

Table S2. Reporting of perinatal outcomes in individual studies

[illegible]

Asgharian et al. / Iran / 2019 / IRCT201604013706N31 [34]	Probiotic = 1 Control = 1	--	Probiotic = 3 Control = 8	Probiotic = 3,270 (495) Control = 3,260 (435) Mean (SD)	Probiotic = 13 Control = 13	Probiotic = 3 Control = 3	--	--	Probiotic = 33 Control = 35
Bababi et al. / Iran / 2008 / IRCT20171010036697N1 [35]	--	--	--	--	--	--	--	--	--
Badehnoosh et al. / Iran / 2017 / IRCT201611115623N91 [36]	--	--	Probiotic = 2 Placebo = 1	Probiotic = 3,322 (444) Placebo = 3,438 (398) Mean (SD)	Probiotic = 9 Placebo = 5	Probiotic = 0 Placebo = 3	--	--	Probiotic = 6 Placebo = 14
Boyle et al. / Australia / 2008 / Cochrane Skin Group Trial No. 36 [37]	Probiotic = 0 Placebo = 1 (Exclusion criterium)	Probiotic = 39.6 (35.4 – 42.0) Placebo = 39.5 (36.0 – 42.3) Median (Range)	--	Probiotic = 3,560 (2,324 – 4,970) Placebo = 3,615 (2,105 – 5,020) Median (Range)	--	--	--	--	Probiotic = 14 Placebo = 12
Callaway et al. / Australia / 2018 / ACTRN12611001208998 [38]	Probiotic = 0 Placebo = 1	Probiotic = 39.32 (1.75) Placebo = 39.14 (1.88) Mean (SD)	Probiotic = 17 Placebo = 12	Probiotic = 3,524 (540) Placebo = 3,541 (514) Mean (SD)	Probiotic = 7 Placebo = 6	Probiotic = 31 Placebo = 30	Probiotic = 5 Placebo = 13	Probiotic = 7 Placebo = 6	Probiotic = 73 Placebo = 80
Chen et al. / China / 2019 / Not reported [14]	--	Probiotic = 39.6 (0.9) Placebo = 39.6 (1.1) Mean (SD)	--	Probiotic = 3,300 (470) Placebo = 3,300 (370) Mean (SD)	--	--	--	--	Probiotic = 4 Placebo = 1

Dewanto et al. / Indonesia / 2017 / Not reported [39]	--	--	--	--	--	--	--	--	Probiotic = 13 Placebo = 8 (Exclusion criterium)
Dolatkhan et al. / Iran / 2015 / IRCT201405181597N3 [40]	--	--	--	--	--	--	--	--	--
Dotterud et al. / Norway / 2010 / NCT00159523 [41]	--	--	Probiotic = 14 Placebo = 8	Probiotic = 3,671 (484) Placebo = 3,595 (487) Mean (SD)	--	--	--	--	--
Fernández et al. / Spain / 2015 / NCT01505361 [42]	--	--	--	--	--	--	--	--	--
Gille et al. / Germany / 2016 / ISRCTN40042090 [43]	Probiotic = 12 Placebo = 5	--	Probiotic = 6 Placebo = 8	--	--	--	--	--	--
Halkjær et al. / Denmark / 2020 / NCT02508844 [44]	--	Probiotic = 274 (19) Placebo = 280 (11) Mean (SD)	Probiotic = 4 Placebo = 0	Probiotic = 3,414 (676) Placebo = 3,640 (454) Mean (SD)	Probiotic = 1 Placebo = 4	Probiotic = 4 Placebo = 7	Probiotic = 1 Placebo = 0	--	Probiotic = 11 Placebo = 5
Ho et al. / Taiwan / 2015 / NCT01577108 [45]	--	Probiotic = 39 (0.9) Placebo = 39 (1.1) Mean (SD)	--	Probiotic = 3,123 (398) Placebo = (358) Mean (SD)	--	--	--	--	--
Jafarnejad et al. / Iran / 2016 / Not reported [46]	--	--	Probiotic = 2 Placebo = 1	--	--	--	--	--	--

