

## Supplementary material S1

**Supplementary Table S1.** Vitamin D supplementation use and pregnancy information during the follow-up visit in the study population at 31 years of age.

	<b>Infertility*</b> <b>(n = 239)</b>	<b>Decreased fecundability**</b> <b>(n = 203)</b>	<b>No fertility problems</b> <b>(n = 1324)</b>	<b><i>p</i></b> <b>value*</b>	<b><i>p</i></b> <b>value**</b>
Vitamin D supplementation, n (%)				0.78	0.18
Yes	14 (5.9)	8 (3.9)	84 (6.3)		
No	225 (94.1)	195 (96.1)	1240 (93.7)		
Vitamin D supplementation dose, (µg/day), median [IQR]	10.0 [5.2]	10.0 [5.0]	10.0 [2.5]	0.60	0.34
Pregnancy during the follow-up visit, n (%) <sup>a</sup>				0.96	0.24
Yes	23 (9.9)	25 (12.4)	127 (9.8)		
No	210 (90.1)	176 (87.6)	1174 (90.2)		

\* *p* value comparing women with previous infertility examination or infertility treatment vs women without fertility problems. \*\* *p* value comparing women with decreased fecundability vs women without fertility problems. Categories compared with Pearson's chi-square test and medians with Mann–Whitney U test. <sup>a</sup> Weeks of gestation not known. SD: standard deviation.