

1 **Annex 1.** Median 25(OH)D level (nmol/l) of **pregnant** women (*N* 261) and **in cord blood** (*N* 328) according to season and 25(OH)D **category**
2 (Median and interquartile ranges)
3 25(OH)D, 25-hydroxyvitamin D; IQR, interquartile range

Parameters	n	25(OH)D (nmol/l)				<i>P</i> [†]
		Median	IQR	% (n)		
				< 50 nmol/l	> 50 nmol/l	
Maternal 25(OH)D	261	25.0	12.6, 45.5	77 (201)	23 (60)	< 0.001
Winter	91	11.8 ^a	10.0, 17.7	98 (89)	2 (2)	
Spring	59	26.0 ^b	18.2, 42.7	83 (49)	17 (19)	
Summer	72	50.4 ^c	30.3, 66.2	49 (35)	51 (37)	
Autumn	39	35.0 ^d	21.5, 51.2	72 (28)	28 (11)	
Newborn 25(OH)D	328	34.1	17.7, 58.6	69 (226)	31 (102)	< 0.001
Winter	107	16.2 ^a	9.9, 26.7	94 (101)	6 (6)	
Spring	56	31.8 ^b	20.1, 44.4	80 (45)	20 (11)	
Summer	93	61.4 ^c	41.5, 87.4	36 (33)	64 (60)	
Autumn	72	39.1 ^d	27.5, 60.3	65 (47)	35 (25)	

4 ^{a,b,c,d}Median values within a column with unlike superscript letters were significantly different (*P*<0.001); multiple group comparisons by Kruskal –
5 Wallis test; for significant variables, *post hoc* comparison between pairs of groups by Mann-Whitney *U* test; a Bonferroni corrected *P* value < 0.016
6 was considered statistically significant.

7 †*P* value for Chi² or Fisher's exact test for categorical variables.

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