Gianfranco Frigerio, Chiara Matilde Ferrari, and Silvia Fustinoni

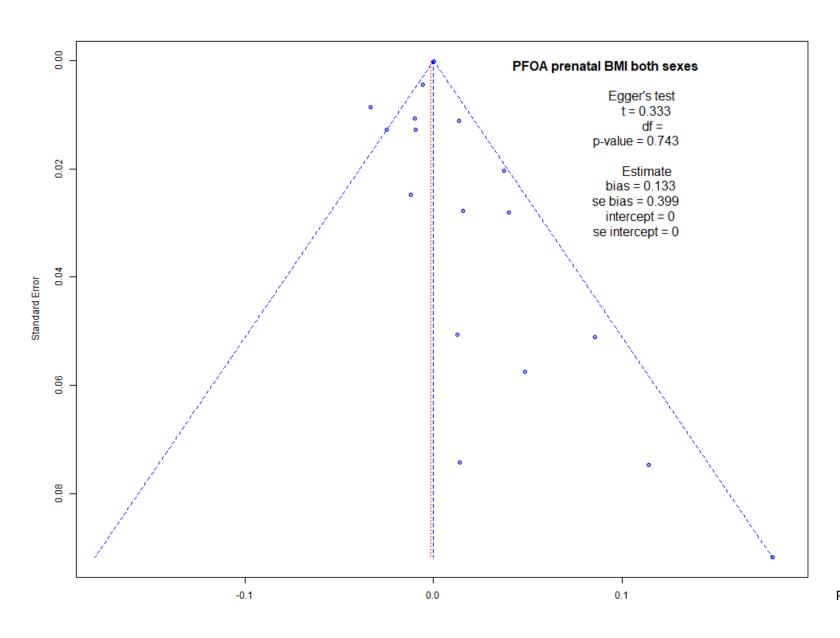
Supplementary figures

For each meta-analysis, three figures are reported:

- a forest plot pooling the estimates with the generic invariance method
- a forest plot pooling the estimates weighting by sample size
- a funnel plot evaluating the bias for included studies

Study	Sampling	Outcome	Subj	PFOA prenatal BMI both sexes	95%-(Weight (common)	_
Zhang, Lei, et al., 2022	within 3 d before del	7 v	206	•	-0.00 [-0.00; 0.0	01 30.1%	14.5%
Bloom et al., 2022	8-13 w gest	4-8 y	661	- 	-0.01 [-0.03; 0.0	1] 0.0%	8.7%
Lauritzen et al., 2018	17-20 w gest	5 y	412	 	0.09 [-0.01; 0.1	9] 0.0%	0.9%
Gyllenhammar et al., 2018	3 w after del	5 y	183	+	0.11 [-0.03; 0.2	6] 0.0%	0.4%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	+	-0.01 [-0.01; 0.0	0.1%	13.0%
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	+	- 0.18 [0.00; 0.3	6] 0.0%	0.3%
Liu et al., 2020	del	12 y	212	- 	-0.01 [-0.06; 0.0	4] 0.0%	3.1%
Mora et al., 2017	9.6 w gest	7.7 y	871	[+	0.01 [-0.01; 0.04	4] 0.0%	8.4%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593		0.04 [-0.01; 0.1	0.0%	2.5%
Chen et al., 2019	del	5 y	404	.	0.00 [-0.00; 0.0	0] 69.7%	14.5%
Chen et al., 2017	del	60 to 108 m	429	- -	0.01 [-0.09; 0.1	1] 0.0%	0.9%
Andersen et al., 2010	1st tr gest, 2nd tr gest, del	12 m	1026		-0.02 [-0.05; 0.0	0.0%	7.4%
Karlsen et al., 2017	2 w after del	5 y	371	[+ -	0.04 [-0.00; 0.0	8] 0.0%	4.2%
Yeung et al., 2019	del	4 to 36 m	1850	+	-0.03 [-0.05; -0.0	2] 0.0%	10.1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	+	0.02 [-0.04; 0.0	7] 0.0%	2.6%
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531		0.05 [-0.06; 0.1	6] 0.0%	0.7%
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491		0.01 [-0.13; 0.1	6] 0.0%	0.4%
Vrijheid et al., 2020	during gest	6-11 years	1301	- 	-0.01 [-0.03; 0.0	2] 0.0%	7.4%
Common effect model Random effects model Heterogeneity: $I^2 = 58\%$, $\tau^2 = 0.000$	02, p < 0.01				0.00 [-0.00; 0.00 -0.00 [-0.01; 0.0	•	100.0%
	••			-0.3-0.2-0.1 0 0.1 0.2 0.3			

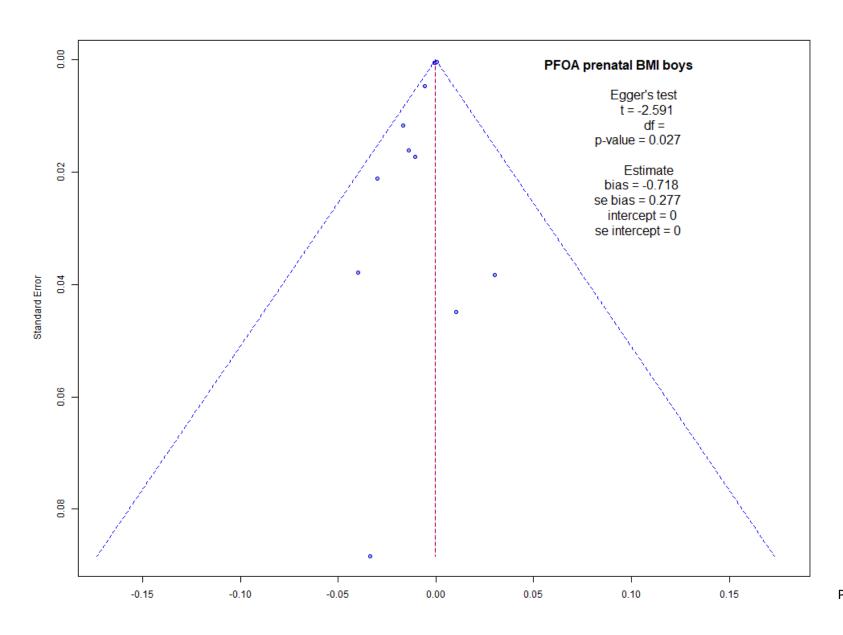
Study	Sampling	Outcome	Subjects	Estimate [95% CI]		
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.000 [-0.001; 0.000]	+	
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.010 [-0.031; 0.011]	-	
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.086 [-0.014; 0.186]	-	_
Gyllenhammar et al., 2018	3 w after del	5 y	183	0.114 [-0.032; 0.261]		
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.006 [-0.014; 0.003]		
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	0.180 [0.000; 0.360]		•
Liu et al., 2020	del	12 y	212	-0.012 [-0.061; 0.037]		
Mora et al., 2017	9.6 w gest	7.7 y	871	0.014 [-0.008; 0.035]	-	
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	0.040 [-0.015; 0.095]	+-	
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]	•	
Chen et al., 2017	del	60 to 108 m	429	0.013 [-0.087; 0.112]	•	
Andersen et al., 2010	1st tr gest, 2nd tr gest, del	12 m	1026	-0.025 [-0.050; 0.000]	-	
Karlsen et al., 2017	2 w after del	5 y	371	0.037 [-0.002; 0.077]	•	
Yeung et al., 2019	del	4 to 36 m	1850	-0.034 [-0.050; -0.017]	-	
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.016 [-0.039; 0.070]	-	
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	0.049 [-0.064; 0.161]	•	
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.014 [-0.132; 0.159]		
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.009 [-0.034; 0.015]	-	
Summary				0.010 [-0.003; 0.023]	•	
					- 	1
					-0.1 0 0.1	0.2 0.3



Page **4** of **367**

Study	Sampling	Outcome	Subj	PFOA prenatal BMI boys	95%-CI	Weight (common)	Weight (random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Chen et al., 2017 Yeung et al., 2019 Manzano-Salgado et al., 2017	24-28 w gest within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest before 16 w gest del del del 1st tr gest	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 12 y 7 y 7.7 y 3 m, 18 m 5 y 60 to 108 m 4 to 36 m 7 y	204 108 341 1228 96 400 450 318 208 224 - 969 551		-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00] -0.01 [-0.05; 0.02] -0.01 [-0.01; 0.00] -0.04 [-0.11; 0.03] -0.03 [-0.07; 0.01] -0.01 [-0.04; 0.02] 0.03 [-0.04; 0.10] 0.00 [-0.00; 0.00] -0.03 [-0.21; 0.14] -0.02 [-0.04; 0.01] 0.01 [-0.08; 0.10]	22.9% 25.3% 0.0% 0.4% 0.0% 0.0% 0.0% 51.3% 0.0% 0.1%	26.9% 28.8% 0.1% 0.6% 0.0% 0.0% 0.0% 43.4% 0.0% 0.1%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	-	•	٦ .0-	2 -0.1 0 0.1	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0%	100.0%

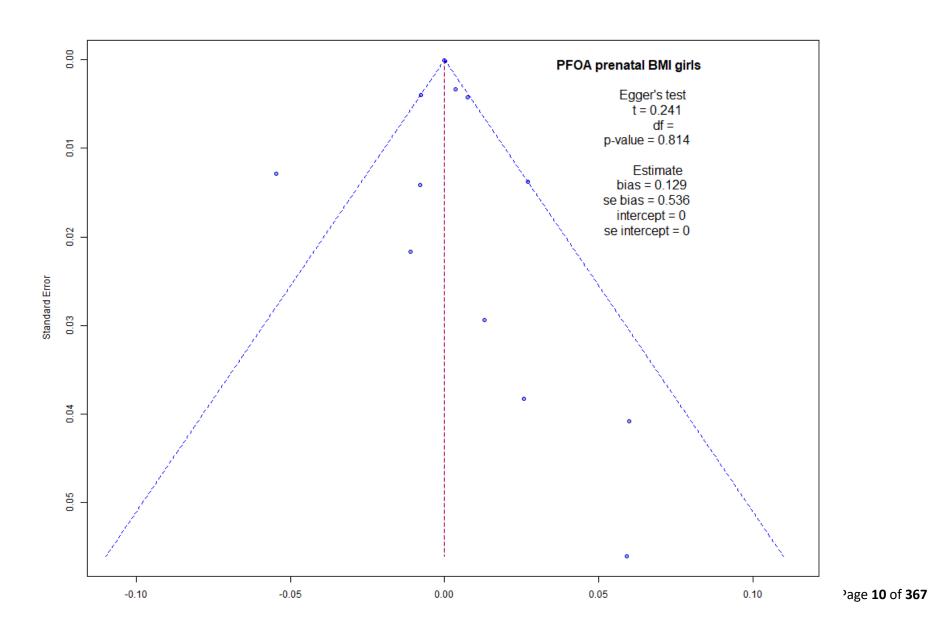
Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Romano et al., 2022	24-28 w gest	12 m	204	-0.001 [-0.002; 0.001]	+
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.001 [-0.002; 0.001]	+
Bloom et al., 2022	8-13 w gest	4-8 y	341	-0.014 [-0.046; 0.018]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.006 [-0.015; 0.003]	
Liu et al., 2020	del	12 y	96	-0.040 [-0.114; 0.034]	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	400	-0.030 [-0.072; 0.011]	-
Mora et al., 2017	9.6 w gest	7.7 y	450	-0.011 [-0.045; 0.023]	
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318	0.030 [-0.045; 0.105]	-
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.001]	•
Chen et al., 2017	del	60 to 108 m	224	-0.034 [-0.207; 0.140]	-
Yeung et al., 2019	del	4 to 36 m	969	-0.017 [-0.040; 0.006]	
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.010 [-0.078; 0.098]	
Summary				-0.008 [-0.023; 0.007]	•
					-0.2 -0.15 -0.1 -0.05 0 0.05 0.1



Page **7** of **367**

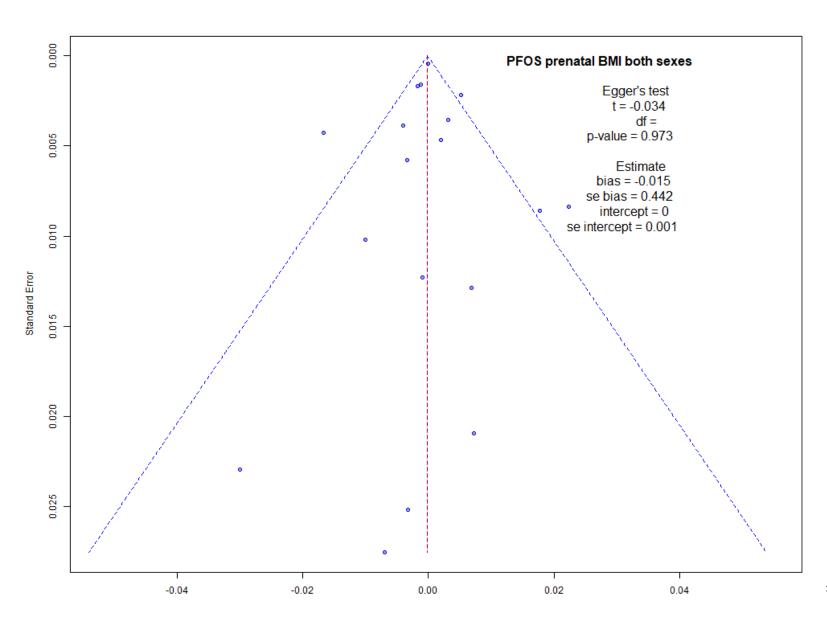
Study	Sampling	Outcome	Subj	PFOA prenatal BMI girls	95%-CI (Weight (common)	Weight (random)
Romano et al., 2022	24-28 w gest	12 m	214		0.00 [-0.00; 0.01]	0.1%	0.1%
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98		0.00 [-0.00; 0.00]	17.1%	17.1%
Bloom et al., 2022	8-13 w gest	4-8 y	320		-0.01 [-0.04; 0.02]	0.0%	0.0%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	+	0.01 [-0.00; 0.02]	0.0%	0.0%
Hartman et al., 2017	15 w gest	9 y	312		-0.01 [-0.02; 0.00]	0.0%	0.0%
Liu et al., 2020	del	12 y	116		0.01 [-0.04; 0.07]	0.0%	0.0%
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	387	— 	-0.01 [-0.05; 0.03]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	421		0.03 [0.00; 0.05]	0.0%	0.0%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275		0.06 [-0.02; 0.14]	0.0%	0.0%
Chen et al., 2019	del	5 y	196		0.00 [-0.00; 0.00]	82.7%	82.7%
Chen et al., 2017	del	60 to 108 m	205		- 0.06 [-0.05; 0.17]	0.0%	0.0%
Yeung et al., 2019	del	4 to 36 m	881		-0.05 [-0.08; -0.03]	0.0%	0.0%
Manzano-Salgado et al., 2017 Common effect model	1st tr gest	7 y	535	- -	0.03 [-0.05; 0.10] 0.00 [-0.00; 0.00]	0.0% 100.0 %	0.0%
Random effects model Heterogeneity: I^2 = 66%, τ^2 = 0, ρ	< 0.01		-(0.15-0.1-0.05 0 0.05 0.1 0.15	0.00 [-0.00; 0.00]	-	100.0%

Study Romano et al., 2022	Sampling 24-28 w gest		Subjects 214	Estimate [95% CI] 0.004 [-0.003; 0.010]	
•	within 3 d before del			0.000 [0.000; 0.001]	
Zhang, Lei, et al., 2022		7 y	98		
Bloom et al., 2022	8-13 w gest		320	-0.008 [-0.036; 0.020]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.007 [-0.001; 0.016]	=
Hartman et al., 2017	15 w gest	9 y	312	-0.008 [-0.015; 0.000]	-
Liu et al., 2020	del	12 y	116	0.013 [-0.045; 0.071]	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	387	-0.011 [-0.053; 0.032]	
Mora et al., 2017	9.6 w gest	7.7 y	421	0.027 [0.000; 0.054]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	0.060 [-0.020; 0.140]	
Chen et al., 2019	del	5 y	196	0.000 [0.000; 0.000]	•
Chen et al., 2017	del	60 to 108 m	205	0.059 [-0.051; 0.169]	
Yeung et al., 2019	del	4 to 36 m	881	-0.054 [-0.080; -0.029]	-
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.026 [-0.049; 0.101]	-
Summary				0.001 [-0.010; 0.013]	•
					-0.05 0 0.05 0.1 0.15



Study	Sampling	Outcome	Subj	PFOS prenatal BMI both sexes	95%	Weight -CI (common)	
Study Zhang, Lei, et al., 2022 Bloom et al., 2022 Lauritzen et al., 2018 Gyllenhammar et al., 2018 Zhang, Pan, et al., 2022 Sevelsted et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2019 Chen et al., 2019 Chen et al., 2017 Andersen et al., 2017 Yeung et al., 2019 Manzano-Salgado et al., 2017 Hoyer et al., 2015 - Greenland Hoyer et al., 2015 - Ukraine	within 3 d before del 8-13 w gest 17-20 w gest 3 w after del 15 w gest 24 w gest - 1 w after del del 9.6 w gest before 16 w gest del del 1st tr gest, 2nd tr gest, del del 1st tr gest	7 y 4-8 y 5 y 5 y 3, 42, 182.6, and 365 d 10 y 12 y 7.7 y 3 m, 18 m 5 y 60 to 108 m	206 661 412 182		95% 0.00 [-0.00; 0.0] -0.00 [-0.01; 0.0] 0.02 [0.01; 0.0] -0.00 [-0.01; 0.0] -0.00 [-0.01; 0.0] -0.01 [-0.03; 0.0] -0.01 [-0.03; 0.0] -0.01 [-0.00; 0.0] -0.00 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0] -0.01 [-0.00; 0.0]	-CI (common) 01] 1.2% 00] 5.7% 03] 0.2% 04] 0.2% 00] 1.0% 01] 0.0% 01] 0.1% 01] 0.2% 00] 79.5% 00] 79.5% 00] 0.0% 01] 0.7% 01] 0.7% 01] 0.9% 01] 0.9% 01] 0.5%	(random) 2.9% 11.6% 0.5% 0.5% 2.4% 0.1% 0.2% 7.4% 56.2% 0.1% 0.0% 1.7% 2.0% 0.2% 1.1%
Vrijheid et al., 2020	during gest	6-11 years	1301	+	-0.00 [-0.00; 0.0	-	
Common effect model Random effects model Heterogeneity: $I^2 = 57\%$, $\tau^2 < 0.000$	01, <i>p</i> < 0.01			-0.06 -0.02 0 0.02 0.06	-0.00 [-0.00; 0.0 -0.00 [-0.00; 0.0	_	 100.0%

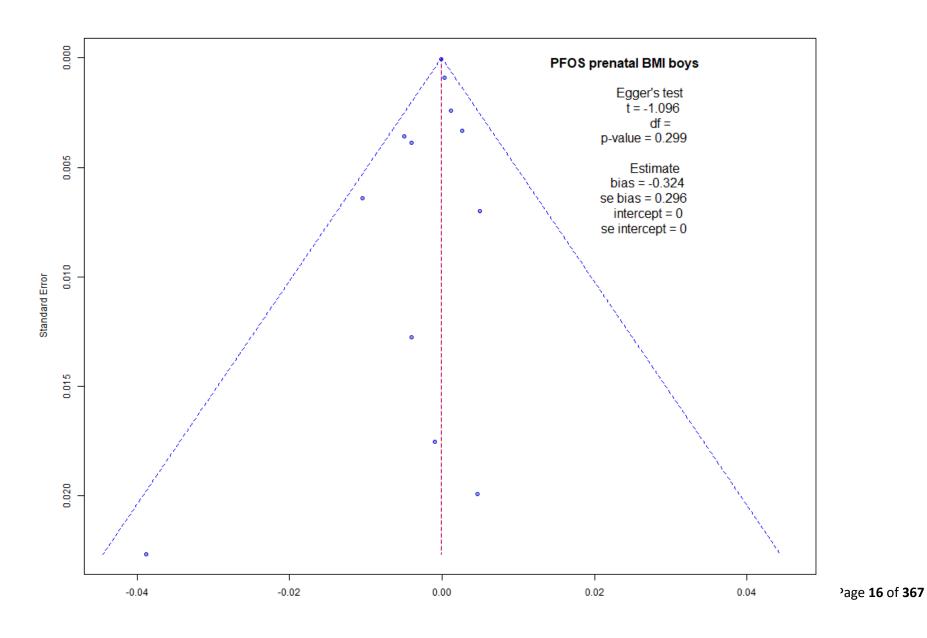
Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.003 [-0.004; 0.010]	-
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.002 [-0.005; 0.001]	-
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.018 [0.001; 0.035]	•
Gyllenhammar et al., 2018	3 w after del	5 y	182	0.022 [0.006; 0.039]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.004 [-0.012; 0.004]	-
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	-0.030 [-0.075; 0.015]	•
Liu et al., 2020	del	12 y	212	-0.001 [-0.025; 0.023]	-
Mora et al., 2017	9.6 w gest	7.7 y	871	0.005 [0.001; 0.009]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	-0.010 [-0.030; 0.010]	•
Chen et al., 2019	del	5 y	404	0.000 [-0.001; 0.001]	•
Chen et al., 2017	del	60 to 108 m	429	-0.003 [-0.053; 0.046]	-
Andersen et al., 2010	1st tr gest, 2nd tr gest, del	12 m	1026	-0.007 [-0.061; 0.047]	-
Karlsen et al., 2017	2 w after del	5 y	371	0.002 [-0.007; 0.011]	-
Yeung et al., 2019	del	4 to 36 m	1850	-0.017 [-0.025; -0.008]	-
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.007 [-0.018; 0.032]	-
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	-0.003 [-0.015; 0.008]	-
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.007 [-0.034; 0.048]	-
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.001 [-0.004; 0.002]	•
Summary				-0.004 [-0.010; 0.003]	•
					-0.06 -0.04 -0.02 0 0.02 0.04



age **13** of **367**

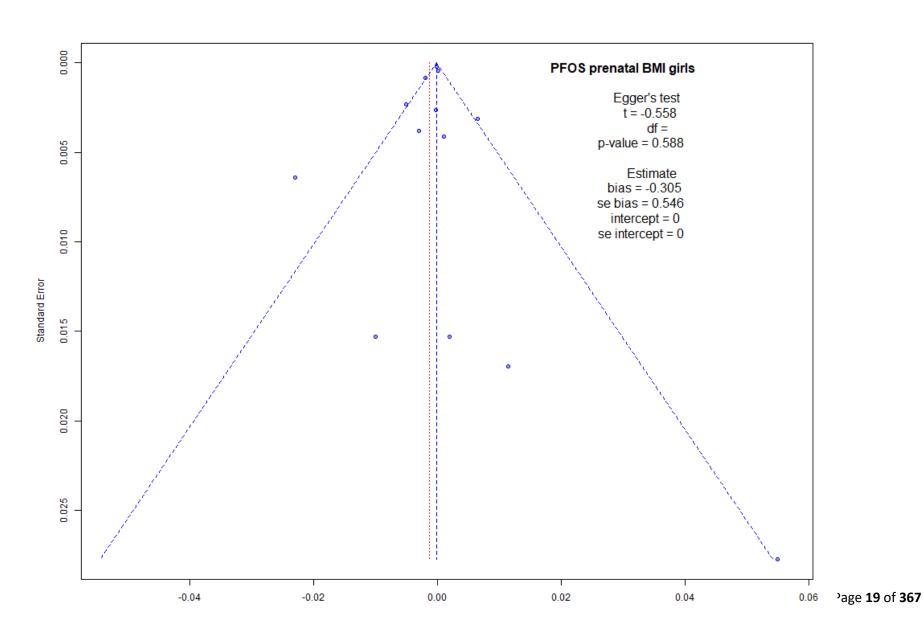
Study	Sampling	Outcome	Subj	PFOS prenatal BMI boys	95%-CI	Weight (common)	
Romano et al., 2022	24-28 w gest	12 m	204		-0.00 [-0.00; 0.00]		68.9%
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108		0.00 [-0.01; 0.02]		0.5%
Bloom et al., 2022	8-13 w gest	4-8 y	341	†	0.00 [-0.00; 0.01]		3.9%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	++	-0.00 [-0.01; 0.00]	0.0%	1.6%
Liu et al., 2020	del	12 y	96		-0.00 [-0.04; 0.03]	0.0%	0.1%
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	400	-+ 	-0.00 [-0.01; 0.00]	0.0%	1.9%
Mora et al., 2017	9.6 w gest	7.7 y	450	 -	0.00 [-0.00; 0.01]	0.1%	2.1%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318		-0.00 [-0.03; 0.02]	0.0%	0.1%
Chen et al., 2019	del	5 y	208	+	0.00 [-0.00; 0.00]	0.7%	20.2%
Chen et al., 2017	del	60 to 108 m	224 -		-0.04 [-0.08; 0.01]	0.0%	0.0%
Yeung et al., 2019	del	4 to 36 m	969		-0.01 [-0.02; 0.00]	0.0%	0.6%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551		0.00 [-0.03; 0.04]	0.0%	0.1%
Common effect model					-0.00 [-0.00; 0.00]	100.0%	
Random effects model					-0.00 [-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1, p = 0.50						
	• •			-0.05 0 0.05			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Romano et al., 2022	24-28 w gest	12 m	204	0.000 [0.000; 0.000]	+
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.005 [-0.009; 0.019]	
Bloom et al., 2022	8-13 w gest	4-8 y	341	0.001 [-0.004; 0.006]	+
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.004 [-0.012; 0.004]	-
Liu et al., 2020	del	12 y	96	-0.001 [-0.035; 0.033]	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	400	-0.005 [-0.012; 0.002]	-
Mora et al., 2017	9.6 w gest	7.7 y	450	0.003 [-0.004; 0.009]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318	-0.004 [-0.029; 0.021]	
Chen et al., 2019	del	5 y	208	0.000 [-0.001; 0.002]	<u> </u>
Chen et al., 2017	del	60 to 108 m	224	-0.039 [-0.083; 0.006]	
Yeung et al., 2019	del	4 to 36 m	969	-0.010 [-0.023; 0.002]	-
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.005 [-0.034; 0.044]	-
Summary				-0.004 [-0.010; 0.001]	•
					-0.08 -0.06 -0.04 -0.02 0 0.02 0.04



