

**Supplementary Table 5. Maternal and foetal outcomes in first delivery of women with AS and controls: hospital-based cohort (primipara)**

Outcome	With AS (n = 21)	Without AS (n = 108)	p value <sup>a</sup>
Caesarean section	9 (42.9)	22 (20.4)	0.047
Elective	6 (28.6)	16 (14.8)	0.061
Emergency	3 (14.3)	6 (5.6)	0.061
CS among trial of labor	1/13 (7.7)	4/90 (4.4)	0.498
Preeclampsia	0	4 (3.7)	> 0.999 <sup>b</sup>
Preterm delivery	3 (14.3)	6 (5.6)	0.163
Maternal death	0	0	-
Transfusion	0	2 (1.9)	> 0.999 <sup>b</sup>
Gestation, wk	38.8 ± 1.5	39.0 ± 1.8	0.730
Hospital stay, day	4.1 ± 2.9	5.1 ± 7.9	0.283
Low birth weight	5 (23.8)	9 (8.3)	0.052
Small-for-gestational-age	3 (11.1)	10 (9.3)	0.723
Neonatal weight, g <sup>c</sup>	2,922.8 ± 527.0	3,063.6 ± 507.5	0.213
Twin pregnancy	4 (19.0)	8 (7.4)	0.107
<i>In vitro</i> fertilisation	3 (14.3)	11 (10.2)	0.700
Fetal growth restriction	2 (9.5)	5 (4.6)	0.319
Congenital malformation	1 (4.8)	1 (0.9)	0.300
Fetal loss	0	0	-
1 min Apgar Score < 4 <sup>c</sup>	1 (4.0)	2 (1.7)	0.446
5 min Apgar Score < 7 <sup>c</sup>	1 (4.0)	4 (3.5)	> 0.999
Sex of child, female <sup>c</sup>	13 (52.0)	64 (55.2)	0.827

Values are presented as number (%) or mean ± SD.

AS, ankylosing spondylitis; CS, Caesarean section.

<sup>a</sup>p value calculated from regression models estimated using generalised estimating equations (GEEs) to account for the matched nature of the data.

<sup>b</sup>p value calculated from Fisher exact test, because of zero events in either group in which GEE models do not converge.

<sup>c</sup>Analysed by neonates and information of twins, pregnancies with AS (n = 25) and pregnancies without AS (n = 116).