			(Exclusion criterium) (<35 gw)						
Jamilian et al. / Iran / 2016 / IRCT201503035623N38 [47]	--	--	--	--	--	--	--	--	--
Jamilian et al. / Iran / 2018 / IRCT201706075623N119 [48]	--	Probiotic = 38.9 (2.5) Vitamin D and Probiotic = 39.3 (0.8) Placebo = 38.6 (1.1) Mean (SD)	Probiotic = 1 Vitamin D + Probiotic = 0 Placebo = 1	Probiotic = 3,171 (622) Vitamin D + Probiotic = 3,308 (604) Placebo = 3,176 (712) Mean (SD)	--	Probiotic = 1 Vitamin D + Probiotic = 2 Placebo = 5	--	--	Probiotic = 10 Vitamin D + Probiotic = 7 Placebo = 12
Kalliomaki et al. / Finland / 2001 / Not reported [49]	--	Probiotic = 39 (1.3) Placebo = 39 (1.4) Mean (SD)	--	Probiotic = 3,631 (483) Placebo = 3,612 (466) Mean (SD)	--	--	--	--	--
Karamali et al. / Iran / 2016 / IRCT201601035623N63 [50]	--	--	--	Probiotic = 3,253 Placebo = 3,386 (Mean)	--	Probiotic = 1 Placebo = 3 (Macrosomia not defined)	--	--	Probiotic = 7 Placebo = 11
Karamali et al. / Iran / 2017 / IRCT201704205623N108 [51]	--	Synbiotic = 39 (1.1) Placebo = 39.4 (1.5) Mean (SD)	Synbiotic = 1 Placebo = 0	Synbiotic = 3,373 (412) Placebo = 3,182 (460) Mean (SD)	--	Synbiotic = 0 Placebo = 3	--	--	Synbiotic = 5 Placebo = 12

Kijmanawat et al. / Thailand / 2018 / Thai Clinical Trials Registry Number 20170606002 [52]	--	--	--	Probiotic = 3,120 (411) Placebo = 3,123 (370) Mean (SD)	--	--	--	--	--
Kim et al. / Korea / 2009 / ISRCTN26134979 [53]	--	Probiotic = 39.7 (0.25) Placebo = 39,5 (0.2) Mean (Standard error)	--	Probiotic = 3,330 (70) Placebo = 3,250 (60) Mean (Standard error)	--	--	--	--	Probiotic = 5 Placebo = 11
Kopp et al. / Germany / 2007 / UKF000505 [54]	--	Probiotic = 39.8 Placebo = 39.7 Mean	--	Probiotic = 3,493 Placebo = 3,379 Mean	--	--	--	--	Probiotic = 9 Placebo = 9
Kukkonen et al. / Finland / 2006 / Not reported [55]	--	--	Probiotic = 27 Placebo = 18 (Exclusion criterium)	Probiotic = 3,595 (477) Placebo = 3,591 (482) Mean (SD)	--	--	--	--	Probiotic = 75 Placebo = 79
Laitinen et al. / Finland / 2008 / NCT00167700 [56,57]	Diet + probiotic = 3 Diet + placebo = 2 Control + Placebo = 0	Diet + Probiotics = 40 (36.9 – 42.8) Diet + Placebo = 40 (30.5 – 42.4) Control + Placebo = 40.0 (34.9 – 43.3)	Diet + probiotic = 2/80 Diet + placebo = 1/79 Placebo = 1/79	Diet + Probiotics = 3,467 (3,370 – 3,564) Diet + Placebo = 3,579 (3,469 – 3,688) Control + Placebo =	--	--	--	--	Diet + probiotic = 12/75 Diet + placebo = 12/77 Placebo = 11/76

		Median (Range)		3,611 (3,494 – 3,727) Mean (SD)					
Lindsay et al. / Ireland / 2014 / ISRCTN97241163(A) [58]	Probiotic = 0 Placebo = 0	Probiotic = 280 (10.2) Placebo = 282 (10.3) Mean (SD)	Probiotic = 3 Placebo = 2	Probiotic = 3,700 (520) Placebo = 3,680 (510) Mean (SD)	Probiotic = 6 Placebo = 7	Probiotic = 15 Placebo = 16	--	--	Probiotic = 20 Placebo = 25
Lindsay et al. / Ireland /2015 / ISRCTN97241163(B) [59]	Probiotic = 0 Placebo = 2	Probiotic = 278.34 (12.25) Placebo = 277.23 (11.20) Mean (SD)	Probiotic = 0 Placebo = 0	Probiotic = 3,570 (640) Placebo = 3,600 (570) Mean (SD)	Probiotic = 5 Placebo = 5	Probiotic = 19 Placebo = 17	Probiotic = 7/56 Placebo 7/58	--	Probiotic = 24 Placebo = 21
Mantaring et al. / Philippines / 2018 / NCT01073033 [60]	--	Supplement = 38.8 (1.5) Supplement + probiotic = 38.8 (2) Control = 38.8 (1.2) Mean (SD)	Supplement = 3/70 Supplement + probiotic = 1/70 Control = 1/68	Supplement = 2,930 (470) Supplement + probiotic = 2,900 (390) Control = 2,880 (440) Mean (SD)	--	--	--	--	Supplement = 15/70 Supplement + probiotic = 11/70 Control = 9/68
Mastromarino et al. / Italy / 2015 / NCT01367470 [61,62]	--	Probiotic = 39.4 (0.95) Placebo = 39 (1.1) Mean (SD)	-- (Exclusion criterium)	Probiotic = 3,350 (4,800) Placebo = 3,415 (501) Mean (SD)	--	--	--	--	Probiotic = 10 Placebo = 14
McMillan et al. / Rwanda / 2018 / NCT02150655 [63]	Probiotic = 0 Placebo = 1	--	Probiotic = 0 Placebo = 2	--	--	--	--	--	--
Nabhani et al. / Iran / 2018 /	--	--	Synbiotic= 1 Placebo = 1	--	--	--	--	--	--