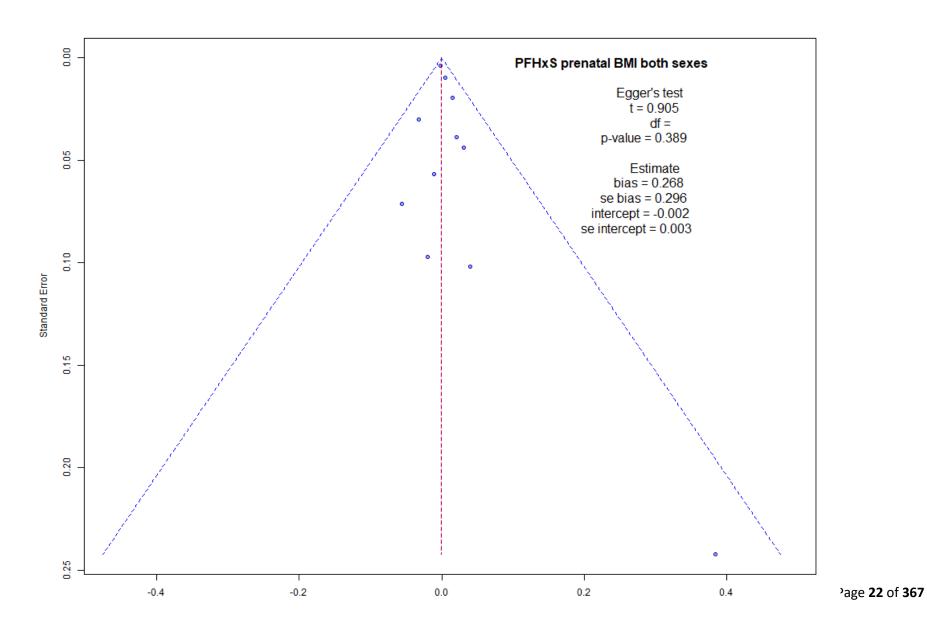
Study	Sampling	Outcome	Subj	PFOS prenatal BMI girls	95%-CI	Weight (common)	
Romano et al., 2022	24-28 w gest within 3 d before del	12 m	214 98	<u> </u>	0.00 [-0.00; 0.00]	16.5% 0.5%	15.2% 10.8%
Zhang, Lei, et al., 2022 Bloom et al., 2022	8-13 w gest	7 y 4-8 v	320	4	-0.00 [-0.01; 0.00] -0.01 [-0.01; -0.00]	0.5%	11.5%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d		+	0.00 [-0.01; 0.01]	0.2%	7.5%
Hartman et al., 2017	15 w gest	9 y	312	•	-0.00 [-0.00; -0.00]	4.7%	14.7%
Liu et al., 2020	del	12 y	116	- 	0.00 [-0.03; 0.03]	0.0%	1.0%
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	387	- (-0.00 [-0.01; 0.00]	0.2%	8.1%
Mora et al., 2017	9.6 w gest	7.7 y	421	+	0.01 [0.00; 0.01]	0.3%	9.5%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	<u></u>	-0.01 [-0.04; 0.02]	0.0%	1.0%
Chen et al., 2019	del	5 y	196	.	-0.00 [-0.00; 0.00]	76.7%	15.3%
Chen et al., 2017	del	60 to 108 m	205	'	- 0.05 [0.00; 0.11]	0.0%	0.3%
Yeung et al., 2019	del	4 to 36 m	881		-0.02 [-0.04; -0.01]	0.1%	4.4%
Manzano-Salgado et al., 2017	1st tr gest	7 y	535		0.01 [-0.02; 0.04]	0.0%	0.8%
Common effect model					-0.00 [-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 63\%$, $\tau^2 < 0.00$	101 p < 0.01				-0.00 [-0.00; 0.00]		100.0%
neterogeneity. 1 = 63%, t < 0.00	101, p < 0.01		-(0.1 -0.05 0 0.05 0.	.1		

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Romano et al., 2022	24-28 w gest	12 m	214	0.000 [-0.001; 0.001]	•
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.000 [-0.005; 0.005]	+
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.005 [-0.010; 0.000]	-
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.001 [-0.007; 0.009]	-
Hartman et al., 2017	15 w gest	9 y	312	-0.002 [-0.004; 0.000]	+
Liu et al., 2020	del	12 y	116	0.002 [-0.028; 0.032]	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	387	-0.003 [-0.010; 0.004]	-
Mora et al., 2017	9.6 w gest	7.7 y	421	0.006 [0.000; 0.013]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	-0.010 [-0.040; 0.020]	
Chen et al., 2019	del	5 y	196	0.000 [0.000; 0.000]	•
Chen et al., 2017	del	60 to 108 m	205	0.055 [0.001; 0.109]	-
Yeung et al., 2019	del	4 to 36 m	881	-0.023 [-0.036; -0.010]	
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.011 [-0.022; 0.045]	
Summanı				0.004 [0.006 0.004]	
Summary				-0.001 [-0.006; 0.004]	
				40	.04 -0.02 0 0.02 0.04 0.06 0.08 0.1



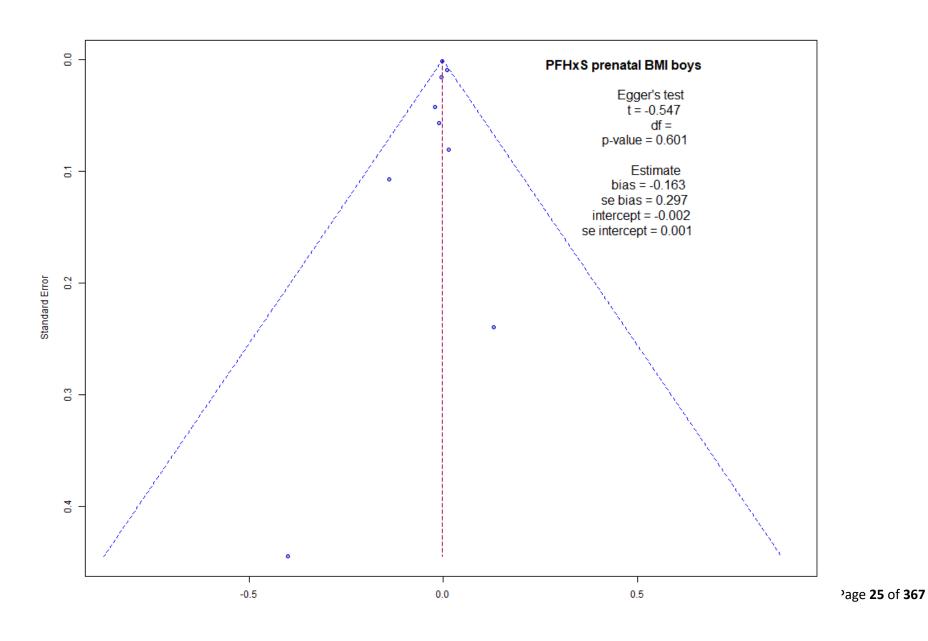
Study	Sampling	Outcome	Subj Pl	FHxS prenatal BMI both sexe	s	95%-CI	Weight (common)	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	+	0.02 [-0	.05; 0.10]	0.9%	0.9%
Bloom et al., 2022	8-13 w gest	4 -8 y	661	-+	-0.03 [-0	.09; 0.03]	1.4%	1.4%
Gyllenhammar et al., 2018	3 w after del	5 y	182	+	0.02 [-0	.02; 0.05]	3.3%	3.3%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395		-0.01 [-0	.12; 0.10]	0.4%	0.4%
Liu et al., 2020	del	12 y	212	+	0.38 [-0	.09; 0.86]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	871	<u></u>	0.00 [-0	.01; 0.02]	13.4%	13.4%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593		0.04 [-0	.16; 0.24]	0.1%	0.1%
Chen et al., 2019	del	5 y	404		-0.00 [-0	.01; 0.01]	79.5%	79.5%
Karlsen et al., 2017	2 w after del	5 y	371	 	0.03 [-0	.05; 0.12]	0.7%	0.7%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086		-0.06 [-0	.20; 0.08]	0.2%	0.2%
Vrijheid et al., 2020	during gest	6-11 years	1301		-0.02 [-0	.21; 0.17]	0.1%	0.1%
Common effect model				ė	-0.00 [-0	.01; 0.01]	100.0%	
Random effects model				<u> </u>	-0.00 [-0	.01; 0.01]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1. ρ = 0.79				-	•		
				-0.5 0 0.5				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.021 [-0.055; 0.096]		-				
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.032 [-0.092; 0.027]	-	•				
Gyllenhammar et al., 2018	3 w after del	5 y	182	0.015 [-0.023; 0.054]		+				
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.011 [-0.122; 0.101]						
Liu et al., 2020	del	12 y	212	0.384 [-0.091; 0.859]	-	+		•		
Mora et al., 2017	9.6 w gest	7.7 y	871	0.005 [-0.014; 0.024]		•				
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	0.040 [-0.160; 0.240]		-				
Chen et al., 2019	del	5 y	404	-0.001 [-0.009; 0.006]		•				
Karlsen et al., 2017	2 w after del	5 y	371	0.031 [-0.054; 0.117]		-				
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.056 [-0.196; 0.084]		-				
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.020 [-0.211; 0.170]		•				
Summary				-0.001 [-0.052; 0.051]		•				
								$\overline{}$		\neg
					-0.2	0	0.2	0.4	0.6	8.0



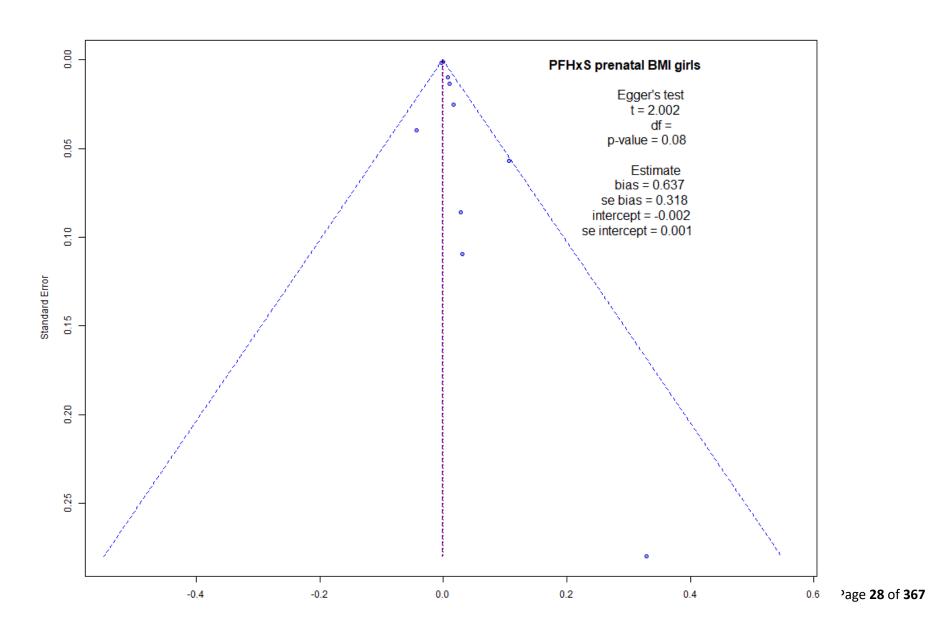
Study	Sampling	Outcome	Subj	PFHxS prenatal BMI boys	95%-CI (Weight (common) (Weight random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	24-28 w gest within 3 d before del 8-13 w gest 15 w gest del 9.6 w gest before 16 w gest del 1st tr gest	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 12 y 7.7 y 3 m, 18 m 5 y 7 y	204 108 341 1228 96 450 318 208 551		-0.00 [-0.01; 0.00] 0.01 [-0.14; 0.17] -0.02 [-0.11; 0.06] -0.01 [-0.12; 0.10] -0.40 [-1.27; 0.47] -0.00 [-0.04; 0.03] 0.13 [-0.34; 0.60] 0.01 [-0.01; 0.03] -0.14 [-0.35; 0.07]	95.6% 0.0% 0.1% 0.1% 0.0% 1.0% 0.0% 3.1% 0.0%	95.6% 0.0% 0.1% 0.1% 0.0% 1.0% 0.0% 3.1% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	= 0.80			-1 -0.5 0 0.5 1	-0.00 [-0.01; 0.00] -0.00 [-0.01; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Romano et al., 2022	24-28 w gest	12 m	204	-0.002 [-0.005; 0.001]			•	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.014 [-0.143; 0.172]			-	
Bloom et al., 2022	8-13 w gest	4-8 y	341	-0.022 [-0.105; 0.062]			<u>+</u>	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.011 [-0.122; 0.101]				
Liu et al., 2020	del	12 y	96	-0.401 [-1.274; 0.472]		-		
Mora et al., 2017	9.6 w gest	7.7 y	450	-0.005 [-0.036; 0.026]			+	
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318	0.130 [-0.340; 0.600]			-	
Chen et al., 2019	del	5 y	208	0.009 [-0.008; 0.026]			+	
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.140 [-0.350; 0.070]			-	
Summary				-0.027 [-0.098; 0.045]			•	
						1	1	
					-1	-0.5	0	0.5



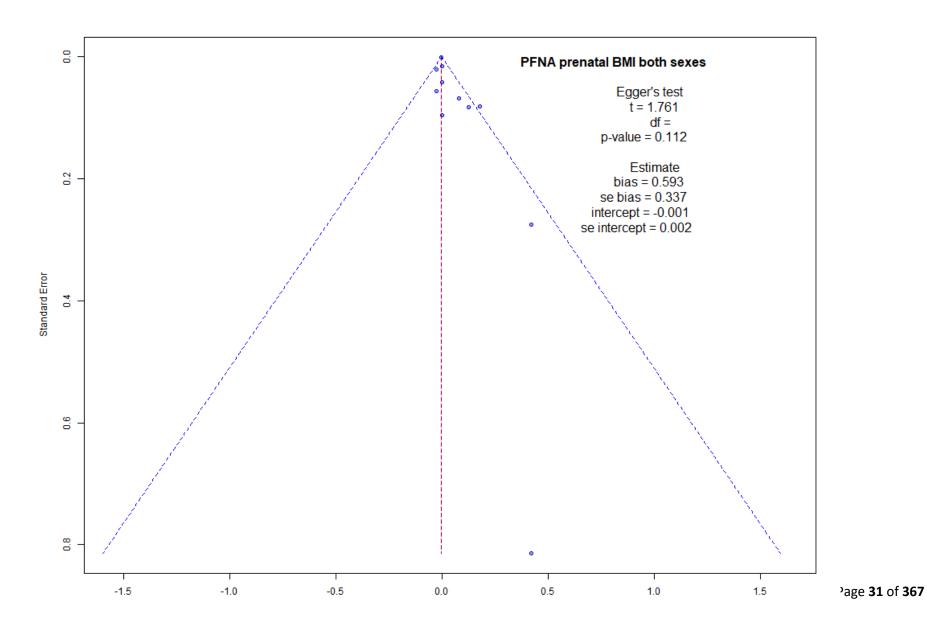
Study	Sampling	Outcome	Subj	PFHxS prenatal BMI girls	95%-CI	Weight (common)	Weight (random)
Romano et al., 2022	24-28 w gest	12 m	214	+	0.01 [-0.01; 0.03]	1.2%	3.2%
Zhang, Lei, et al., 2022	within 3 d before del		98	+	0.02 [-0.03; 0.07]	0.2%	0.5%
Bloom et al., 2022	8-13 w gest	4-8 y	320	-+	-0.04 [-0.12; 0.04]	0.1%	0.2%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	 	0.11 [-0.01; 0.22]	0.0%	0.1%
Hartman et al., 2017	15 w gest	9 y	311		-0.00 [-0.00; 0.00]	64.4%	52.5%
Liu et al., 2020	del	12 y	116	+	— 0.33 [-0.22; 0.88]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	421	+	0.01 [-0.02; 0.04]	0.7%	1.8%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	 - -	0.03 [-0.18; 0.24]	0.0%	0.0%
Chen et al., 2019	del	5 y	196	•	-0.00 [-0.01; 0.00]	33.5%	41.5%
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	- 	0.03 [-0.14; 0.20]	0.0%	0.0%
Common effect model					-0.00 [-0.00; 0.00]	100.0%	
Random effects model					-0.00 [-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1. p = 0.46						
	.,,,			-0.5 0 0.5			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Romano et al., 2022	24-28 w gest	12 m	214	0.007 [-0.012; 0.027]	+				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.016 [-0.034; 0.066]	+	_			
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.043 [-0.121; 0.035]	-				
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.106 [-0.005; 0.217]	+				
Hartman et al., 2017	15 w gest	9 y	311	-0.001 [-0.004; 0.002]	•				
Liu et al., 2020	del	12 y	116	0.329 [-0.219; 0.878]	-		-		
Mora et al., 2017	9.6 w gest	7.7 y	421	0.010 [-0.017; 0.036]		F			
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	0.030 [-0.185; 0.245]	-		-		
Chen et al., 2019	del	5 y	196	-0.003 [-0.006; 0.001]	•				
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.028 [-0.140; 0.196]					
Summary				0.049 [-0.001; 0.099]	•				
					-0.2 0	0.2	0.4	0.6	8.0

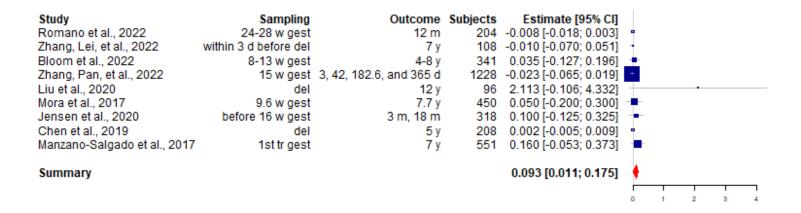


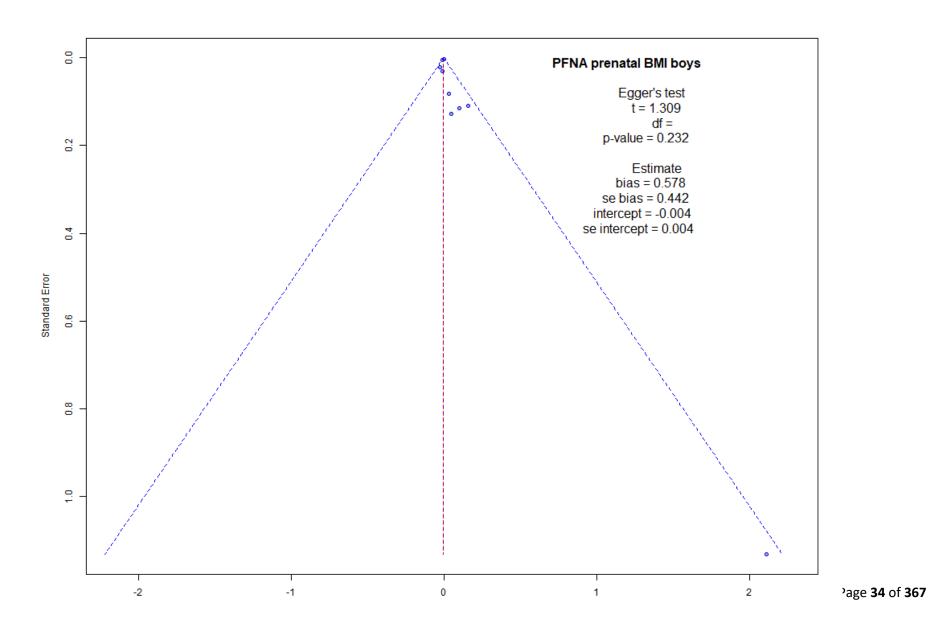
Study	Sampling	Outcome	Subj	PFNA prena	atal BMI I	both sexes	;	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206		+		0.00	[-0.03; 0.03]	1.1%	1.1%
Bloom et al., 2022	8-13 w gest	4-8 y	661		+		-0.02	[-0.13; 0.09]	0.1%	0.1%
Gyllenhammar et al., 2018	3 w after del	5 y	183		+		0.42	[-0.12; 0.96]	0.0%	0.0%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395		+		-0.02	[-0.06; 0.02]	0.6%	0.6%
Liu et al., 2020	del	12 y	212		- -		0.42	[-1.17; 2.02]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	871		+-		0.12	[-0.04; 0.29]	0.0%	0.0%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593		-		0.18	[0.02; 0.34]	0.0%	0.0%
Chen et al., 2019	del	5 y	404				-0.00	[-0.00; 0.00]	97.8%	97.8%
Karlsen et al., 2017	2 w after del	5 y	371		+		0.00	[-0.08; 0.08]	0.1%	0.1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086		+-		0.08	[-0.05; 0.21]	0.1%	0.1%
Vrijheid et al., 2020	during gest	6-11 years	1301		+		0.00	[-0.19; 0.19]	0.0%	0.0%
Common effect model							-0.00	[-0.00; 0.00]	100.0%	
Random effects model							-0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 21\%$, $\tau^2 = 0$, p	= 0.24						1			
3 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				-2 -1	0	1 2	2			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.001 [-0.029; 0.031]	+
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.023 [-0.133; 0.087]	•
Gyllenhammar et al., 2018	3 w after del	5 y	183	0.423 [-0.115; 0.962]	-
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.023 [-0.063; 0.016]	
Liu et al., 2020	del	12 y	212	0.422 [-1.175; 2.018]	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.125 [-0.037; 0.288]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	0.180 [0.020; 0.340]	-
Chen et al., 2019	del	5 y	404	0.000 [-0.003; 0.003]	•
Karlsen et al., 2017	2 w after del	5 y	371	0.000 [-0.082; 0.082]	+
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.080 [-0.053; 0.213]	-
Vrijheid et al., 2020	during gest	6-11 years	1301	0.000 [-0.188; 0.188]	+
Summary				0.048 [-0.013; 0.109]	•
					-1 -0.5 0 0.5 1 1.5 2



