Appendix 1 *Post hoc* pairwise comparison results (adjustment for multiple comparisons: Bonferroni) showing significant difference (*P* value; NS: not significant) of welfare rating based on dog contexts.

	Fighting Dog	Stray/ street dog	Feral/ wild dog	Racing Greyhound	Guard (property protection) dog	Pig hunting dog	Pedigree pure bred show dog	Sled racing dog	Farm livestock herding dog	Other people's pet dog	Firearm/ explosive detection dog	Plant/ food detection dog	Police (tracking/ apprehending) dog	Drug detection dog	Assistance/ service dog	Search and rescue dog	Guide/ seeing eye dog	Own pet dog
Fighting Dog																		
Stray/street dog	<0.0005																	
Feral/wild dog	<0.0005	<0.0005																
Racing Greyhound	<0.0005	<0.0005	<0.0005															
Guard (property protection) dog	<0.0005	<0.0005	<0.0005	<0.0005														
Pig hunting dog	<0.0005	<0.0005	<0.0005	<0.0005	NS													
Pedigree pure bred show dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005												
Sled racing dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	NS											
Farm livestock herding dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	NS	NS										
Other people's pet dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	NS	NS	NS									
Firearm/explosive detection dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005								
Plant/food detection dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005							
Police (tracking/apprehending) dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0120						
Drug detection dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	NS					
Assistance/service dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	NS	NS				
Search and rescue dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0260	NS			
Guide/seeing eye dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
Own pet dog	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	