IRCT201511183140N16 [64]			(<35 gw)						
Niers et al. / Netherlands/ 2009 / NCT00200954 [65]	--	Probiotic = 39.7 (39.2 – 40.2) Placebo = 39.7 (39.3 – 40.1) Mean (95%CI)	Probiotic = 1 Placebo = 2 (Exclusion criterium)	Probiotic = 3,558 (3,412 – 3,705) Placebo = 3,658 (3,520 – 3,796) Mean (95%CI)	--	--	--	--	Probiotic = 4 Placebo = 6
Okense-Gafa et al. / New Zealand / 2018 / ACTRN12615000400561 [66]	Probiotic = 2 Placebo = 2	Probiotic = 39.3 (1.7) Placebo = 38.9 (2.3) Mean (SD)	--	Probiotic = 3,685 (565) Placebo = 3,504 (672) Mean (SD)	--	--	Probiotic = 8 Placebo = 17	--	Probiotic = 40/112 Placebo = 35/114
Olsen et al. / Australia / 2017 / Not reported [67]	--	--	--	--	--	--	--	--	--
Ou et al. / Taiwan / 2012 / IDNCT00325273 [68]	--	Probiotic =39 (31 – 41) Placebo = 39 (35 – 41) Median (Range)	--	--	--	--	--	--	--
Pellonperä et. / Finland / 2019 / NCT01922791 [69]	Probiotic + Placebo = 1 Fish oil + Probiotic = 3 Fish oil + Placebo = 3	Probiotic + Placebo = 39.8 (1.4) Fish oil + Probiotic = 39.4 (2)	Probiotic + Placebo = 4 Fish oil + Probiotic = 11 Fish oil + Placebo = 4	Probiotic + Placebo = 3,620 (539) Fish oil + Probiotic = 3,530 (647)	Probiotic + Placebo = 13 Fish oil + Probiotic = 8 Fish oil + Placebo = 6	--	Probiotic + Placebo = 7 Fish oil + Probiotic = 8 Fish oil + Placebo = 7	--	Probiotic + Placebo = 14 Fish oil + Probiotic = 19 Fish oil + Placebo = 16

	Placebo + Placebo = 3	Fish oil + Placebo = 39.4 (2) Placebo + Placebo = 39.6 (1.4) Mean (SD)	Placebo + Placebo = 3	Fish oil + Placebo = 3.610 (516) Placebo + Placebo = 3,600 (503) Mean (SD)	Placebo + Placebo = 13		Placebo + Placebo = 9		Placebo + Placebo = 14
Sahhaf et al. / Iran / 2019 / IRCT20121224011862N2 [70]	--	Probiotic = 37.7 (1.9) Placebo = 38.1 (1.3) Mean (SD)	--	--	--	Probiotic = 2 Placebo = 8 (Macrosomia not defined)	--	--	--
Sharpe et al. / Canada / 2019 / NCT02528981 [71]	--	Probiotic = 40.0 (1.1) Placebo = 39.4 (1.5) Mean (SD)	--	--	--	--	--	--	Probiotic = 7 Placebo = 9
Taghizadeh et al. / Iran / 2013 / IRCT201212105623N3 [72]	--	--	--	--	--	--	--	--	--
Wickens et al. / New Zealand / 2008 / ACTRN12607000518460 [73]	--	--	--	Probiotic 1 = 3,480 (400) Probiotic 2 = 3,470 (500) Placebo = 3,480 (400)	--	--	--	--	Probiotic 1 = 46 Probiotic 2 = 57 Placebo = 50
Wickens et al. / New Zealand / 2017 / ACTRN12612000196842 [74]	--	Probiotic = 39.7 (38.7 – 40.7) Placebo = 39.6 (38.7 –	Probiotic = 16 Placebo = 8	Probiotic = 3,600 (3,500 – 3,700) Placebo = 3,500 (3,400	--	Probiotic = 46 Placebo = 32	--	--	Probiotic = 57 Placebo = 51

		40.4) Median (Interquartile range)		– 3,600) Mean (95%CI)					
Yang et al. / Canada / 2020 / NCT01697683 [75]	--	Probiotic = 39.1 (1.4) Placebo = 39.4 (0.9) Mean (SD)	Probiotic = 2 Placebo = 0	Probiotic = 3,340 (434) Placebo = 3,351 (464) Mean (SD)	--	--	--	--	Probiotic = 8 Placebo = 9

* Perinatal outcomes reported based on ICD-10 code chapter XV (pregnancy, childbirth and puerperium). Probiotic 10 / Placebo 13.