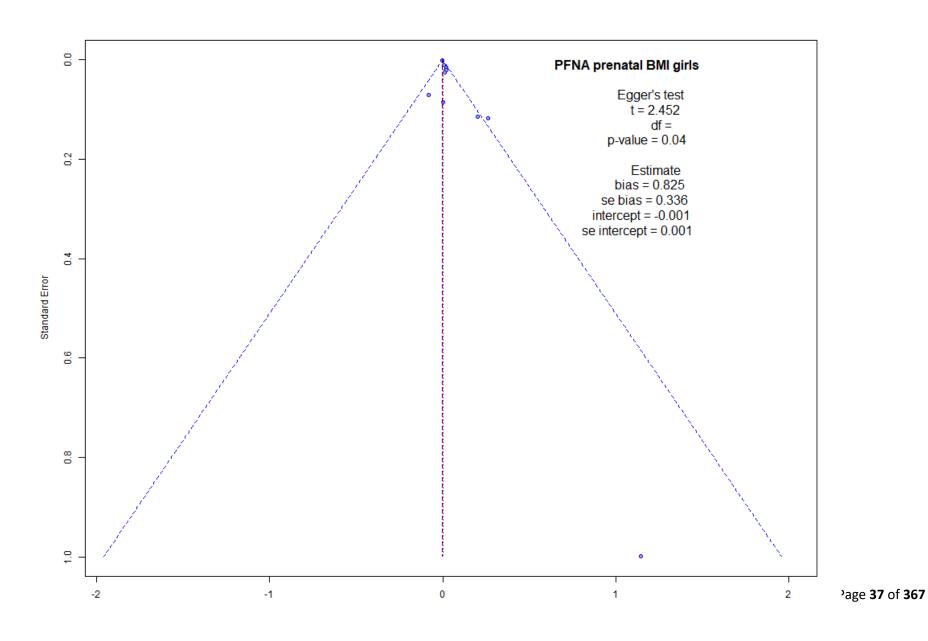
Study	Sampling	Outcome	Subj	PFNA prenatal BMI boy	s 95%-C	Weight (common)	_
Romano et al., 2022	24-28 w gest	12 m	204	•	-0.01 [-0.02; 0.00		38.9%
Zhang, Lei, et al., 2022 Bloom et al., 2022	within 3 d before del 8-13 w gest	7 y 4-8 y	108 341		-0.01 [-0.07; 0.05 0.03 [-0.13; 0.20	•	2.0% 0.3%
Zhang, Pan, et al., 2022 Liu et al., 2020	15 w gest del	3, 42, 182.6, and 365 d 12 v	1228 96		-0.02 [-0.07; 0.02 2.11 [-0.11; 4.33		4.1% 0.0%
Mora et al., 2017	9.6 w gest	7.7 y	450	+	0.05 [-0.20; 0.30	0.1%	0.1%
Jensen et al., 2020 Chen et al., 2019	before 16 w gest del	3 m, 18 m 5 y	318 208	<u>†</u>	0.10 [-0.12; 0.32 0.00 [-0.01; 0.01	•	0.1% 54.3%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	+	0.16 [-0.05; 0.37	0.1%	0.2%
Common effect model					-0.00 [-0.01; 0.00]		
Random effects model Heterogeneity: $I^2 = 22\%$, $\tau^2 < 0.00$	01. p = 0.25				-0.00 [-0.01; 0.01]		100.0%
	0.20		-	-4 -2 0 2	4		





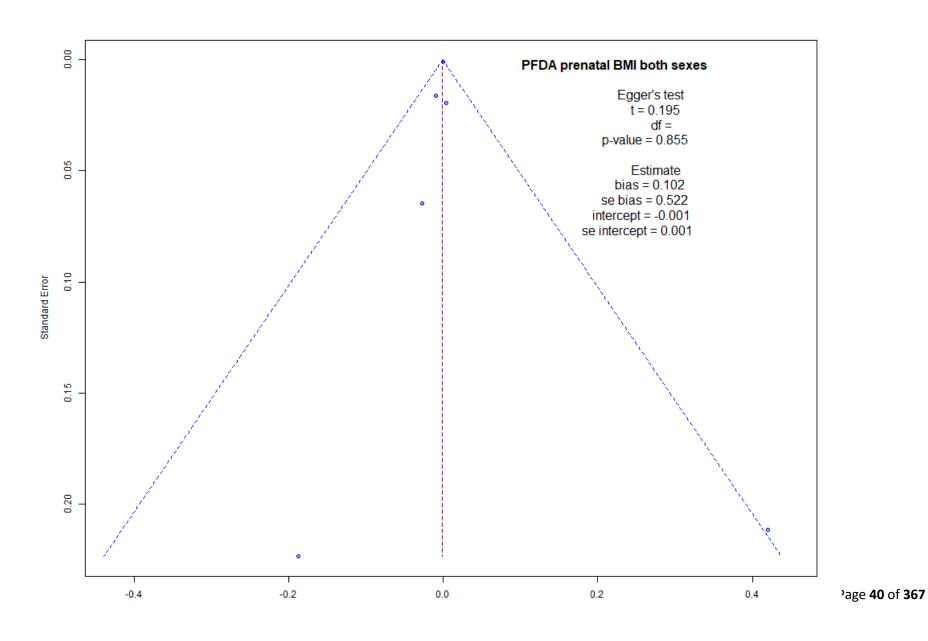
Study	Sampling	Outcome	Subj	PFNA prenatal BMI girls	95%-C	Weight (common)	Weight (random)
Romano et al., 2022	24-28 w gest	12 m	214		0.02 [-0.01; 0.05	0.2%	7.4%
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	•	0.01 [-0.01; 0.03	0.5%	16.0%
Bloom et al., 2022	8-13 w gest	4-8 y	320	- +	-0.08 [-0.22; 0.06	0.0%	0.4%
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167)	0.02 [-0.02; 0.06	0.1%	4.9%
Hartman et al., 2017	15 w gest	9 y	312	+	0.01 [-0.04; 0.06	0.1%	3.1%
Liu et al., 2020	del	12 y	116		1.14 [-0.81; 3.10]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	421	 - -	0.20 [-0.02; 0.42]	0.0%	0.2%
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	 	0.26 [0.03; 0.49	0.0%	0.2%
Chen et al., 2019	del	5 y	196		-0.00 [-0.00; 0.00]	99.0%	67.5%
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	+	0.00 [-0.17, 0.17	0.0%	0.3%
Common effect model					-0.00 [-0.00; 0.00]	100.0%	
Random effects model					0.00 [-0.01; 0.01]	j	100.0%
Heterogeneity: $I^2 = 33\%$, $\tau^2 < 0.00$	01, p = 0.14						
			-	3 -2 -1 0 1 2	3		

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Romano et al., 2022	24-28 w gest	12 m	214	0.019 [-0.013; 0.051]	+			
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.007 [-0.013; 0.027]	+			
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.081 [-0.219; 0.058]	<u> </u>			
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.019 [-0.021; 0.058]	-			
Hartman et al., 2017	15 w gest	9 y	312	0.011 [-0.040; 0.061]	•			
Liu et al., 2020	del	12 y	116	1.145 [-0.813; 3.103]		-		
Mora et al., 2017	9.6 w gest	7.7 y	421	0.200 [-0.025; 0.425]	-			
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	0.260 [0.030; 0.490]	-			
Chen et al., 2019	del	5 y	196	0.000 [-0.002; 0.001]	•			
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.000 [-0.166; 0.166]	•			
Summary				0.080 [0.004; 0.156]	•			
						4	2	3



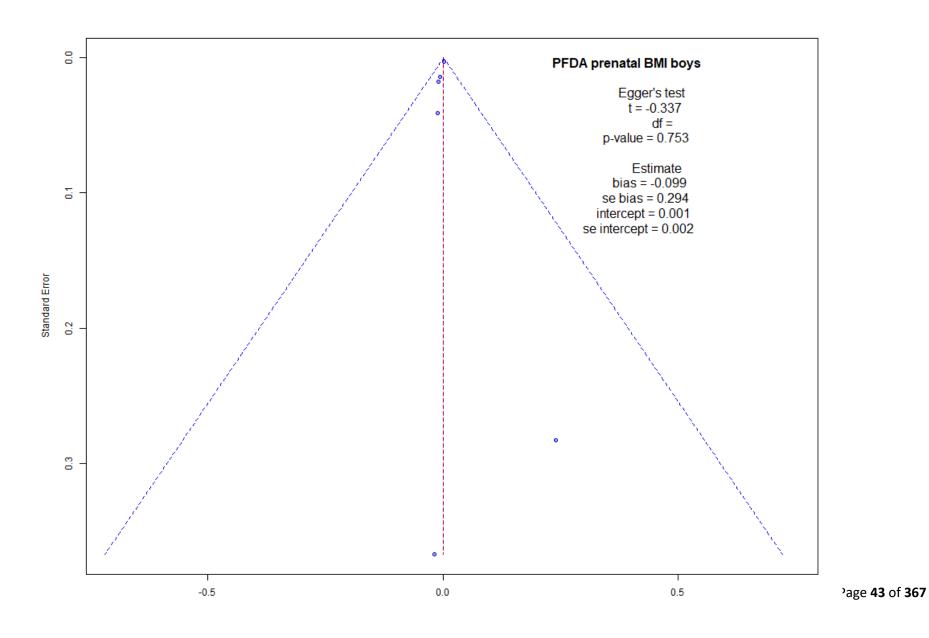
Study	Sampling	Outcome	Subj	PFDA prenatal BMI both sexes	8	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Chen et al., 2019 Karlsen et al., 2017	within 3 d before del 8-13 w gest 15 w gest before 16 w gest del 2 w after del	7 y 4-8 y 3, 42, 182.6, and 365 d 3 m, 18 m 5 y 5 y	206 661 2395 593 404 371		-0.19 -0.01 - 0.42 -0.00	[-0.03; 0.04] [-0.63; 0.25] [-0.04; 0.02] [0.00; 0.83] [-0.00; 0.00] [-0.15; 0.10]	0.3% 0.0% 0.5% 0.0% 99.1% 0.0%	0.9% 0.0% 1.3% 0.0% 97.7% 0.1%
Common effect model Random effects model Heterogeneity: $I^2 = 3\%$, $\tau^2 < 1$				-0.5 0 0.5		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]							
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.004 [-0.035; 0.042]			+				
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.188 [-0.626; 0.251]	_			_			
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.009 [-0.041; 0.023]			_				
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	0.420 [0.005; 0.835]							
Chen et al., 2019	del	5 y	404	-0.001 [-0.003; 0.002]			•				
Karlsen et al., 2017	2 w after del	5 y	371	-0.027 [-0.154; 0.099]			+	-			
Summary				0.020 [-0.064; 0.105]			4				
							$\overline{}$				\neg
					-0.6	-0.4 -0.	2 0	0.2	0.4	0.6	8.0



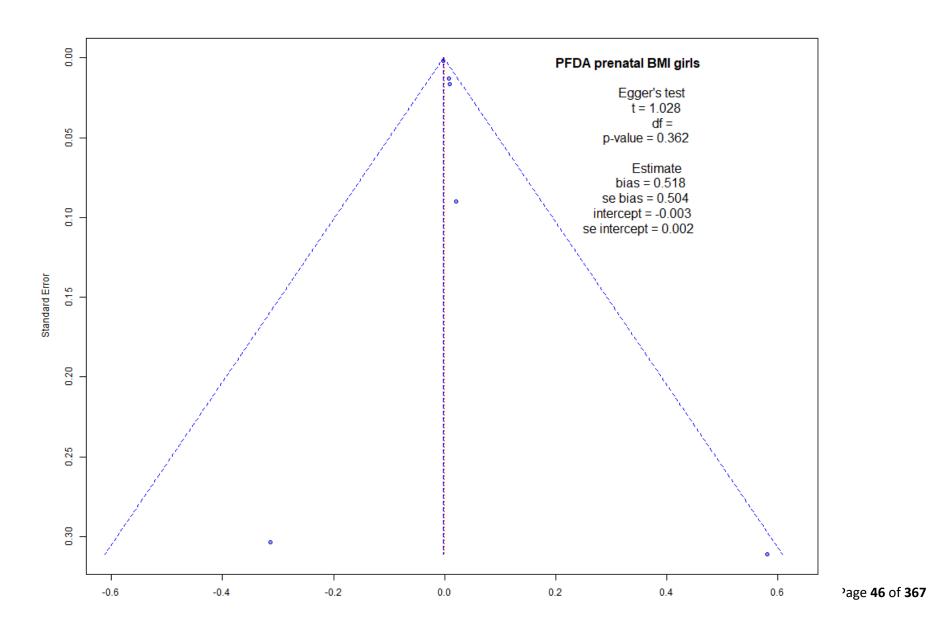
Study	Sampling	Outcome	Subj	PFDA pi	renatal BMI boys	s 95%-CI	Weight (common) (Weight random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Chen et al., 2019	24-28 w gest within 3 d before del 8-13 w gest 15 w gest before 16 w gest del	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 3 m, 18 m 5 y	204 108 341 1228 318 208		+	-0.01 [-0.03; 0.02] -0.01 [-0.09; 0.07] -0.02 [-0.74; 0.70] -0.01 [-0.04; 0.03] -0.24 [-0.32; 0.80] 0.00 [-0.00; 0.01]	0.4% 0.0% 2.3% 0.0%	3.6% 0.4% 0.0% 2.3% 0.0% 93.7%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0\%$				-0.5	0 0.5	0.00 [-0.00; 0.01] 0.00 [-0.00; 0.01]		100.0%

Sampling	Outcome	Subjects	Estimate [95% CI]	
28 w gest	12 m	204	-0.006 [-0.034; 0.022]	+
efore del	7 y	108	-0.011 [-0.091; 0.069]	+
13 w gest	4-8 y	341	-0.019 [-0.739; 0.702]	
15 w gest 3, 42, 182	.6, and 365 d	1228	-0.009 [-0.044; 0.025]	_
16 w gest	3 m, 18 m	318	0.240 [-0.315; 0.795]	
del	5 y	208	0.002 [-0.004; 0.007]	•
			0.023 [-0.103; 0.150]	•
				05.04.02.0.02.04.05
	28 w gest lefore del 13 w gest 15 w gest 3, 42, 182 16 w gest	28 w gest 12 m lefore del 7 y 13 w gest 4-8 y 15 w gest 3, 42, 182.6, and 365 d 16 w gest 3 m, 18 m	28 w gest 12 m 204 lefore del 7 y 108 13 w gest 4-8 y 341 15 w gest 3, 42, 182.6, and 365 d 1228 16 w gest 3 m, 18 m 318	28 w gest 12 m 204 -0.006 [-0.034; 0.022] lefore del 7 y 108 -0.011 [-0.091; 0.069] 13 w gest 4-8 y 341 -0.019 [-0.739; 0.702] 15 w gest 3, 42, 182.6, and 365 d 1228 -0.009 [-0.044; 0.025] 16 w gest 3 m, 18 m del 5 y 208 0.002 [-0.004; 0.007]



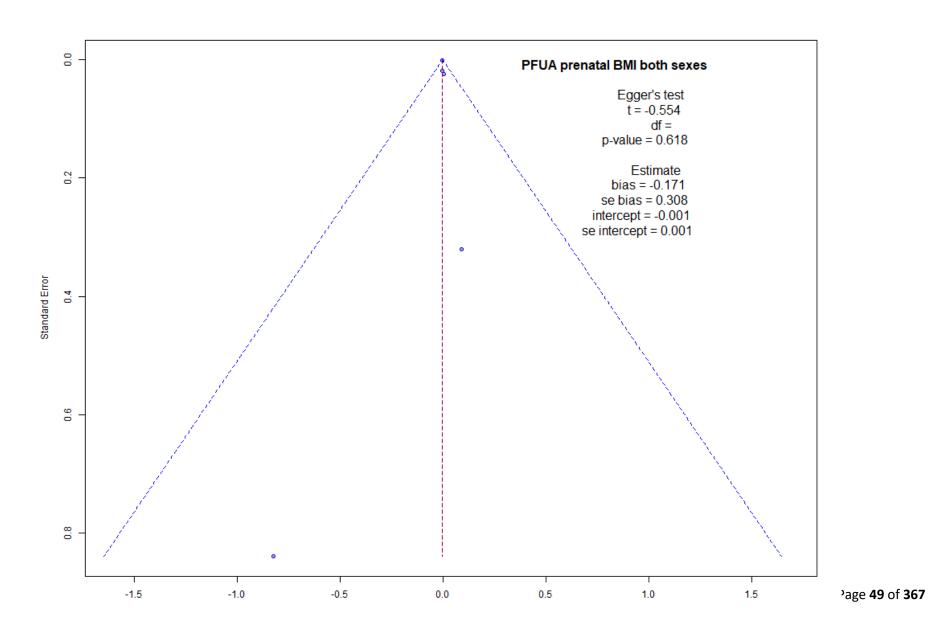
Study	Sampling	Outcome	Subj	PFDA prenatal BMI girls	95%-CI (Weight Weight common) (random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Chen et al., 2019	24-28 w gest within 3 d before del 8-13 w gest 15 w gest before 16 w gest del	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 3 m, 18 m 5 y	214 98 320 1167 275 196		0.02 [-0.16; 0.20] 0.01 [-0.02; 0.03] -0.31 [-0.91; 0.28] 0.01 [-0.02; 0.04] 	0.0% 0.1% 2.4% 3.7% 0.0% 0.0% 1.5% 2.4% 0.0% 0.0% 96.1% 93.8%
Common effect model Random effects model Heterogeneity: I^2 = 10%, τ^2				-1 -0.5 0 0.5 1	-0.00 [-0.01; 0.00] -0.00 [-0.01; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Romano et al., 2022	24-28 w gest	12 m	214	0.021 [-0.156; 0.197]	-
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.007 [-0.018; 0.033]	†
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.313 [-0.908; 0.282]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.009 [-0.023; 0.041]	-
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	0.580 [-0.030; 1.190]	
Chen et al., 2019	del	5 y	196	-0.002 [-0.006; 0.002]	•
Summary				0.033 [-0.081; 0.147]	•
					-0.5 0 0.5 1



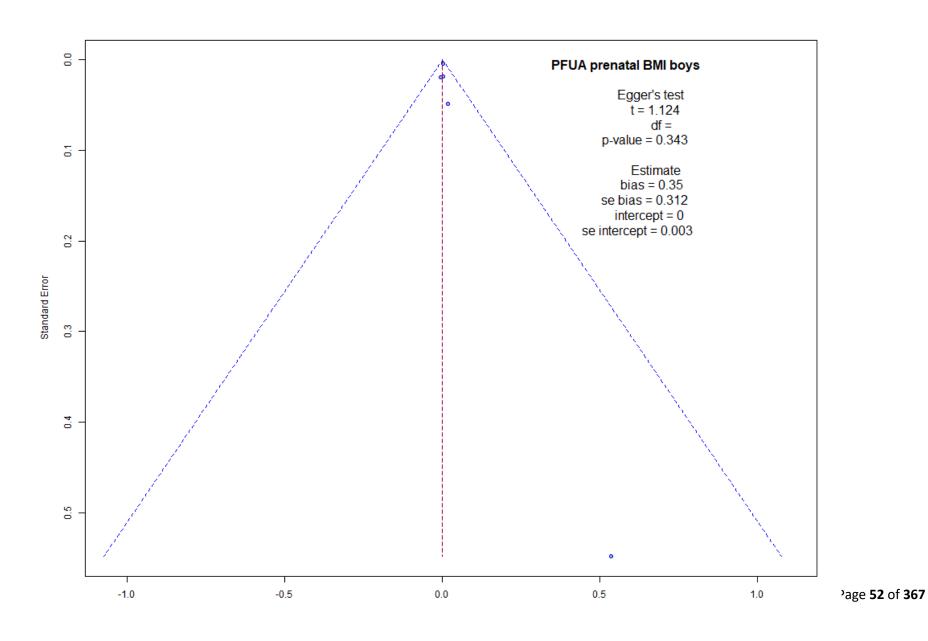
Study	Sampling	Outcome	Subj	PFUA prena	tal BMI bo	oth sexes	s	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019 Vrijheid et al., 2020	within 3 d before del 8-13 w gest 15 w gest del during gest	7 y 4-8 y 3, 42, 182.6, and 365 d 5 y 6-11 years	206 661 2395 404 1301				0.09 -0.01 -0.00	[-0.04; 0.05] [-0.54; 0.72] [-0.04; 0.03] [-0.00; 0.00] [-2.47; 0.82]	0.5% 0.0% 0.7% 98.8% 0.0%	0.5% 0.0% 0.7% 98.8% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =	0, p = 0.89			-2 -1	0	1 2		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.005 [-0.041; 0.051]	+
Bloom et al., 2022	8-13 w gest	4-8 y	661	0.090 [-0.538; 0.717]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.005 [-0.043; 0.032]	-
Chen et al., 2019	del	5 y	404	-0.002 [-0.005; 0.002]	•
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.823 [-2.469; 0.823]	
Summary				-0.206 [-0.646; 0.233]	-
					-2 -1.5 -1 -0.5 0 0.5



