.5 (1.4)</b>	

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