

PERMANENT DENTITION

Comparison of median first appearance and complete emergence ages (in days) of teeth grouped per position, between puppies of breeds with distinct skull type

Tooth	Skull type	First appearance				Complete emergence			
		Median	HR	CI95	<i>p</i>	Median	HR	CI95	<i>p</i>
I1	1	120	7.556	(4.623;12.348)	<.0001	128	6.404	(3.938;10.413)	<.0001
	2	113	18.714	(11.749;29.81)		121	16.183	(10.219;25.629)	
	3	118	9.024	(5.765;14.124)		125	8.288	(5.326;12.898)	
	4	151	1	(;.)		156	1	(;.)	
	5	129	4.006	(2.524;6.359)		137	3.549	(2.248;5.603)	
I2	1	126	9.582	(5.481;16.752)	<.0001	132	9.046	(5.18;15.797)	<.0001
	2	119	18.043	(10.638;30.604)		127	15.73	(9.264;26.709)	
	3	126	8.33	(4.982;13.928)		132	7.522	(4.493;12.594)	
	4	157	1	(;.)		163	1	(;.)	
	5	134	4.81	(2.834;8.162)		141	4.452	(2.62;7.565)	
I3	1	136	6.096	(3.42;10.867)	<.0001	144	5.201	(3.006;8.999)	<.0001
	2	128	12.298	(7.122;21.236)		135	10.872	(6.486;18.223)	
	3	135	5.935	(3.479;10.125)		141	5.403	(3.266;8.938)	
	4	159	1	(;.)		166	1	(;.)	
	5	139	4.317	(2.492;7.477)		146	4.072	(2.423;6.845)	
C	1	152	8.725	(4.107;18.534)	<.0001	167	29.94	(7.224;124.082)	<.0001
	2	149	11.109	(5.455;22.626)		163	42.263	(10.47;170.587)	
	3	151	7.93	(3.934;15.986)		165	31.523	(7.851;126.569)	
	4	177	1	(;.)		200	1	(;.)	
	5	157	4.633	(2.27;9.456)		172	17.55	(4.341;70.957)	
P1	1	123	5.583	(2.691;11.584)	<.0001	133	3.734	(1.923;7.253)	<.0001
	2	126	4.885	(2.408;9.909)		134	3.463	(1.832;6.543)	
	3	128	3.884	(1.929;7.82)		135	2.917	(1.556;5.468)	
	4	165	1	(;.)		158	1	(;.)	
	5	137	2.847	(1.391;5.826)		146	1.749	(0.917;3.336)	
P2	1	152	4.781	(1.16;19.702)	<.0001	160	4.11	(0.995;16.982)	<.0001
	2	147	7.844	(1.946;31.621)		154	7.159	(1.776;28.863)	
	3	151	4.216	(1.051;16.92)		158	4.099	(1.022;16.447)	
	4	169	1	(;.)		176	1	(;.)	
	5	156	3.306	(0.818;13.36)		163	3.219	(0.797;13.006)	
P3	1	154	4.168	(1.504;11.548)	<.0001				
	2	155	3.773	(1.401;10.164)					
	3	155	2.846	(1.063;7.618)					
	4	171	1	(;.)					
	5	162	1.923	(0.711;5.204)					
P4	1	150	2.685	(0.971;7.425)	0.0041	160	2.415	(0.87;6.702)	0.0025
	2	149	3.187	(1.184;8.583)		158	2.915	(1.079;7.874)	
	3	149	2.436	(0.91;6.522)		158	2.271	(0.845;6.099)	
	4	159	1	(;.)		167	1	(;.)	
	5	151	2.278	(0.843;6.156)		161	1.948	(0.718;5.282)	
M1	1	136	4.024	(2.191;7.392)	<.0001	146	4.382	(2.377;8.08)	<.0001
	2	136	4.752	(2.699;8.366)		146	5.077	(2.881;8.948)	
	3	137	3.669	(2.111;6.374)		146	4.38	(2.517;7.622)	
	4	156	1	(;.)		167	1	(;.)	
	5	139	3.083	(1.75;5.433)		151	2.493	(1.412;4.402)	
M2	1	153	14.768	(3.55;61.438)	<.0001	160	14.316	(3.442;59.54)	<.0001
	2	150	20.203	(4.998;81.661)		158	18.818	(4.655;76.068)	
	3	151	14.986	(3.726;60.264)		158	14.98	(3.725;60.235)	
	4	185	1	(;.)		192	1	(;.)	
	5	155	9.788	(2.415;39.664)		164	9.126	(2.254;36.948)	

I1, 2, 3 = first, second, third permanent incisor; C = permanent canine, P1, 2, 3, 4 = first, second, third and fourth permanent premolar; Skull type 1 = dolichocephalic; skull type 2 = mildly dolichocephalic; skull type 3 = mesaticephalic; skull type 4 = mildly brachycephalic; skull type 5 = brachycephalic; M1, 2, 3 = first, second and third molar; HR (female/male) = hazard ratio female/male; CI95 = 95% confidence interval for the hazard ratio (HR)