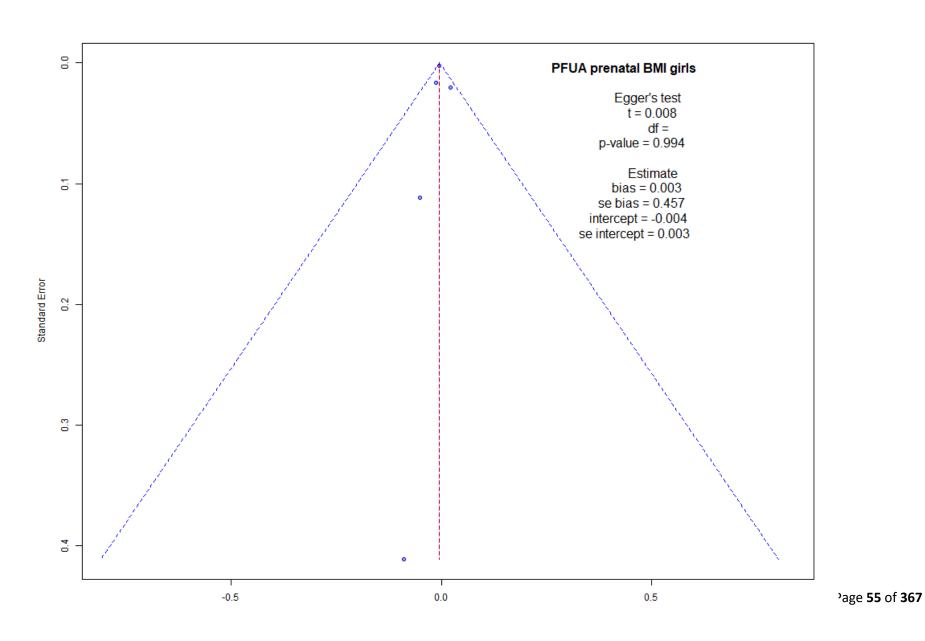
Study	Sampling	Outcome	Subj	PFUA prenatal BMI boys		95%-CI (Weight common) (Weight random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019	8-13 w gest	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 5 y	204 108 341 1228 208	-	0.02 - 0.54 -0.01	[-0.03; 0.04] [-0.08; 0.11] [-0.54; 1.61] [-0.04; 0.03] [-0.01; 0.01]	4.1% 0.6% 0.0% 3.8% 91.6%	4.1% 0.6% 0.0% 3.8% 91.6%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2			-1	.5 -1 -0.5 0 0.5 1 1		[-0.01; 0.01] [-0.01; 0.01]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Romano et al., 2022	24-28 w gest	12 m	204	0.003 [-0.033; 0.039]		•			
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.019 [-0.077; 0.115]		+			
Bloom et al., 2022	8-13 w gest	4-8 y	341	0.538 [-0.538; 1.613]			_		
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.005 [-0.043; 0.032]		_			
Chen et al., 2019	del	5 y	208	0.002 [-0.006; 0.010]					
Summary				0.086 [-0.091; 0.263]		•			
					-0.5	0	0.5	1	1.5

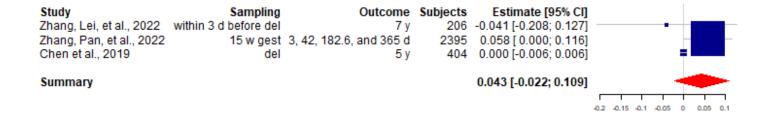


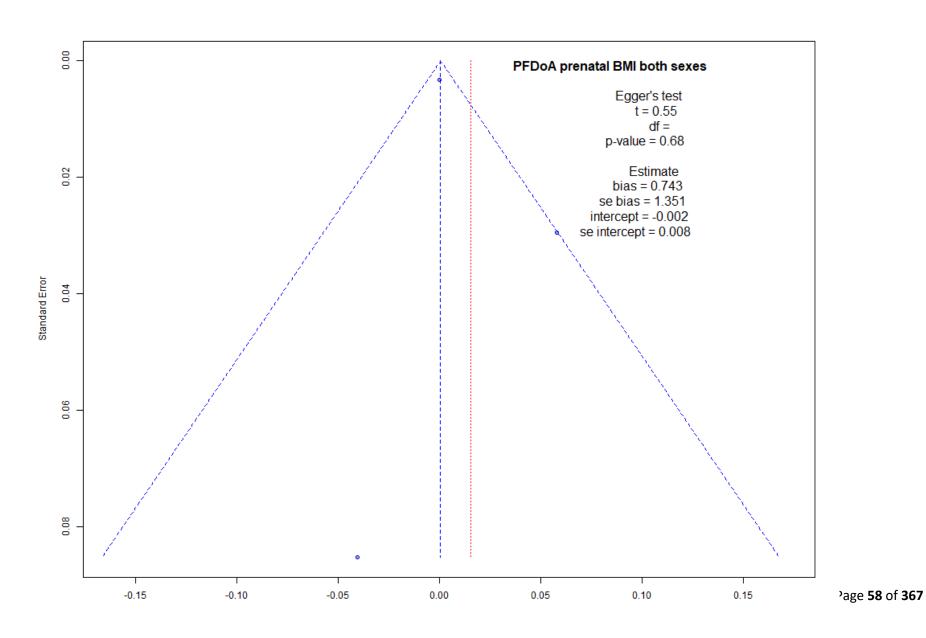
Study	Sampling	Outcome	Subj	PFUA pre	natal Bl	VII girls		95%-CI	Weight common) (Weight random)
Romano et al., 2022 Zhang, Lei, et al., 2022 Bloom et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019	24-28 w gest within 3 d before del 8-13 w gest 15 w gest del	12 m 7 y 4-8 y 3, 42, 182.6, and 365 d 5 y	214 98 320 - 1167 196	_	+		-0.01 -0.09 0.02	[-0.27; 0.17] [-0.05; 0.02] [-0.90; 0.72] [-0.02; 0.06] [-0.01; 0.00]	0.1% 2.7% 0.0% 1.7% 95.5%	0.1% 2.7% 0.0% 1.7% 95.5%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =				-0.5	0	 0.5		[-0.01; 0.00] [-0.01; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]			
Romano et al., 2022	24-28 w gest	12 m	214	-0.050 [-0.269; 0.169]	_		
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	-0.013 [-0.045; 0.019]		•	
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.090 [-0.896; 0.717]			
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.022 [-0.019; 0.062]		_	
Chen et al., 2019	del	5 y	196	-0.004 [-0.010; 0.001]			
Summary				-0.008 [-0.142; 0.125]		•	
					-0.5	0	0.5

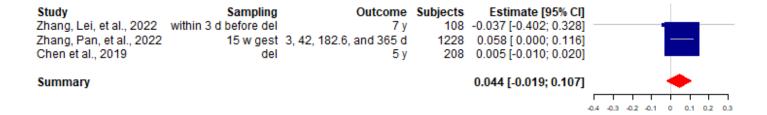


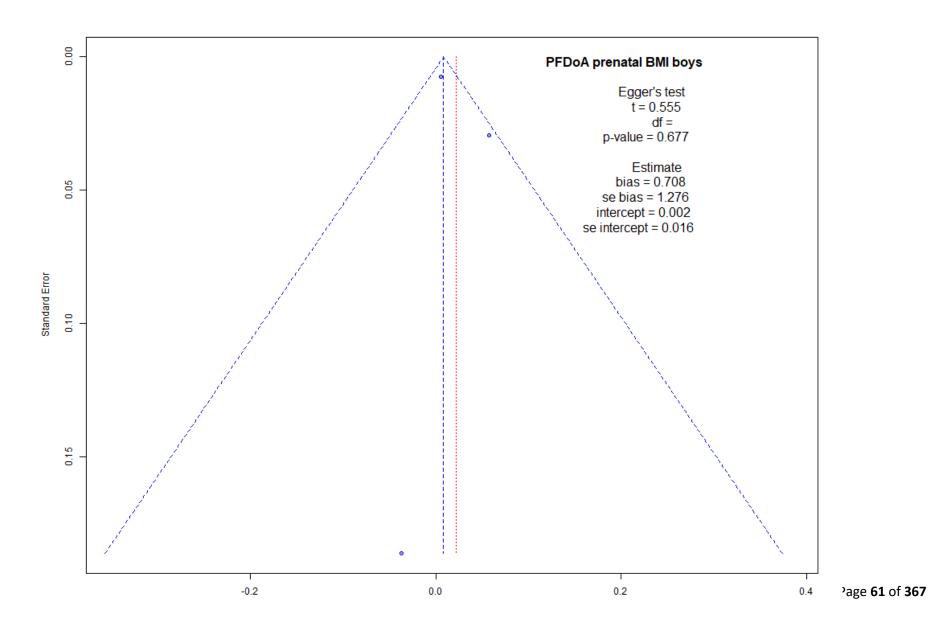
Study	Sampling	Outcome	Subj Pl	FDoA prenatal BM	l both s	exes	95%-CI	Weight (common) (Weight random)
Zhang, Lei, et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019		7 y 3, 42, 182.6, and 365 d 5 y	206 - 2395 404	•		0.06	[-0.21; 0.13] [0.00; 0.12] [-0.01; 0.01]	0.1% 1.2% 98.7%	6.8% 31.4% 61.8%
Common effect model Random effects model Heterogeneity: I^2 = 50%, τ^2	= 0.0009, p = 0.13		г -0.	2 -0.1 0	0.1		[-0.01; 0.01] [-0.03; 0.06]	100.0%	 100.0%



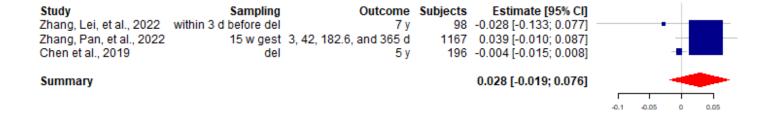


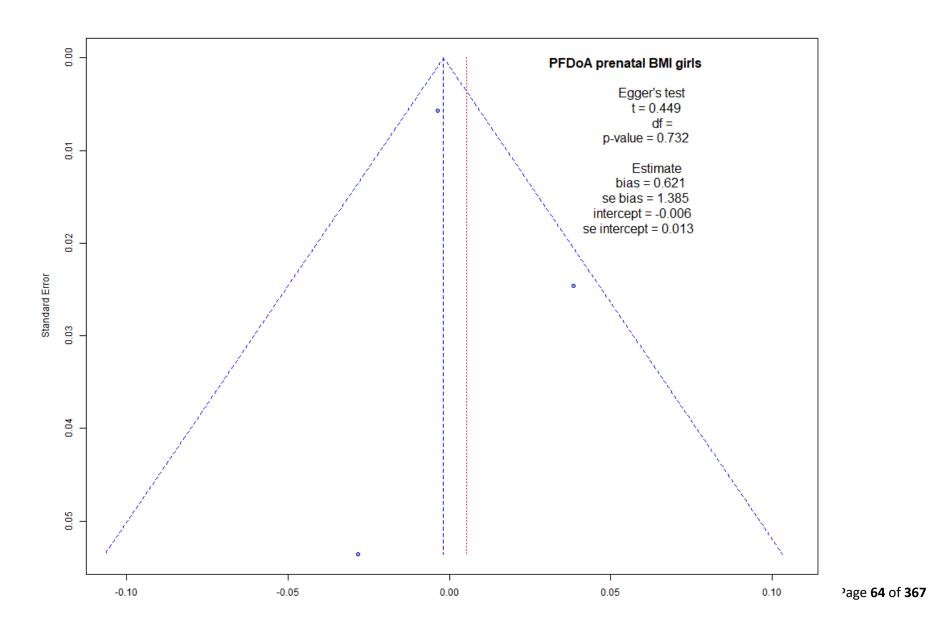
Study	Sampling	Outcome	Subj	PFDoA prenatal BMI boys	95%-CI	Weight (common) (Weight random)
Zhang, Lei, et al., 2022 Zhang, Pan, et al., 2022		7 y 3, 42, 182.6, and 365 d	108 - 1228		-0.04 [-0.40; 0.33] 0.06 [0.00; 0.12]	0.2% 6.2%	1.6% 33.6%
Chen et al., 2019	del	5 y	208	T .	0.01 [-0.01; 0.02]	93.6%	64.8%
Common effect model Random effects model Heterogeneity: I^2 = 34%, τ^2	= 0.0008, p = 0.22		-0.	4 -0.2 0 0.2	0.01 [-0.01; 0.02] 0.02 [-0.02; 0.07]	100.0%	100.0%



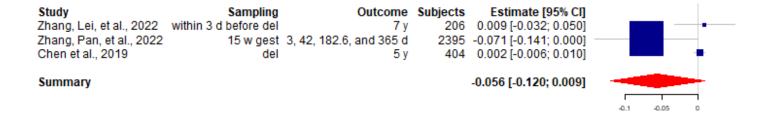


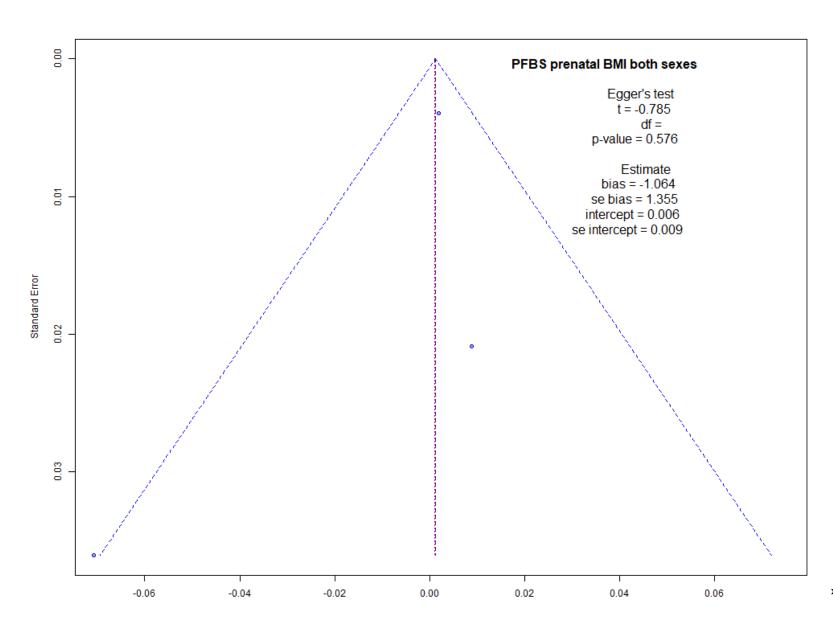
Study	Sampling	Outcome	Subj	PFDoA prenatal BMI girls		95%-CI	Weight (common) (Weight random)
Zhang, Lei, et al., 2022		2	98 -	-		[-0.13; 0.08]	1.1%	7.5%
Zhang, Pan, et al., 2022	_	3, 42, 182.6, and 365 d 1		- II		[-0.01; 0.09]	5.0%	25.7%
Chen et al., 2019	del	5 y	196	T	-0.00	[-0.01; 0.01]	93.9%	66.8%
Common effect model				☆	-0.00	[-0.01; 0.01]	100.0%	
Random effects model Heterogeneity: $I^2 = 34\%$, τ^2	= 0.0003, p = 0.22				0.01	[-0.02; 0.04]		100.0%
				-0.1 -0.05 0 0.05 0.1				





Study	Sampling	Outcome	Subj	PFBS prenatal BMI both sexes	:	95%-CI	Weight (common) (Weight (random)
Zhang, Lei, et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019		7 y 3, 42, 182.6, and 365 d 5 y	206 2395 404		-0.07	[-0.03; 0.05] [-0.14; 0.00] [-0.01; 0.01]	3.4% 1.1% 95.5%	4.2% 1.4% 94.4%
Common effect model Random effects model Heterogeneity: I^2 = 52%, τ^2	< 0.0001, p = 0.13			-0.1 -0.05 0 0.05 0.1		[-0.01; 0.01] [-0.01; 0.01]	100.0%	100.0%

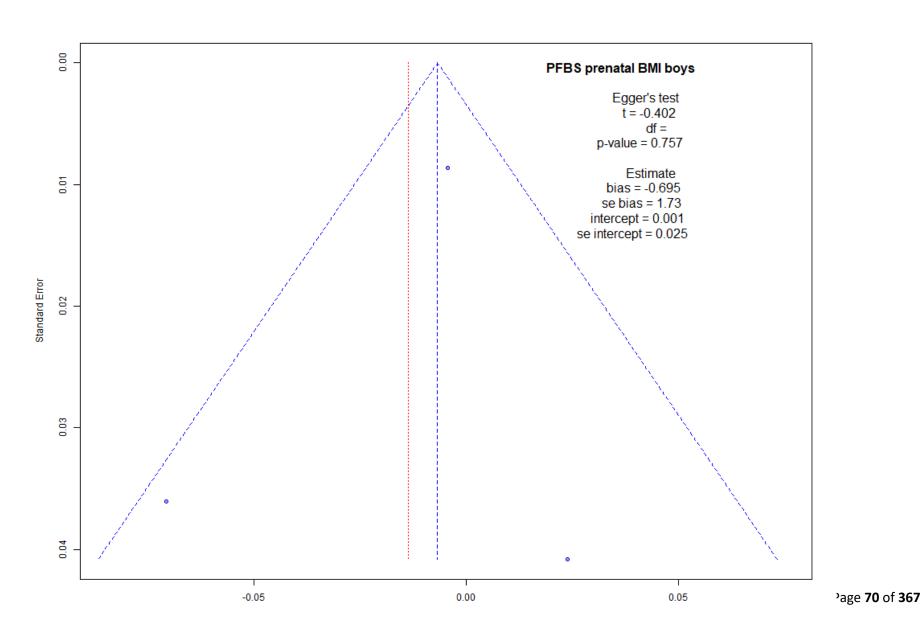




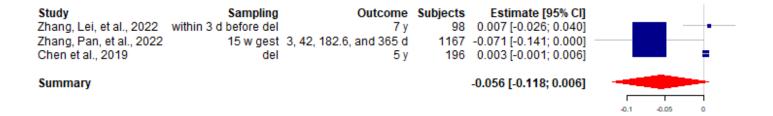
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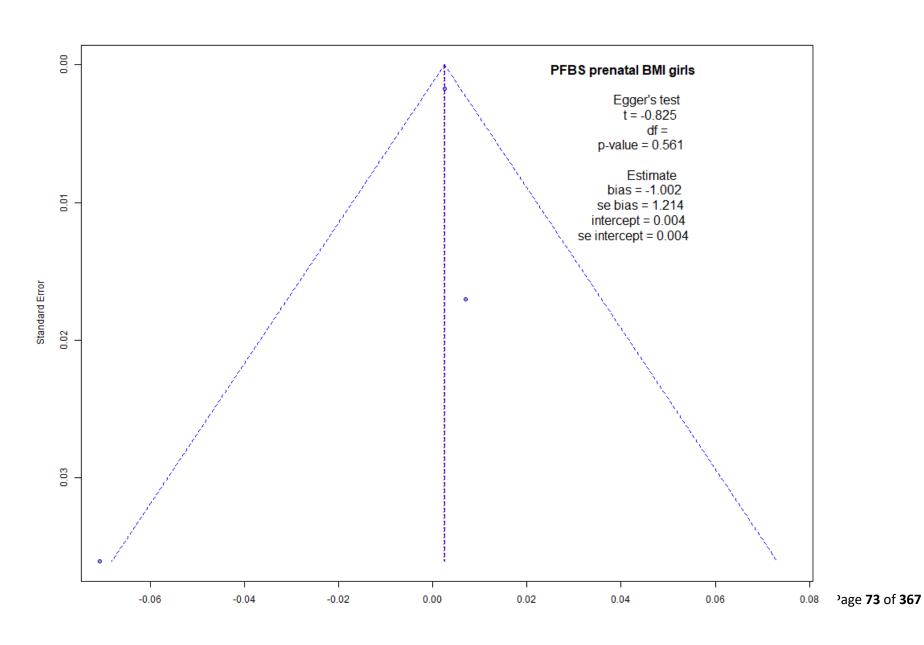
Study	Sampling	Outcome	Subj	PFBS prenatal BMI boys	95%-CI (Weight common) (r	Weight andom)
Zhang, Lei, et al., 2022 Zhang, Pan, et al., 2022		7 y 3, 42, 182.6, and 365 d	108 1228 -	•	0.02 [-0.06; 0.10] -0.07 [-0.14; 0.00]	4.1% 5.2%	18.1% 21.6%
Chen et al., 2019	del	5 y	208	<u> </u>	-0.00 [-0.02; 0.01]	90.7%	60.3%
Common effect model Random effects model Heterogeneity: $I^2 = 47\%$, τ^2	= 0.0006, p = 0.15				-0.01 [-0.02; 0.01] -0.01 [-0.05; 0.03]	100.0%	100.0%
				-0.1 -0.05 0 0.05 0.1			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.024 [-0.056; 0.104]			-	-	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.071 [-0.141; 0.000]			_		
Chen et al., 2019	del	5 y	208	-0.004 [-0.021; 0.013]			-		
Summary				-0.055 [-0.126; 0.015]	-		-	-	
							$\overline{}$		\neg
					-0.1	-0.05	0	0.05	0.1



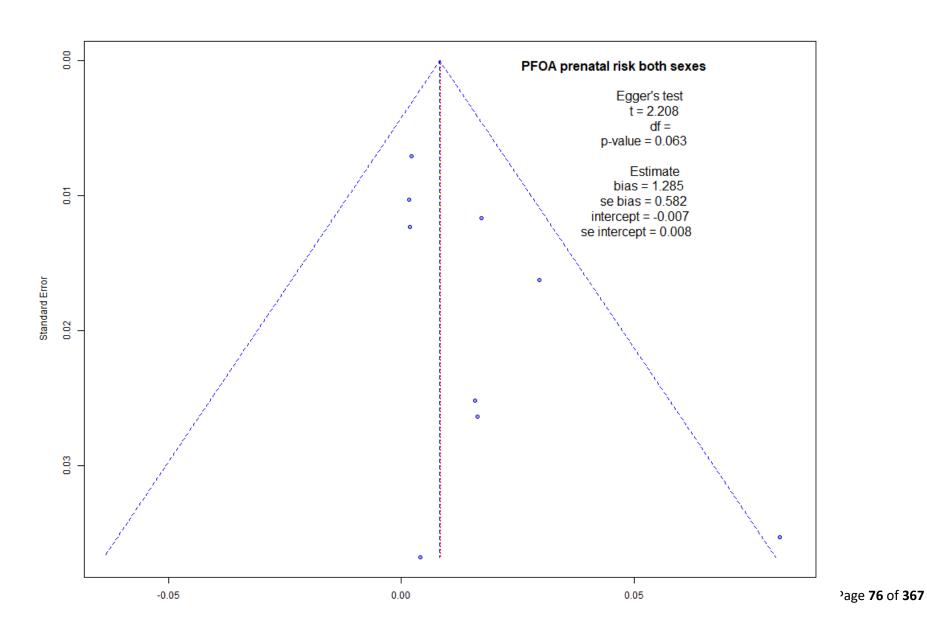
Study	Sampling	Outcome	Subj	PFBS prenatal BMI girls	95%-CI (Weight common) (Weight random)
Zhang, Lei, et al., 2022 Zhang, Pan, et al., 2022 Chen et al., 2019		7 y 3, 42, 182.6, and 365 d 5 y	98 1167 196	-	0.01 [-0.03; 0.04] -0.07 [-0.14; 0.00] 0.00 [-0.00; 0.01]	1.1% 0.2% 98.7%	2.2% 0.5% 97.4%
Common effect model Random effects model Heterogeneity: I^2 = 52%, τ^2	< 0.0001, p = 0.12			-0.1 -0.05 0 0.05 0.1	0.00 [-0.00; 0.01] 0.00 [-0.00; 0.01]	100.0%	100.0%





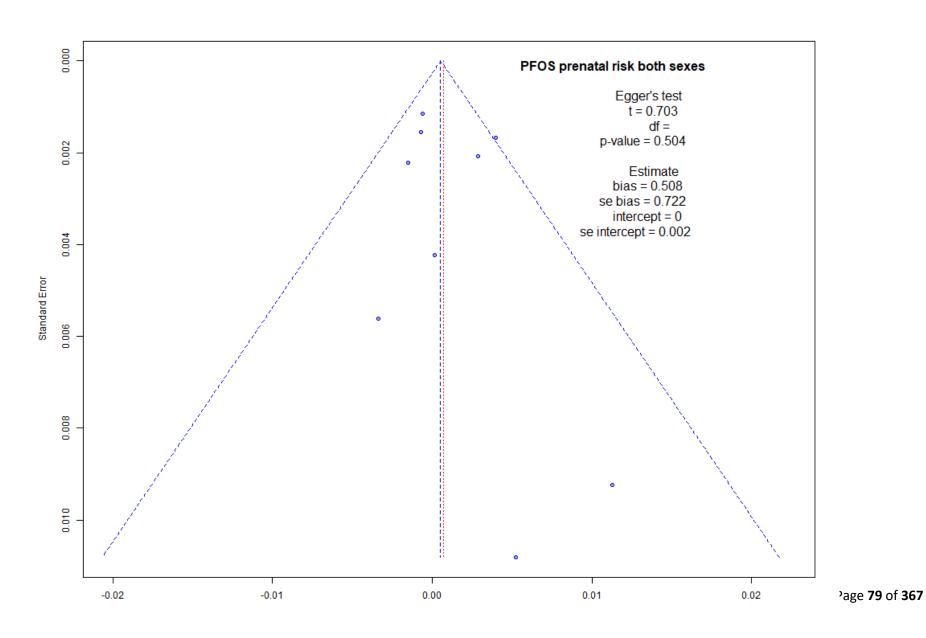
Study	Sampling	Outcome	Subj	PFOA prenatal risk both sexes	i	95%-CI	Weight (common)	•
Bloom et al., 2022	8-13 w gest	4-8 y	667	#		[-0.01; 0.02]		38.0%
Martinsson et al., 2020	14 w of gest	4 y	1048	- •	0.02	[-0.04; 0.07]	2.8%	2.8%
Lauritzen et al., 2018	17-20 w gest	5 y	412		0.08	[0.01; 0.15]	1.5%	1.6%
Mora et al., 2017	9.6 w gest	7.7 y	871	- #-	0.00	[-0.02; 0.02]	18.3%	18.4%
Braun et al., 2016	16 and 26 w gest and del	8 y	204	 <u> </u>	0.02	[-0.01; 0.04]	14.2%	14.3%
Karlsen et al., 2017	2 w after del	5 y	371	 	0.03	[-0.00; 0.06]	7.3%	7.4%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	- #-	0.00	[-0.02; 0.03]	12.7%	12.8%
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531		0.02	[-0.03; 0.07]	3.1%	3.1%
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491		0.00	[-0.07; 0.08]	1.4%	1.5%
Common effect model				.	0.01	[-0.00; 0.02]	100.0%	
Random effects model				<u> </u>	0.01	[-0.00; 0.02]		100.0%
Heterogeneity: $I^2 = 2\%$, $\tau^2 < 0.000$	1, p = 0.41			45 04 005 0 005 04 0	4.5			
			-0).15 -0.1 -0.05 0 0.05 0.1 0.1	15			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Bloom et al., 2022	8-13 w gest	4-8 y	667	0.002 [-0.012; 0.016]		•			
Martinsson et al., 2020	14 w of gest	4 y	1048	0.016 [-0.035; 0.068]	_	-			
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.081 [0.012; 0.151]		-		•	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.002 [-0.018; 0.022]		-			
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.017 [-0.006; 0.040]		-			
Karlsen et al., 2017	2 w after del	5 y	371	0.030 [-0.002; 0.062]			•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.002 [-0.022; 0.026]	-	-	-		
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	0.016 [-0.034; 0.065]	_	-			
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.004 [-0.068; 0.076]		-			
Summary				0.014 [-0.001; 0.029]		•	•		
						-		-	
					-0.05	0	0.05	0.1	0.15



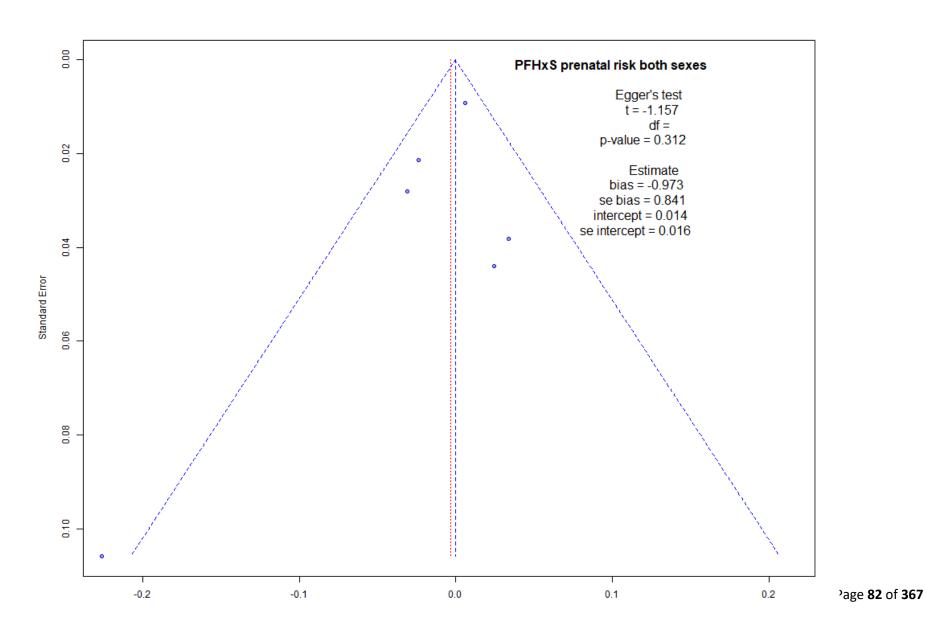
Study	Sampling	Outcome	Subj	PFOS prenatal risk both sexes	8	95%-CI	Weight (common)	Weight (random)
Bloom et al., 2022 Martinsson et al., 2020 Lauritzen et al., 2018 Mora et al., 2017 Braun et al., 2016 Karlsen et al., 2017 Manzano-Salgado et al., 2017 Hoyer et al., 2015 - Greenland Hoyer et al., 2015 - Ukraine	8-13 w gest 14 w of gest 17-20 w gest 9.6 w gest 16 and 26 w gest and del 2 w after del 1st tr gest 24 ± 10 w gest	4-8 y 4 y 5 y 7.7 y 8 y 5 y 7 y 5-9 y 5-9 y	667 1048 412 871 204 371 1086 531 491	-	0.00 - 0.01 0.00 -0.00 0.00 -0.00 -0.00	[-0.00; 0.00] [0.00; 0.01] [-0.01; 0.03] [-0.00; 0.01] [-0.00; 0.00] [-0.01; 0.01] [-0.01; 0.00] [-0.01; 0.00] [-0.02; 0.03]		26.1% 18.2% 1.0% 14.0% 20.0% 4.5% 2.7% 12.8% 0.8%
Common effect model Random effects model Heterogeneity: I^2 = 19%, τ^2 < 0.00	,	-,		-0.02-0.01 0 0.01 0.02	0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Bloom et al., 2022	8-13 w gest	4-8 y	667	-0.001 [-0.003; 0.002]		-		
Martinsson et al., 2020	14 w of gest	4 y	1048	0.004 [0.001; 0.007]		-	H	
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.011 [-0.007; 0.029]	_		-	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.003 [-0.001; 0.007]			_	
Braun et al., 2016	16 and 26 w gest and del	8 y	204	-0.001 [-0.004; 0.002]		-		
Karlsen et al., 2017	2 w after del	5 y	371	0.000 [-0.008; 0.008]		+		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.003 [-0.014; 0.008]			_	
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	-0.002 [-0.006; 0.003]	_	-		
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.005 [-0.016; 0.026]				
Summary				0.002 [-0.002; 0.005]		•		
							- 1	
					-0.01	0	0.01	0.02



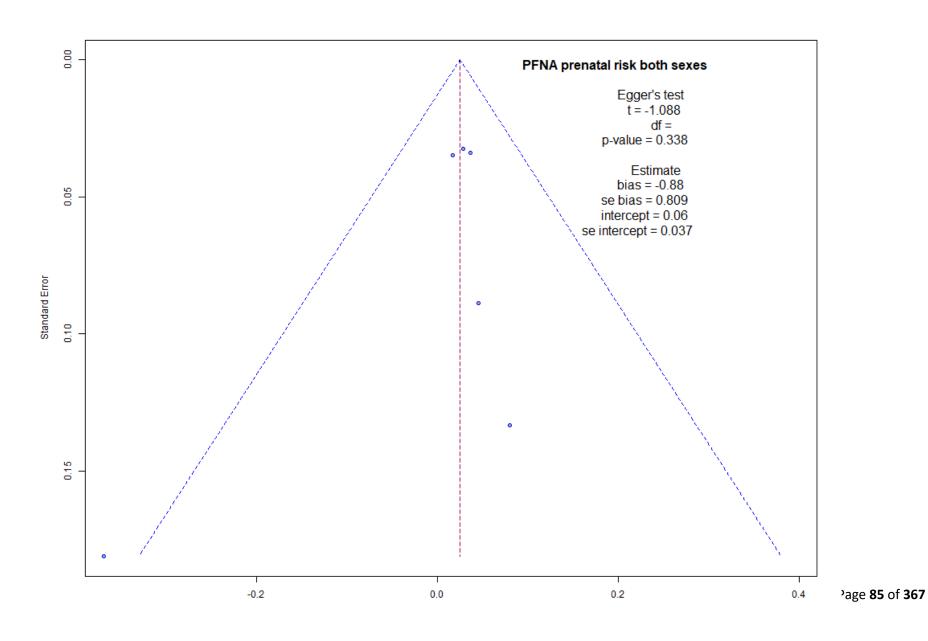
Study	Sampling	Outcome	Subj PF	HxS prena	atal risk	k both s	sexes	95%-CI	Weight (common)	_
Bloom et al., 2022	8-13 w gest	4-8 y	667		-		-0.02 [-0.0	7; 0.02]	13.0%	18.7%
Martinsson et al., 2020	14 w of gest	4 y	1048 -				-0.23 [-0.4	3; -0.02]	0.5%	0.9%
Mora et al., 2017	9.6 w gest	7.7 y	871				0.01 [-0.0	1; 0.02]	71.7%	56.7%
Braun et al., 2016	16 and 26 w gest and del	8 y	204			-	0.03 [-0.0	0.11]	4.1%	6.7%
Karlsen et al., 2017	2 w after del	5 y	371		-	-	0.02 [-0.0	6; 0.11]	3.1%	5.1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086				-0.03 [-0.0	9; 0.02]	7.6%	11.8%
Common effect model Random effects model			_		•		.0.00 [-0.0 .0.0] 00.0-			100.0%
Heterogeneity: $I^2 = 41\%$, $\tau^2 = 0.00$	01, p = 0.13		'	1	'	1	1			
			-0.	4 -0.2	0	0.2	0.4			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Bloom et al., 2022	8-13 w gest	4-8 y	667	-0.024 [-0.066; 0.018]				_	-	
Martinsson et al., 2020	14 w of gest	4 y	1048	-0.227 [-0.434; -0.019]					-	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.006 [-0.012; 0.024]						
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.033 [-0.041; 0.108]					-	
Karlsen et al., 2017	2 w after del	5 y	371	0.024 [-0.062; 0.111]				-	-	
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.031 [-0.086; 0.024]						
Summary				-0.063 [-0.120; -0.005]						
						-	-			
					-0.4	-0.3	-0.2	-0.1	0	0.1



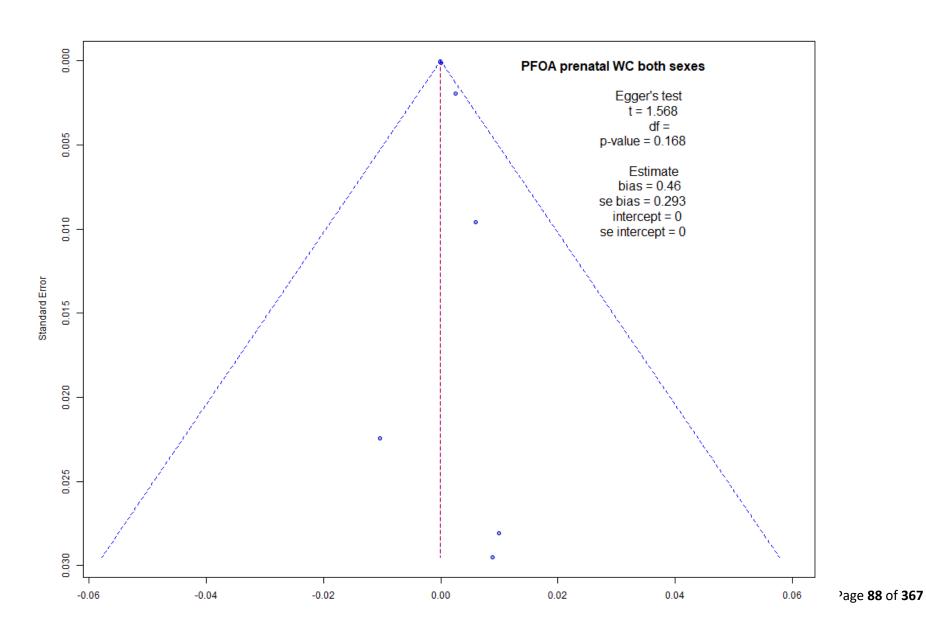
Study	Sampling	Outcome	Subj	PFNA prenatal risk both sexes	95%-CI	(common)	_
Bloom et al., 2022	8-13 w gest	4-8 y	667		0.04 [-0.03; 0.10]	30.2%	30.2%
Martinsson et al., 2020	14 w of gest	4 y	1048		-0.37 [-0.72; -0.01]	1.1%	1.1%
Mora et al., 2017	9.6 w gest	7.7 y	871	- -	0.05 [-0.13; 0.22]	4.4%	4.4%
Braun et al., 2016	16 and 26 w gest and del	8 y	204	- •	0.08 [-0.18; 0.34]	2.0%	2.0%
Karlsen et al., 2017	2 w after del	5 y	371	#	0.02 [-0.05; 0.08]	28.9%	28.9%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	#	0.03 [-0.03; 0.09]	33.4%	33.4%
Common effect model					0.03 [-0.01; 0.06]	100.0%	
Random effects model				<u> </u>	0.03 [-0.01; 0.06]		100.0%
Heterogeneity: $I^2 = 2\%$, $\tau^2 < 0.000$	1, p = 0.40						
	•			-0.6 -0.4 -0.2 0 0.2 0.4 0.6			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]		
Bloom et al., 2022	8-13 w gest	4-8 y	667	0.036 [-0.030; 0.103]		-
Martinsson et al., 2020	14 w of gest	4 y	1048	-0.368 [-0.724; -0.013]		
Mora et al., 2017	9.6 w gest	7.7 y	871	0.045 [-0.128; 0.219]		
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.080 [-0.181; 0.341]		
Karlsen et al., 2017	2 w after del	5 y	371	0.017 [-0.051; 0.085]		-
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.028 [-0.035; 0.092]		-
Summary				-0.063 [-0.161; 0.034]		•
						
					-06 -04	-02 0 02



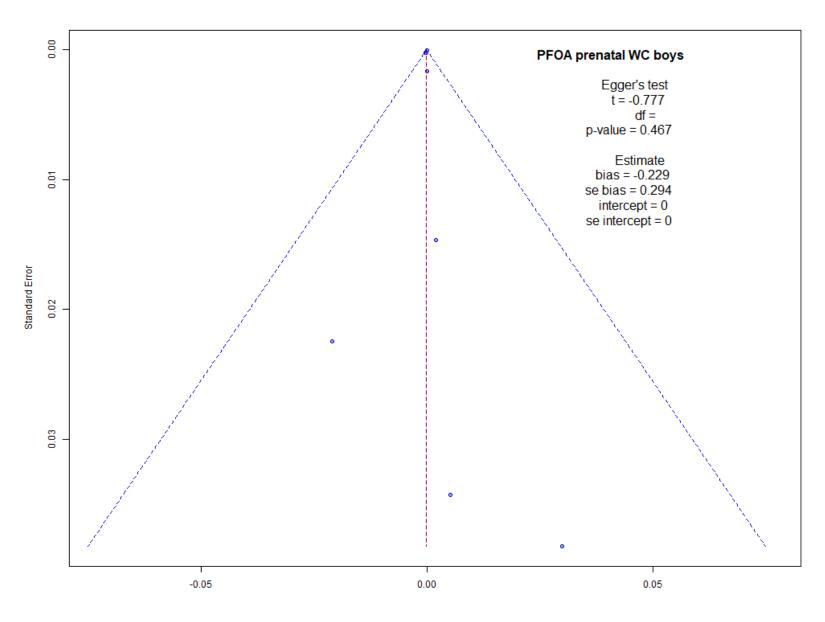
Study	Sampling	Outcome	Subj	PFOA prenatal WC both sexes	95%-CI	Weight (common)	Weight (random)
Papadopoulou et al., 2021 Zhang, Lei, et al., 2022 Bloom et al., 2022	14-39 w gest within 3 d before del 8-13 w gest	4-8 y	1101 206 659	•	0.01 [-0.05; 0.07] -0.00 [-0.00; 0.00] 0.01 [-0.01; 0.02]	22.9% 0.0%	0.0% 22.9% 0.0%
Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019	del 9.6 w gest before 16 w gest del	12 y 7.7 y 3 m, 18 m 5 y	404		0.00 [-0.00; 0.01] 0.00 [-0.00; 0.00] 0.01 [-0.04; 0.06] -0.00 [-0.00; 0.00]	7.3% 0.0% 69.8%	0.0% 7.3% 0.0% 69.8%
Manzano-Salgado et al., 2017 Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$,	7 y	1086	-0.06 -0.02 0 0.020.040.06	-0.01 [-0.05; 0.03] -0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0%	0.0% 100.0 %

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	0.009 [-0.049; 0.067]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.000 [0.000; 0.000]	•	ı		
Bloom et al., 2022	8-13 w gest	4-8 y	659	0.006 [-0.013; 0.025]				
Liu et al., 2020	del	12 y	212	0.003 [-0.001; 0.006]	-	-		
Mora et al., 2017	9.6 w gest	7.7 y	873	0.000 [0.000; 0.000]				
Jensen et al., 2020	before 16 w gest	3 m, 18 m	589	0.010 [-0.045; 0.065]		•		
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]	•			
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.010 [-0.054; 0.034]				
Summary				0.002 [-0.015; 0.019]				
						0.00	1	_
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest before 16 w gest del	7 y 4-8 y 12 y 7.7 y 3 m, 18 m	206 659 212 873 589 404	0.000 [0.000; 0.000] 0.006 [-0.013; 0.025] 0.003 [-0.001; 0.006] 0.000 [0.000; 0.000] 0.010 [-0.045; 0.065] 0.000 [0.000; 0.000] -0.010 [-0.054; 0.034]	40.04 ±0.02	0.02	0.04	0.0



Study	Sampling	Outcome	Subj	PFOA prenatal WC boys	95%-CI (Weight Weight (common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 12 y 7 y 7.7 y 3 m, 18 m 5 y 7 y	108 340 96 396 453 315 208 551		-0.00 [-0.00; 0.00] 0.00 [-0.03; 0.03] 0.00 [-0.00; 0.00] -0.02 [-0.06; 0.02] -0.00 [-0.00; 0.00] -0.03 [-0.04; 0.10] -0.00 [-0.00; 0.00] 0.01 [-0.06; 0.07]	1.6% 14.8% 0.0% 0.0% 0.3% 0.0% 12.5% 0.0% 0.0% 97.1% 72.4% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1, p = 0.81		-0.	1 -0.05 0 0.05	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00] 0.1	100.0% 100.0%

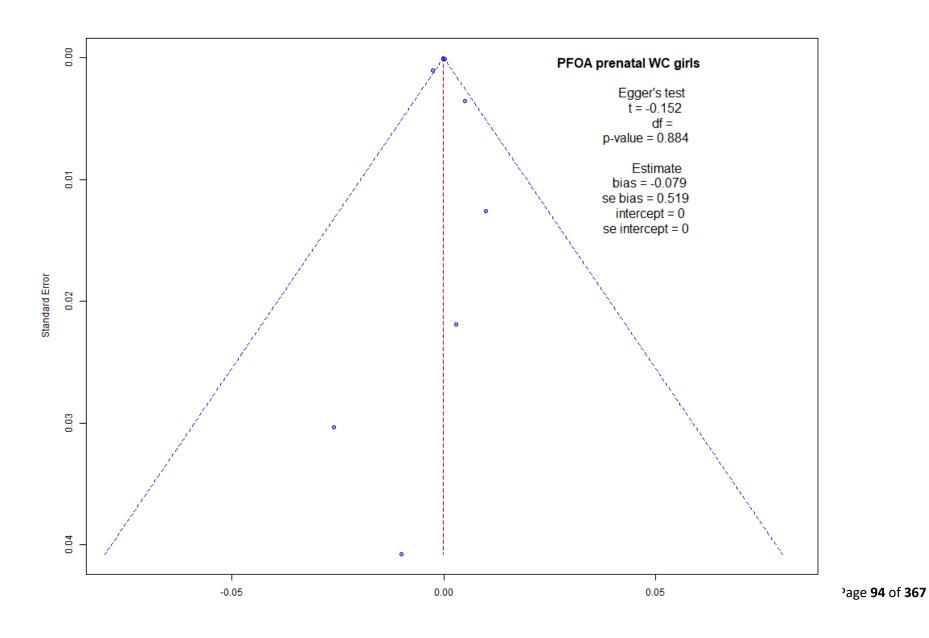
Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.000 [-0.001; 0.000]		•		
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.002 [-0.027; 0.031]		-	_	
Liu et al., 2020	del	12 y	96	0.000 [-0.003; 0.003]		+		
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	396	-0.021 [-0.065; 0.023]		-		
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [-0.001; 0.000]				
Jensen et al., 2020	before 16 w gest	3 m, 18 m	315	0.030 [-0.045; 0.105]			-	
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]		•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.005 [-0.062; 0.072]				
Summary				0.002 [-0.018; 0.021]		•		
					-0.05	0	0.05	0.1



age **91** of **367**

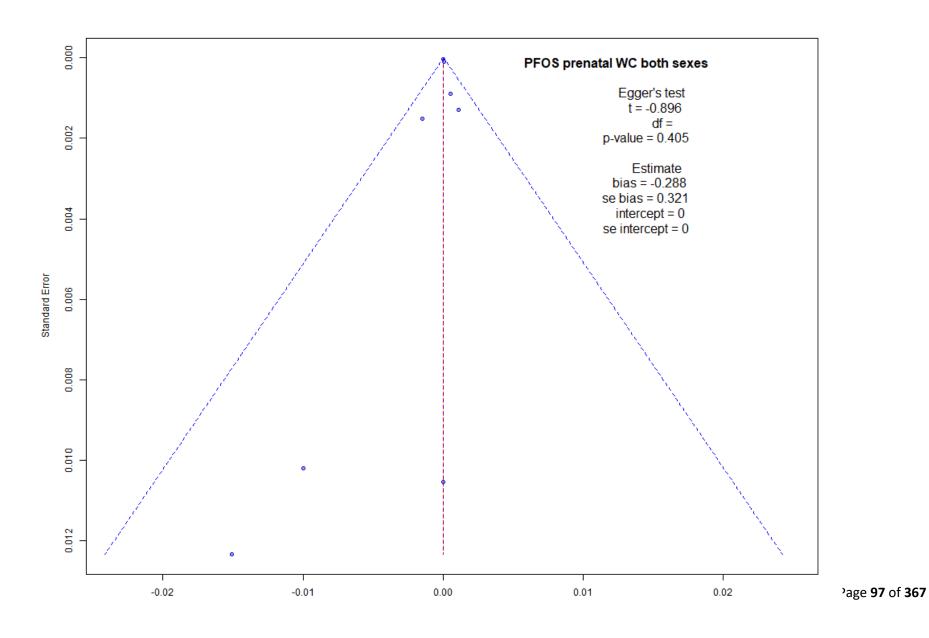
Study	Sampling	Outcome	Subj	PFOA prenatal WC girls	95%-CI	Weight Weight (common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 3 m, 18 m 5 y 7 y	98 319 319 116 393 420 274 196 535	+	-0.00 [-0.00; 0.00] 0.01 [-0.01; 0.03] -0.00 [-0.00; -0.00] 0.00 [-0.04; 0.05] 0.00 [-0.04; 0.05] 0.00 [-0.00; 0.00] -0.01 [-0.09; 0.07] -0.00 [-0.00; 0.00] -0.03 [-0.09; 0.03]	80.8% 80.8% 0.0% 0.0% 0.1% 0.1% 0.0% 0.0% 0.0% 7.7% 7.7% 0.0% 11.4% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 35%, τ^2 = 0, ρ	= 0.13			-0.05 0 0.05	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]			
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.000 [0.000; 0.000]		•	
Bloom et al., 2022	8-13 w gest	4-8 y	319	0.010 [-0.015; 0.035]		-	_
Hartman et al., 2017	15 w gest	9 y	319	-0.003 [-0.005; -0.001]		=	
Liu et al., 2020	del	12 y	116	0.005 [-0.002; 0.012]		-	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	393	0.003 [-0.040; 0.046]	_	-	
Mora et al., 2017	9.6 w gest	7.7 y	420	0.000 [0.000; 0.000]			
Jensen et al., 2020	before 16 w gest	3 m, 18 m	274	-0.010 [-0.090; 0.070]		-	
Chen et al., 2019	del	5 y	196	0.000 [0.000; 0.000]		•	
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	-0.026 [-0.085; 0.034]			_
Summary				-0.005 [-0.021; 0.011]		•	
					-0.05	0	0.05



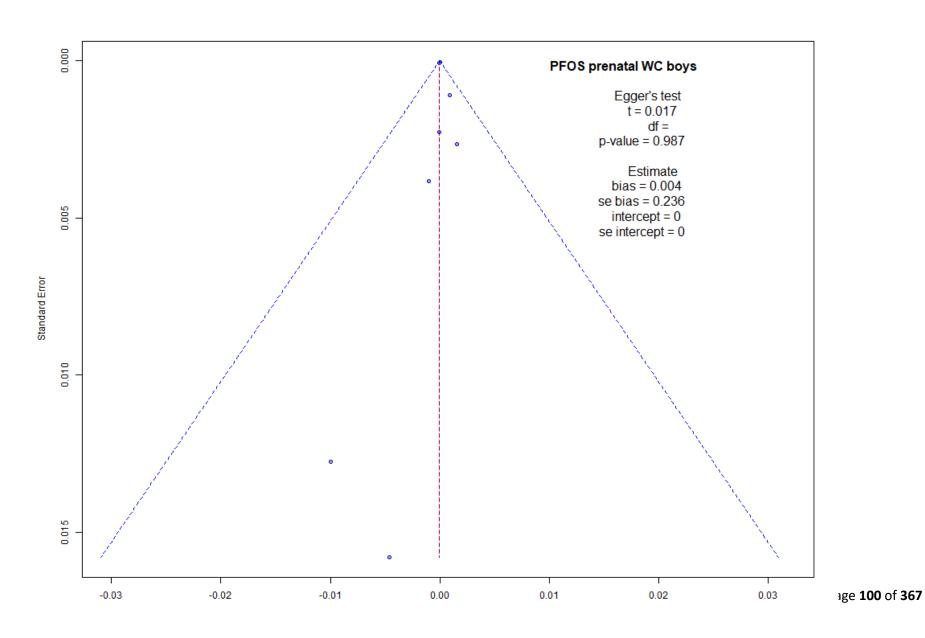
Study	Sampling	Outcome	Subj	PFOS prenatal WC both sexes	95%-CI	Weight (common)	Weight (random)
Papadopoulou et al., 2021 Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	14-39 w gest within 3 d before del 8-13 w gest del 9.6 w gest before 16 w gest del 1st tr gest	6-12 y 7 y 4-8 y 12 y 7.7 y 3 m, 18 m 5 y 7 y	1101 206 659 212 873 589 404 1086		-0.02 [-0.04; 0.01] 0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00] -0.01 [-0.03; 0.01] 0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	0.0% 0.1% 0.0% 0.0% 93.1% 0.0% 6.8% 0.0%	0.0% 0.1% 0.0% 0.0% 93.1% 0.0% 6.8% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $\rho = 0$,	.,		-0.02 0 0.02	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	-0.015 [-0.039; 0.009]				-		
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.001 [-0.001; 0.002]				+		
Bloom et al., 2022	8-13 w gest	4-8 y	659	-0.001 [-0.004; 0.001]				•		
Liu et al., 2020	del	12 y	212	0.001 [-0.001; 0.004]				+		
Mora et al., 2017	9.6 w gest	7.7 y	873	0.000 [0.000; 0.000]						
Jensen et al., 2020	before 16 w gest	3 m, 18 m	589	-0.010 [-0.030; 0.010]	_		-	_		
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]				•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.000 [-0.021; 0.021]						
Summary				-0.005 [-0.012; 0.003]	_		4			_
					-0.03	-0.02	-0.01	0	0.01	0.02

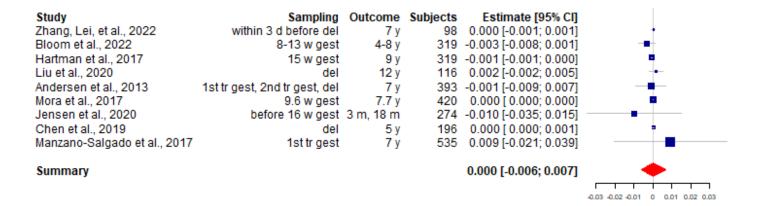


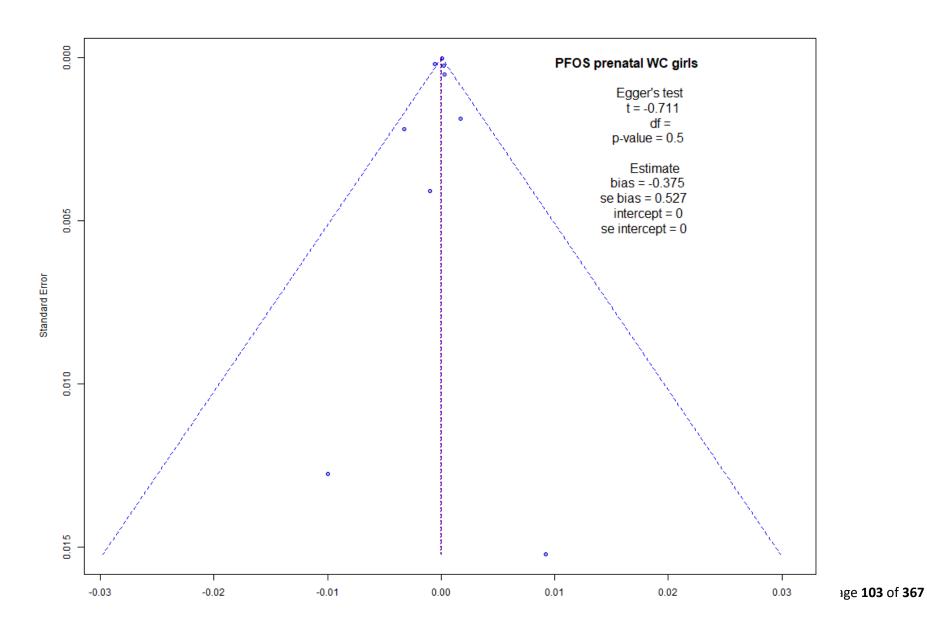
Study	Sampling	Outcome	Subj	PFOS prenatal WC boys		95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022	within 3 d before del 8-13 w gest	7 y 4-8 v	108 340	<u>+</u>		[-0.00; 0.01] [-0.00; 0.00]	0.0% 0.0%	0.0% 0.0%
Liu et al., 2020 Andersen et al., 2013	del 1st tr gest, 2nd tr gest, del	12 y	96 396		0.00	[-0.00; 0.00] [-0.01; 0.01]	0.1% 0.0%	0.1%
Mora et al., 2017	9.6 w gest	7.7 y	453		-0.00	[-0.00; 0.00]	68.2%	68.2%
Jensen et al., 2020 Chen et al., 2019	before 16 w gest del	3 m, 18 m 5 y	208	•	-0.00	[-0.04; 0.02] [-0.00; 0.00]	0.0% 31.6%	0.0% 31.6%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	1	-0.00 [[-0.04; 0.03]	0.0%	0.0%
Common effect model Random effects model Heterogeneity: $J^2 = 0\%$, $\tau^2 = 0$, p :	- 0 06					-0.00; 0.00] -0.00; 0.00]	100.0%	100.0%
neterogeneity. 1 = 076, t = 0, p	- 0.50		-	0.03 -0.01 0 0.01 0.03	3			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.002 [-0.004; 0.007]				
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.000 [-0.004; 0.004]			•	
Liu et al., 2020	del	12 y	96	0.001 [-0.001; 0.003]			•	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	396	-0.001 [-0.009; 0.006]			•	
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [0.000; 0.000]				
Jensen et al., 2020	before 16 w gest	3 m, 18 m	315	-0.010 [-0.035; 0.015]				_
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]			•	
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.005 [-0.036; 0.026]				
Summary				-0.002 [-0.010; 0.005]		4		
						1	1 1	
					-0.03 -0.02	-0.01	0 0.0	0.02

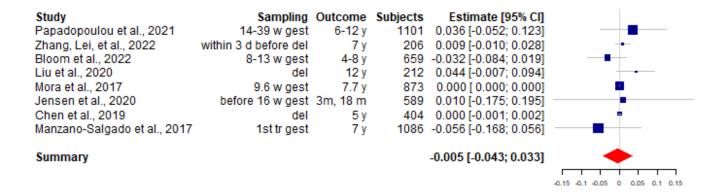


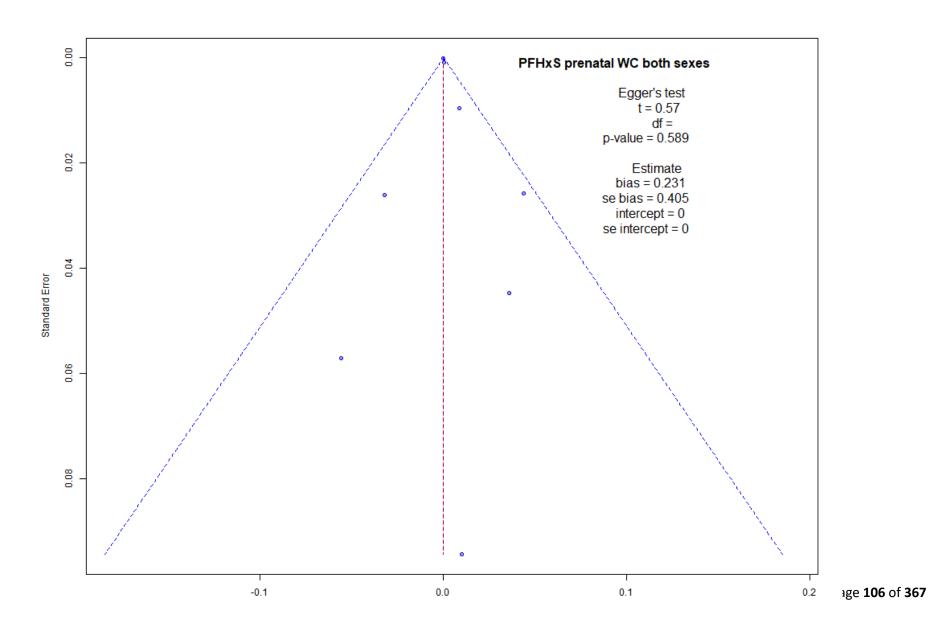
Study	Sampling	Outcome	Subj	PFOS prenatal WC girls	95%-CI (Weight Weight (common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 3 m, 18 m 5 y 7 y	98 319 319 116 393 420 274 196 535	- -	0.00 [-0.00; 0.00] -0.00 [-0.01; 0.00] -0.00 [-0.00; -0.00] 0.00 [-0.00; 0.01] -0.00 [-0.01; 0.01] 0.00 [-0.00; 0.00] -0.01 [-0.04; 0.02] 0.00 [-0.00; 0.00] -0.01 [-0.02; 0.04]	0.3% 8.9% 0.0% 0.6% 2.5% 27.3% 0.0% 0.8% 0.0% 0.2% 95.7% 40.1% 0.0% 0.0% 1.4% 22.0% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 46%, τ^2 < 0.00	01, p = 0.06			-0.02 0 0.02	0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0% 100.0%





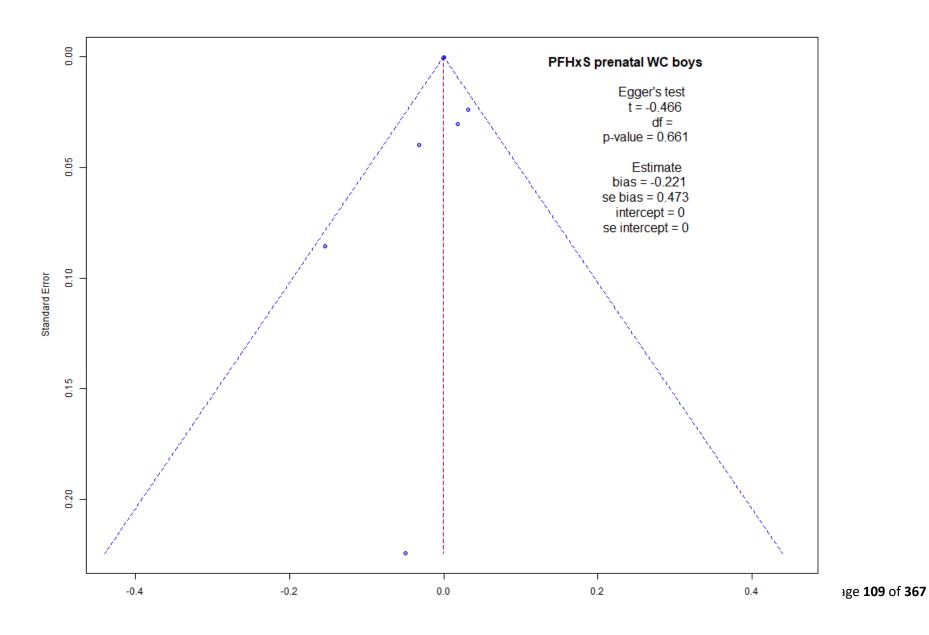
Study	Sampling	Outcome	Subj	PFHxS prenatal WC both sexes	;	95%-CI	Weight (common)	_
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101			[-0.05; 0.12]		0.0%
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	+-	0.01	[-0.01; 0.03]	0.0%	0.0%
Bloom et al., 2022	8-13 w gest	4-8 y	659		-0.03	[-0.08; 0.02]	0.0%	0.0%
Liu et al., 2020	del	12 y	212	+	0.04	[-0.01; 0.09]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	873		0.00	[-0.00; 0.00]	98.3%	98.3%
Jensen et al., 2020	before 16 w gest	3m, 18 m	589	+	0.01	[-0.17; 0.20]	0.0%	0.0%
Chen et al., 2019	del	5 y	404	•	0.00	[-0.00; 0.00]	1.7%	1.7%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086		-0.06	[-0.17; 0.06]	0.0%	0.0%
Common effect model					0.00	[-0.00; 0.00]	100.0%	
Random effects model					0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p =$	0.43			1 1 1				
				-0.1 0 0.1				





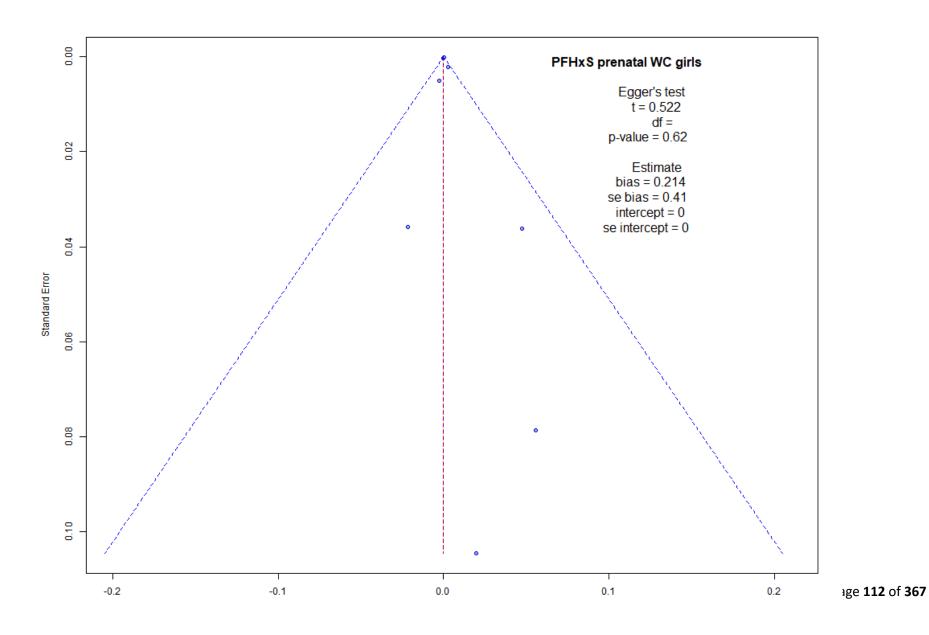
Study	Sampling	Outcome	Subj	PFHxS prenatal WC boys	95%-CI (Weight Weight common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 12 y 7.7 y 3m, 18 m 5 y 7 y	108 340 96 453 315 208 551		0.02 [-0.04; 0.08] -0.03 [-0.11; 0.05] 0.03 [-0.02; 0.08] -0.00 [-0.00; 0.00] -0.05 [-0.49; 0.39] -0.00 [-0.00; 0.00] -0.15 [-0.32; 0.01]	0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 89.6% 89.6% 0.0% 0.0% 10.4% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 4\%$, $\tau^2 = 0$, $p = 1$	= 0.40			-0.4 -0.2 0 0.2 0.4	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.018 [-0.041; 0.077]			-		
Bloom et al., 2022	8-13 w gest	4-8 y	340	-0.032 [-0.110; 0.046]		-	-		
Liu et al., 2020	del	12 y	96	0.031 [-0.015; 0.078]			-		
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [-0.001; 0.000]					
Jensen et al., 2020	before 16 w gest	3m, 18 m	315	-0.050 [-0.490; 0.390]			-		
Chen et al., 2019	del	5 y	208	0.000 [-0.002; 0.001]			•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.154 [-0.322; 0.014]	-				
Summan.				0.052.5.0.422.0.0201					
Summary				-0.052 [-0.133; 0.030]					
							1		
					-0.4	-0.2	0	0.2	

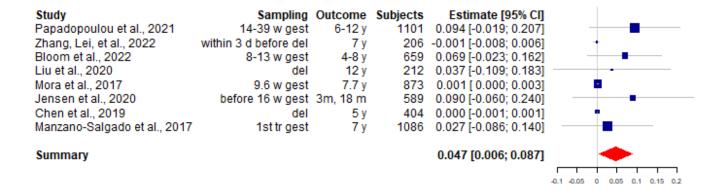


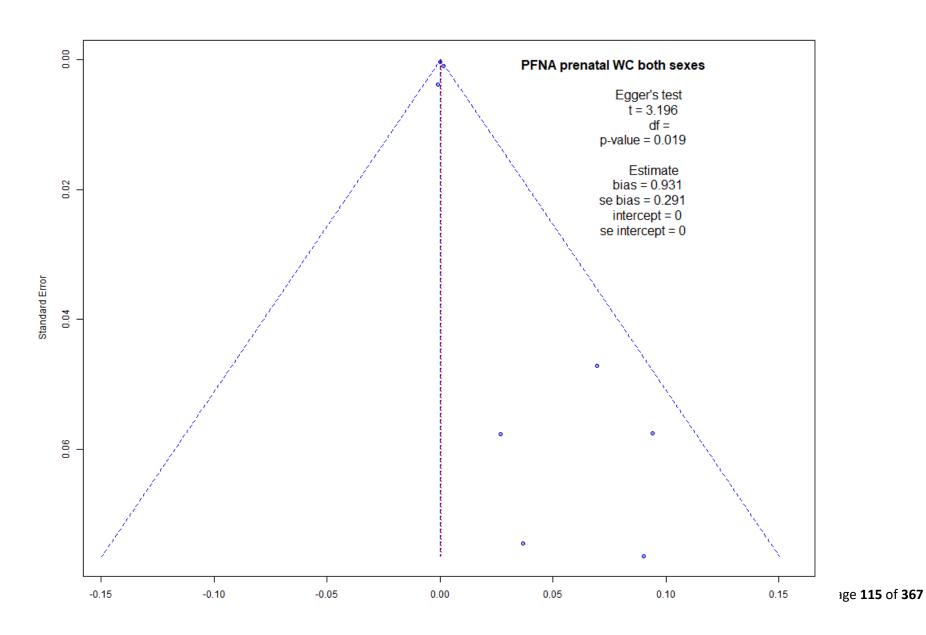
Study	Sampling	Outcome	Subj	PFHxS prenatal WC girls	95%-CI	Weight We (common) (rand	ight om)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Mora et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 9.6 w gest	7 y 4-8 y 9 y 12 y 7.7 y	98 319 318 116 420		-0.00 [-0.01; 0.01] -0.02 [-0.09; 0.05] -0.00 [-0.00; 0.00] 0.05 [-0.02; 0.12] 0.00 [-0.00; 0.00]	0.0% 0 12.8% 30 0.0% 0 86.9% 67	0.2% 0.0% 0.9% 0.0%
Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	before 16 w gest del 1st tr gest	3m, 18 m 5 y 7 y	196 535		- 0.02 [-0.18; 0.22] 0.00 [-0.00; 0.01] 0.06 [-0.10; 0.21]	0.3% 1	.0% .1% .0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$)1, p = 0.49		-1	0.2 -0.1 0 0.1 0.3	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0% 100	 0.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	-0.003 [-0.012; 0.007]		+		
Bloom et al., 2022	8-13 w gest	4-8 y	319	-0.022 [-0.092; 0.049]		-		
Hartman et al., 2017	15 w gest	9 y	318	0.000 [-0.001; 0.000]		•		
Liu et al., 2020	del	12 y	116	0.047 [-0.024; 0.118]		-		
Mora et al., 2017	9.6 w gest	7.7 y	420	0.000 [0.000; 0.000]				
Jensen et al., 2020	before 16 w gest	3m, 18 m	274	0.020 [-0.185; 0.225]		-		
Chen et al., 2019	del	5 y	196	0.003 [-0.002; 0.007]		÷		
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.056 [-0.098; 0.210]		_		
Summary				0.015 [-0.030; 0.060]		•	•	
					-0.1	0	0.1	0.2



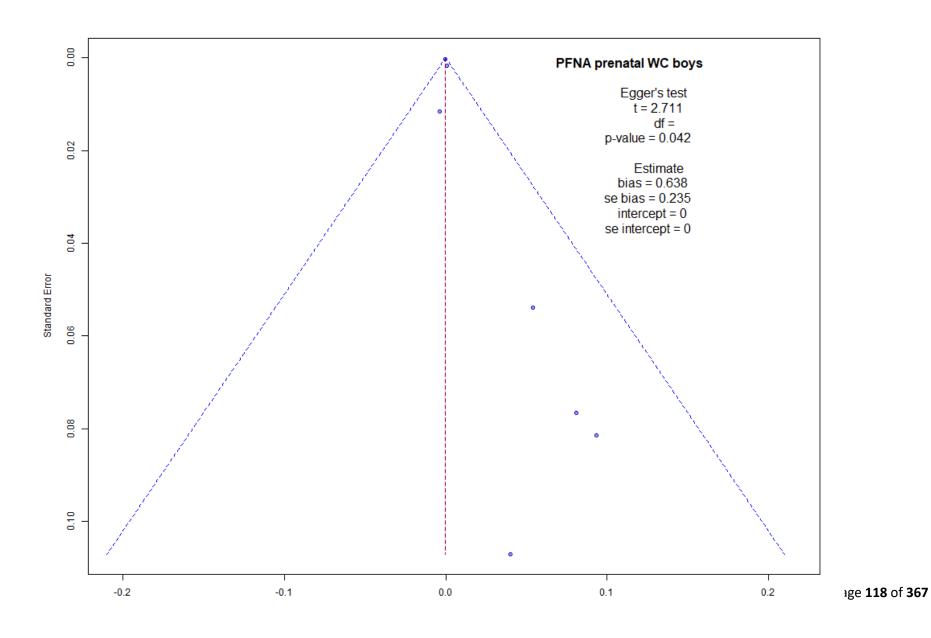
Study	Sampling	Outcome	Subj	PFNA	prenat	al WC	both s	exes		95%-CI	Weight (common)	_
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101			+				[-0.02; 0.21]	0.0%	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206			+			-0.00	[-0.01; 0.01]	0.8%	2.0%
Bloom et al., 2022	8-13 w gest	4-8 y	659				-	-	0.07	[-0.02; 0.16]	0.0%	0.0%
Liu et al., 2020	del	12 y	212					_	0.04	[-0.11; 0.18]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	873			•			0.00	[-0.00; 0.00]	12.1%	24.8%
Jensen et al., 2020	before 16 w gest	3m, 18 m	589		_				0.09	[-0.06; 0.24]	0.0%	0.0%
Chen et al., 2019	del	5 y	404						0.00	[-0.00; 0.00]	87.1%	73.1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086						0.03	[-0.09; 0.14]	0.0%	0.0%
Common effect model									0.00	[-0.00; 0.00]	100.0%	
Random effects model									0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 16\%$, $\tau^2 < 0.00$	01, p = 0.30				ı	1		1				
				-0.2	-0.1	0	0.1	0.2				



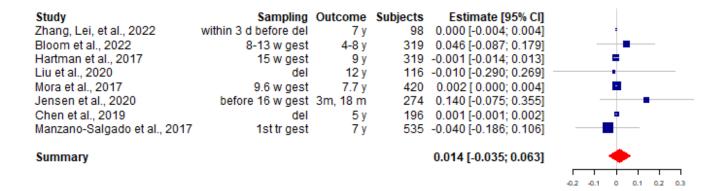


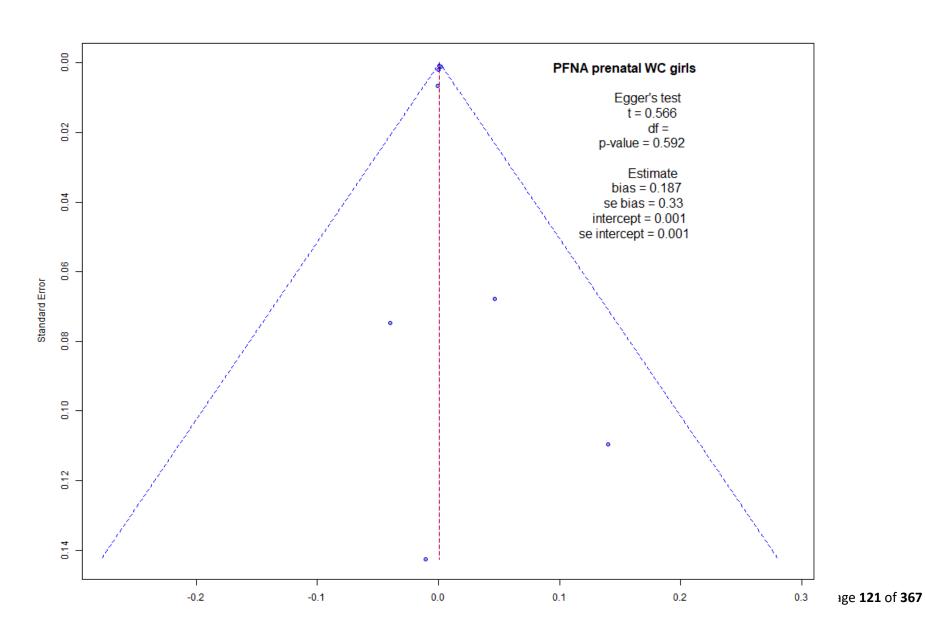
Study	Sampling	Outcome	Subj	PFNA prenatal WC boys	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 12 y 7.7 y 3m, 18 m 5 y 7 y	108 340 96 453 315 208 551		-0.00 [-0.03; 0.02] 0.08 [-0.07; 0.23] 0.05 [-0.05; 0.16] 0.00 [-0.00; 0.00] - 0.04 [-0.17; 0.25] -0.00 [-0.00; 0.00] - 0.09 [-0.07; 0.25]	0.0% 0.0% 2.2% 0.0% 97.7%	0.0% 0.0% 0.0% 2.2% 0.0% 97.7% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	0.70			-0.2 -0.1 0 0.1 0.2	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]		100.0%

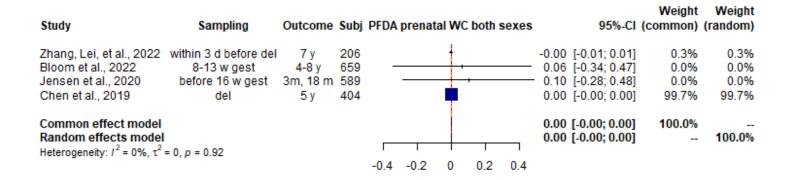
Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.004 [-0.027; 0.019]		-		
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.081 [-0.069; 0.231]	_			
Liu et al., 2020	del	12 y	96	0.054 [-0.052; 0.159]	-		•	-
Mora et al., 2017	9.6 w gest	7.7 y	453	0.001 [-0.003; 0.004]		-		
Jensen et al., 2020	before 16 w gest	3m, 18 m	315	0.040 [-0.170; 0.250]		_		
Chen et al., 2019	del	5 y	208	0.000 [-0.001; 0.000]				
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.093 [-0.067; 0.253]				
Summary				0.047 [-0.012; 0.105]	_	4		_
					-0.1	0	0.1	0.2



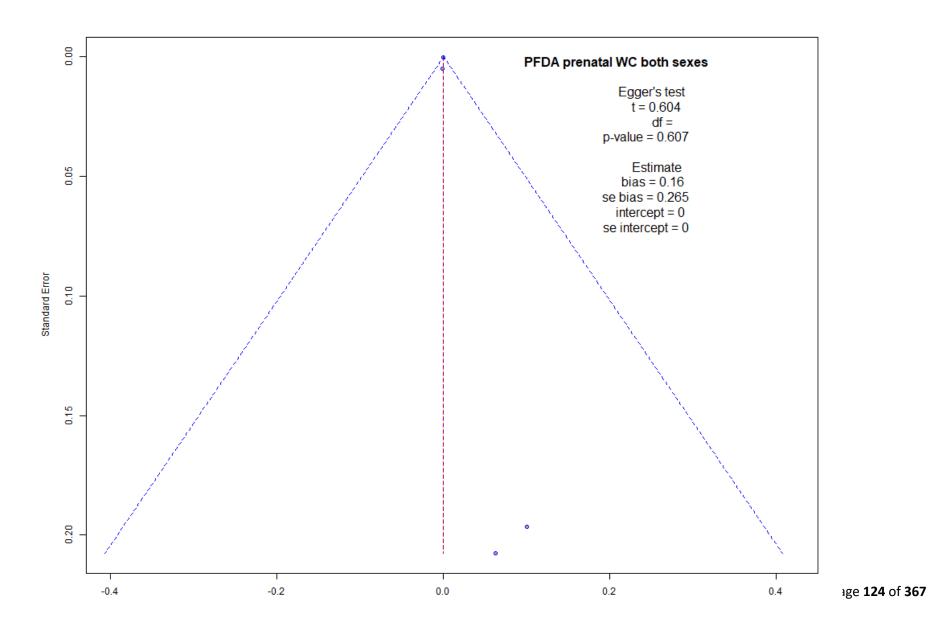
Study	Sampling	Outcome	Subj	PFNA prenatal WC girls	95%-CI	Weight (common)	_
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Mora et al., 2017 Jensen et al., 2020 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 9.6 w gest before 16 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7.7 y 3m, 18 m 5 y 7 y	98 319 319 116 420 274 196 535		-0.00 [-0.00; 0.00] 0.05 [-0.09; 0.18] -0.00 [-0.01; 0.01] -0.01 [-0.29; 0.27] 0.00 [-0.00; 0.00] - 0.14 [-0.07; 0.35] 0.00 [-0.00; 0.00] -0.04 [-0.19; 0.11]	0.0% 0.9% 0.0% 35.5% 0.0% 53.6%	10.0% 0.0% 0.9% 0.0% 35.5% 0.0% 53.6% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	= 0.85			-03-02-01 0 01 02 03	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]		100.0%





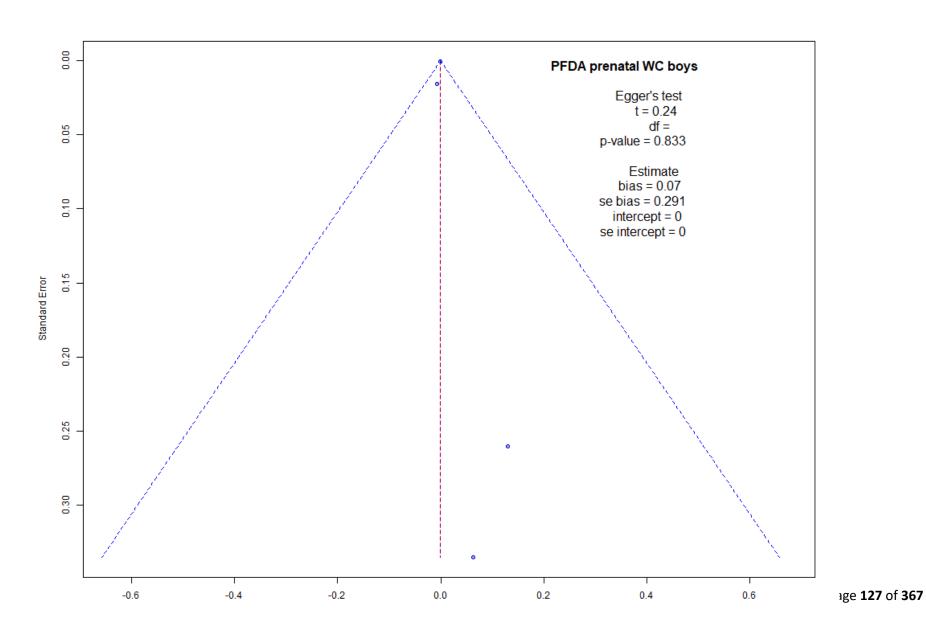


Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	-0.001 [-0.011; 0.008]		•	_	
Bloom et al., 2022	8-13 w gest	4-8 y	659	0.063 [-0.345; 0.470]				
Jensen et al., 2020	before 16 w gest	3m, 18 m	589	0.100 [-0.285; 0.485]		\dashv	_	
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.001]				
Summary				0.054 [-0.135; 0.243]	-	40	-	
						$\overline{}$		
					-0.2	0	0.2	0.4



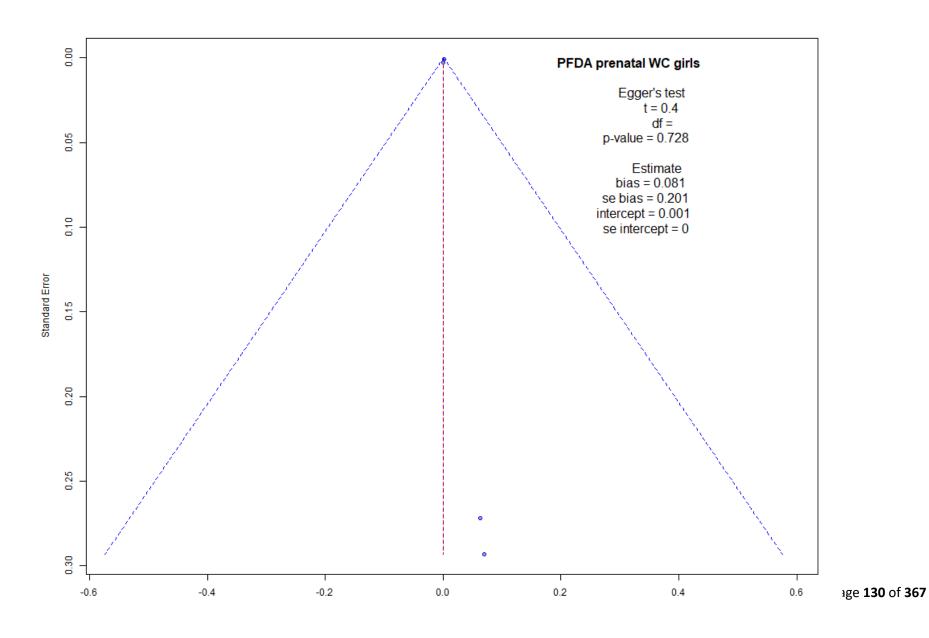
Study	Sampling	Outcome	Subj	PFDA prenatal WC boys	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Jensen et al., 2020 Chen et al., 2019	within 3 d before del 8-13 w gest before 16 w gest del	7 y 4-8 y 3m, 18 m 5 y	108 340 315 208		-0.01 [-0.04; 0.02] - 0.06 [-0.60; 0.72] 0.13 [-0.38; 0.64] -0.00 [-0.00; 0.00]	0.0% 0.0% 0.0% 100.0%	0.0% 0.0% 0.0% 100.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2				-0.6 -0.4 -0.2 0 0.2 0.4 0.6	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.008 [-0.038; 0.023]			•	_	
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.063 [-0.595; 0.720]			-		
Jensen et al., 2020	before 16 w gest	3m, 18 m	315	0.130 [-0.380; 0.640]	_		$-\Box$		
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]					
Summary				0.063 [-0.220; 0.347]		-			
					-0.4				

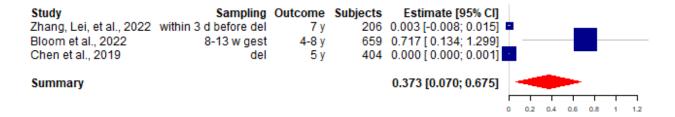


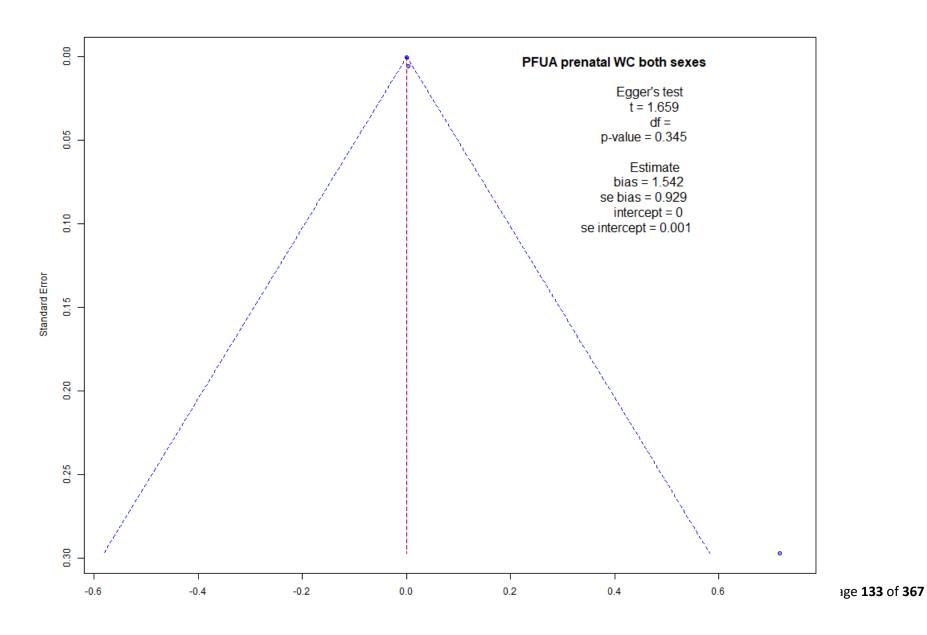
Study	Sampling	Outcome	Subj	PFDA prenatal WC girls	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Jensen et al., 2020 Chen et al., 2019	within 3 d before del 8-13 w gest before 16 w gest del	7 y 4-8 y 3m, 18 m 5 y	98 319 274 196		0.00 [-0.00; 0.01] 0.06 [-0.47; 0.60] - 0.07 [-0.50; 0.64] 0.00 [-0.00; 0.00]	5.1% 0.0% 0.0% 94.9%	5.1% 0.0% 0.0% 94.9%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2			_	0.6 -0.4 -0.2 0 0.2 0.4 0.	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.000 [-0.005; 0.005]			•	_		
Bloom et al., 2022	8-13 w gest	4-8 y	319	0.063 [-0.470; 0.595]				-		
Jensen et al., 2020	before 16 w gest	3m, 18 m	274	0.070 [-0.505; 0.645]						
Chen et al., 2019	del	5 y	196	0.001 [0.000; 0.002]						
Summary				0.044 [-0.217; 0.306]		-	4	-		
					-0.4	-0.2	0	0.2	0.4	0.6



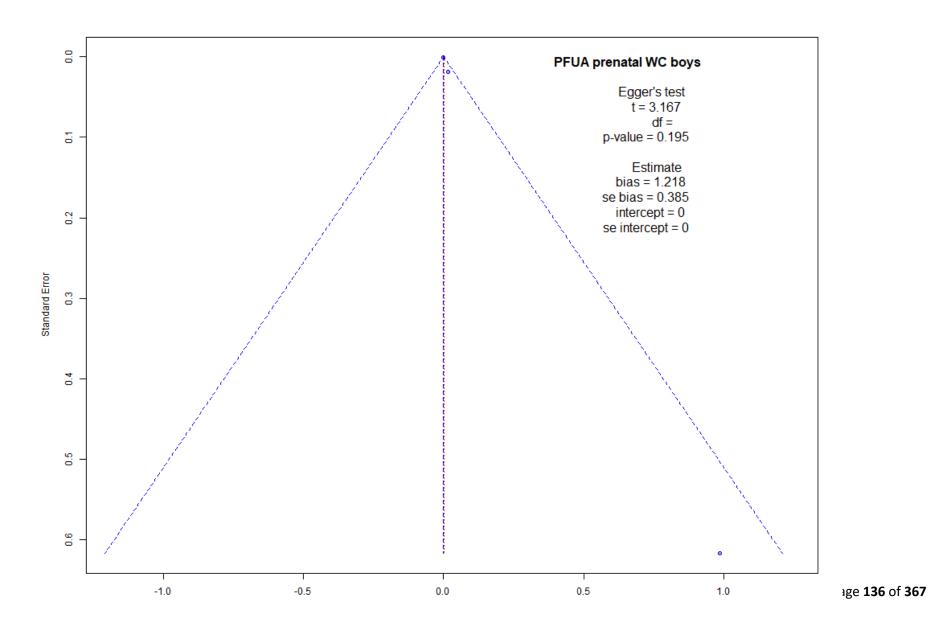
Study	Sampling	Outcome	Subj	PFUA	prenat	al W	C both	sexes		95%-CI	(common)	
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	206 659 404			_			0.72	[-0.01; 0.01] [0.13; 1.30] [-0.00; 0.00]	0.0%	1.7% 0.0% 98.3%
Common effect model Random effects model Heterogeneity: I^2 = 67%, τ'				 -1	-0.5	0	0.5	¬ 1		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%





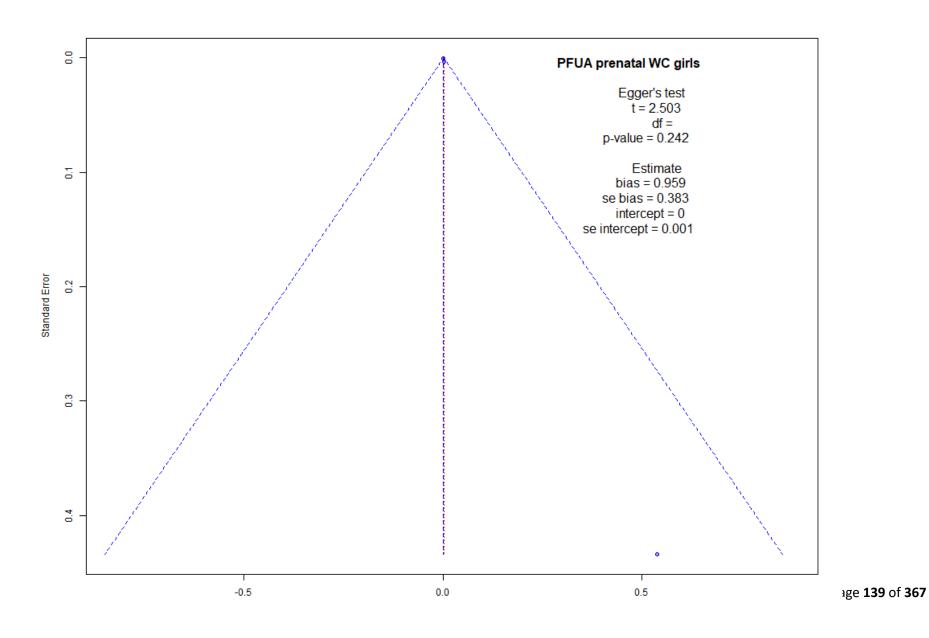
Study	Sampling	Outcome	Subj	PF	UA pre	enatal V	VC boys			95%-CI	Weight (common)	
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	108 340 208			<u>+</u>			0.99	[-0.02; 0.05] [-0.22; 2.19] [-0.00; 0.00]	0.0%	1.6% 0.0% 98.4%
Common effect model Random effects model Heterogeneity: $I^2 = 38\%$, τ^2				-2	-1	0	1	7 2		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.015 [-0.021; 0.051]					
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.985 [-0.224; 2.195]	\pm				
Chen et al., 2019	del	5 y	208	0.000 [-0.001; 0.000]	1				
Summary				0.513 [-0.114; 1.140]		•	-		
						- 1			\neg
					0	0.5	1	1.5	2



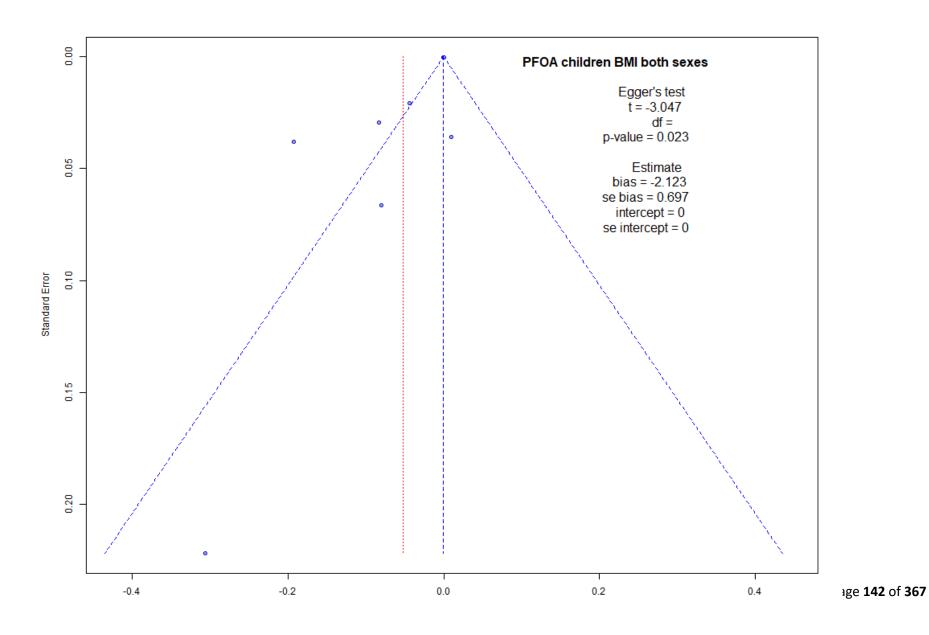
Study	Sampling	Outcome	Subj	PFUA prenatal WC girls	95%-CI (Weight Weight common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	98 319 196	,	0.00 [-0.00; 0.01] - 0.54 [-0.31; 1.39] 0.00 [-0.00; 0.00]	6.0% 18.9% 0.0% 0.0% 94.0% 81.1%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2				-1 -05 0 05 1	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.002 [-0.004; 0.009]	•
Bloom et al., 2022	8-13 w gest	4-8 y	319	0.538 [-0.314; 1.389]	
Chen et al., 2019	del	5 y	196	0.001 [0.000; 0.003]	
Summary				0.281 [-0.162; 0.723]	
					0 0.5 1



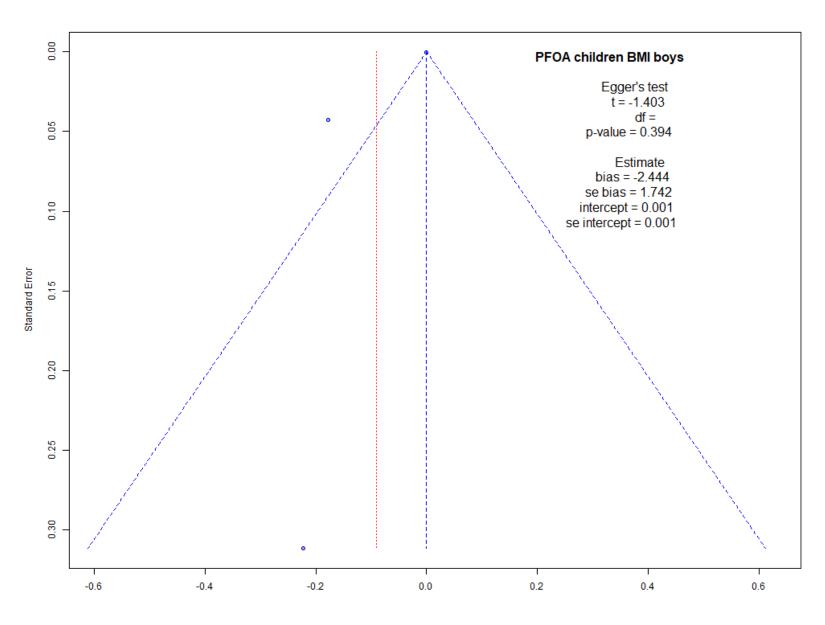
Study	Sampling	Outcome	Subj	PFOA children BMI both sexes	8	95%-CI	Weight (common)	Weight (random)
Canova et al., 2021	14-19 y	14-19 y	6669	:•	-0.00	[-0.00; 0.00]	28.2%	17.4%
Scinicariello et al., 2020	3-11 y	3-11 y	600		-0.08	[-0.21; 0.05]	0.0%	8.2%
Sevelsted et al., 2022	6 - 18 m	10 y	440	 	0.01	[-0.06; 0.08]	0.0%	13.1%
Liu et al., 2020	12 y	12 y	182		-0.31	[-0.74; 0.13]	0.0%	1.3%
Timmermann et al., 2014	8-10 y	8-10 y	414	#	0.00	[-0.00; 0.00]	71.7%	17.4%
Karlsen et al., 2017	5 y	5 y	349	†	-0.04	[-0.08; -0.00]	0.0%	15.7%
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	- 	-0.08	[-0.14; -0.03]	0.0%	14.3%
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-	-0.19	[-0.27; -0.12]	0.0%	12.7%
Common effect model					-0.00	[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 84\%$, $\tau^2 =$	0 0040 ρ < 0 01			· · · · · · · · · · · · · · · · · · ·	-0.05	[-0.10; -0.00]		100.0%
	2.22.21,p			-0.6-0.4-0.2 0 0.2 0.4 0.6				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	6669	-0.001 [-0.001; 0.000]	
Scinicariello et al., 2020	3-11 y	3-11 y	600	-0.080 [-0.210; 0.050]	
Sevelsted et al., 2022	6 - 18 m	10 y	440	0.010 [-0.060; 0.080]	-
Liu et al., 2020	12 y	12 y	182	-0.306 [-0.741; 0.129]	<u> </u>
Timmermann et al., 2014	8-10 y	8-10 y	414	0.000 [0.000; 0.001]	•
Karlsen et al., 2017	5 y	5 y	349	-0.044 [-0.085; -0.003]	-
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	-0.083 [-0.141; -0.026]	-
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.193 [-0.267; -0.118]	
Summary				-0.045 [-0.060; -0.029]	•
					-0.6 -0.4 -0.2 0



Study	Sampling	Outcome	Subj	PFOA children BMI boys	95%-CI	Weight (common)	Weight (random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3411 85 - 915		0.00 [-0.00; 0.00] -0.22 [-0.83; 0.39] -0.18 [-0.26; -0.09]	100.0% 0.0% 0.0%	50.1% 5.9% 44.0%
Common effect model Random effects model Heterogeneity: I^2 = 89%, τ^2	= 0.0129, p < 0.01			-0.5 0 0.5	-0.00 [-0.00; 0.00] -0.09 [-0.25; 0.07]	100.0%	 100.0%

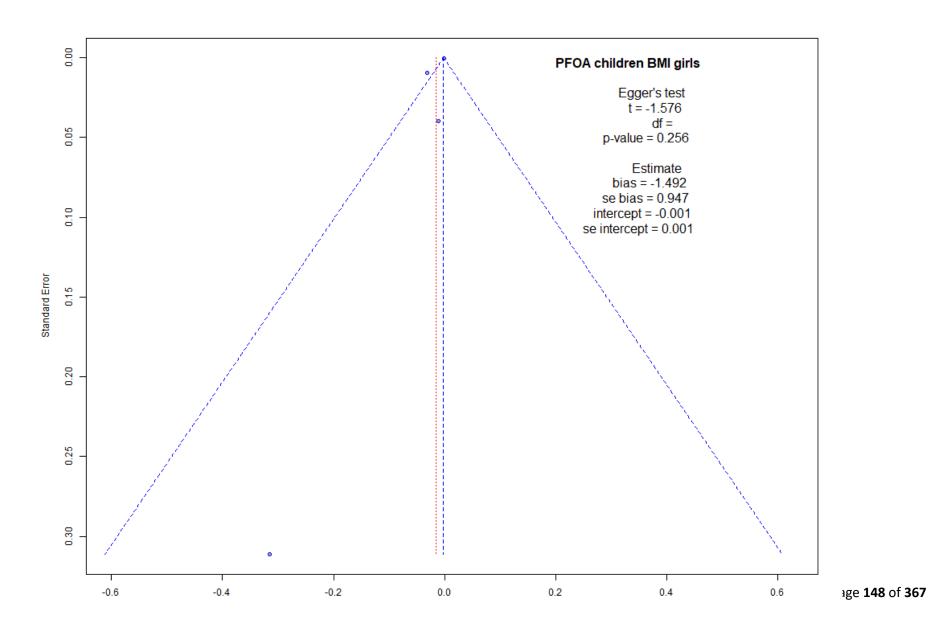
Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3411 85	Estimate [95% CI] 0.000 [-0.001; 0.001] -0.222 [-0.833; 0.389] -0.177 [-0.261; -0.094]					
Summary Summary	12 To yours ord	12 To years ord	313	-0.041 [-0.228; 0.146]	_	-0.6	-0.4	-0.2	0.2



age 145 of 367

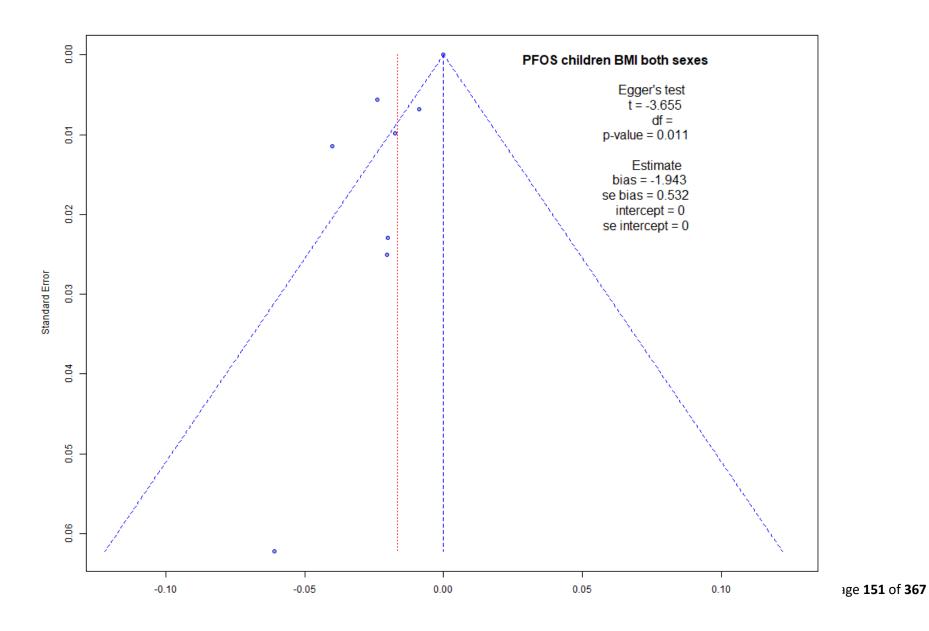
Study	Sampling	Outcome	Subj	PFOA children BMI girls	95%-CI (Weight Weight common) (random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023 Pinney et al., 2019	14-19 y 12 y 12-18 years old 6-8 y	14-19 y 12 y 12-18 years old 6-8 y	3258 97 - 997 667	-	-0.00 [-0.00; -0.00] -0.32 [-0.93; 0.29] -0.01 [-0.09; 0.07] -0.03 [-0.05; -0.01]	99.7% 51.1% 0.0% 0.2% 0.0% 8.6% 0.3% 40.2%
Common effect model Random effects model Heterogeneity: $I^2 = 74\%$, $\tau^2 = 100$	= 0.0003, p < 0.01			-0.5 0 0.5	-0.00 [-0.00; -0.00] -0.02 [-0.04; 0.01]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Canova et al., 2021	14-19 y	14-19 y	3258	-0.002 [-0.003; -0.001]						
Liu et al., 2020	12 y	12 y	97	-0.316 [-0.926; 0.295]						
Schillemans et al., 2023	12-18 years old	12-18 years old	997	-0.010 [-0.089; 0.068]					•	
Pinney et al., 2019	6-8 y	6-8 y	667	-0.032 [-0.050; -0.013]					=	
Summary				-0.013 [-0.046; 0.019]					•	
									\neg	\neg
					-0.8	40.6	40.4	-0.2	0	0.2



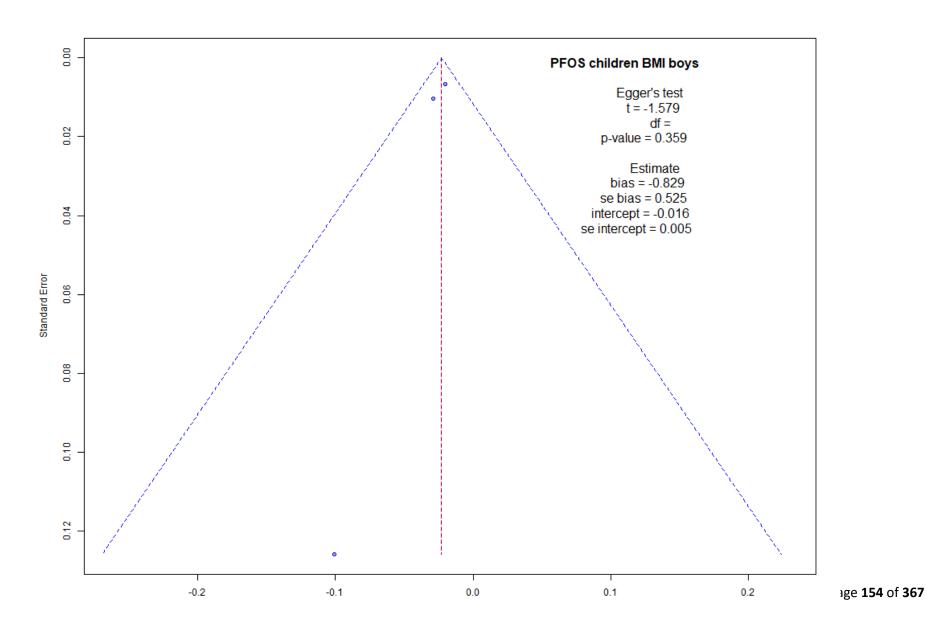
Study	Sampling	Outcome	Subj	PFOS children BMI both sexes		95%-CI	Weight (common)	Weight (random)
Canova et al., 2021	14-19 y	14-19 y	6669	+	-0.02	[-0.03; -0.01]	0.0%	19.8%
Scinicariello et al., 2020	3-11 y	3-11 y	600	- -	-0.02	[-0.07; 0.03]	0.0%	4.6%
Sevelsted et al., 2022	6 - 18 m	10 y	440		-0.02	[-0.06; 0.02]	0.0%	5.3%
Liu et al., 2020	12 y	12 y	182		-0.06	[-0.18; 0.06]	0.0%	0.9%
Timmermann et al., 2014	8-10 y	8-10 y	414		0.00	[-0.00; 0.00]	100.0%	24.0%
Karlsen et al., 2017	5 y	5 y	349	- (-0.02	[-0.04; 0.00]	0.0%	14.5%
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	!+ 	-0.01	[-0.02; 0.00]	0.0%	18.2%
Vrijheid et al., 2020	6-11 years	6-11 years	1301		-0.04	[-0.06; -0.02]	0.0%	12.7%
Common effect model				•		[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 82\%$, $\tau^2 =$	0 0001 ρ < 0 01			- 	-0.02	[-0.03; -0.00]		100.0%
	, p			-0.15 -0.05 0 0.05 0.1 0.15				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	6669	-0.024 [-0.035; -0.013]	_
Scinicariello et al., 2020	3-11 y	3-11 y	600	-0.021 [-0.070; 0.029]	
Sevelsted et al., 2022	6 - 18 m	10 y	440	-0.020 [-0.065; 0.025]	-
Liu et al., 2020	12 y	12 y	182	-0.061 [-0.183; 0.061]	•
Timmermann et al., 2014	8-10 y	8-10 y	414	0.000 [0.000; 0.000]	•
Karlsen et al., 2017	5 y	5 y	349	-0.018 [-0.037; 0.002]	-
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	-0.009 [-0.022; 0.004]	-
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.040 [-0.063; -0.018]	-
Summary				-0.023 [-0.041; -0.004]	•
					0.15 0.1 0.05 0 0.05



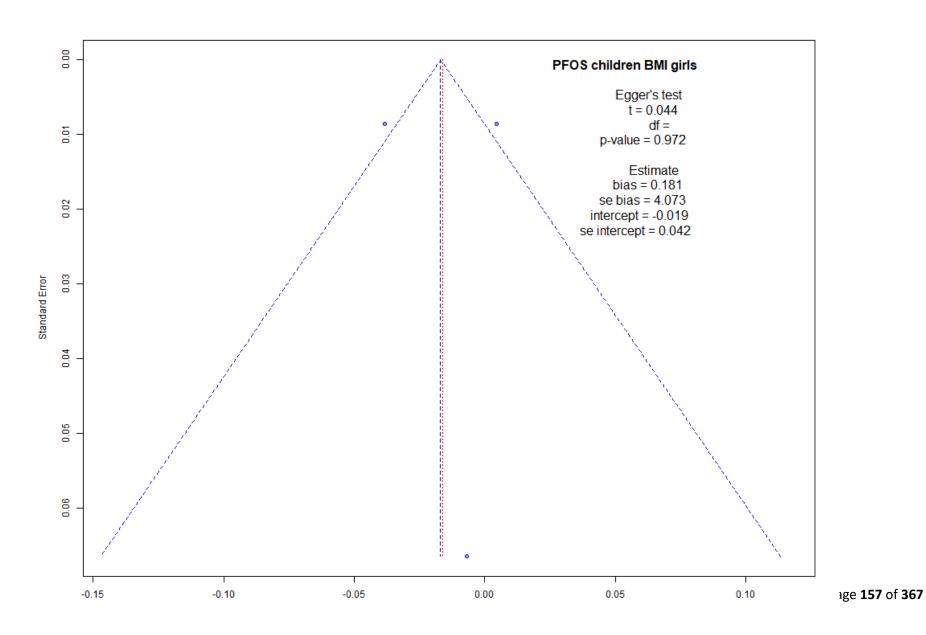
Study	Sampling	Outcome	Subj	PFOS children BMI boys	95%-CI (Weight common) (I	Weight andom)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3411 85 915		-0.02 [-0.03; -0.01] -0.10 [-0.35; 0.15] -0.03 [-0.05; -0.01]	70.3% 0.2% 29.5%	70.3% 0.2% 29.5%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =	0, p = 0.63			-0.3 -0.2 -0.1 0 0.1 0.2 0.3	-0.02 [-0.03; -0.01] -0.02 [-0.03; -0.01]	100.0%	100.0%

Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3411 85	Estimate [95% CI] -0.020 [-0.033; -0.007] -0.101 [-0.348; 0.146] -0.029 [-0.049; -0.009]				<u> </u>	
Summary				-0.024 [-0.035; -0.012]	-0.3	-0.2	-0.1	•	0.1



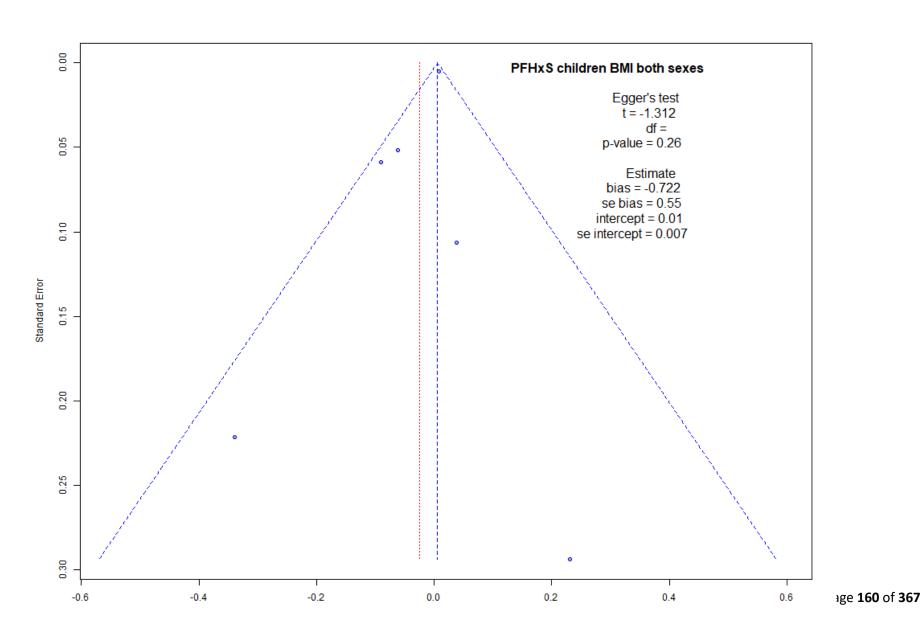
Study	Sampling	Outcome	Subj	PFOS children BMI girls	95%-CI (Weight Weight common) (random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3258 97 - 997		-0.04 [-0.06; -0.02] -0.01 [-0.14; 0.12] 0.00 [-0.01; 0.02]	49.7% 46.5% 0.8% 6.9% 49.5% 46.5%
Common effect model Random effects model Heterogeneity: I^2 = 84%, τ^2 =	: 0.0007, p < 0.01			-0.1 -0.05 0 0.05 0.1	-0.02 [-0.03; -0.01] -0.02 [-0.05; 0.02]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Canova et al., 2021	14-19 y	14-19 y	3258	-0.038 [-0.055; -0.022]					
Liu et al., 2020	12 y	12 y	97	-0.007 [-0.137; 0.123]			-		
Schillemans et al., 2023	12-18 years old	12-18 years old	997	0.004 [-0.012; 0.021]			-	-	
Summary				-0.028 [-0.072; 0.016]		4			
									\neg
					-0.1	-0.05	0	0.05	0.1



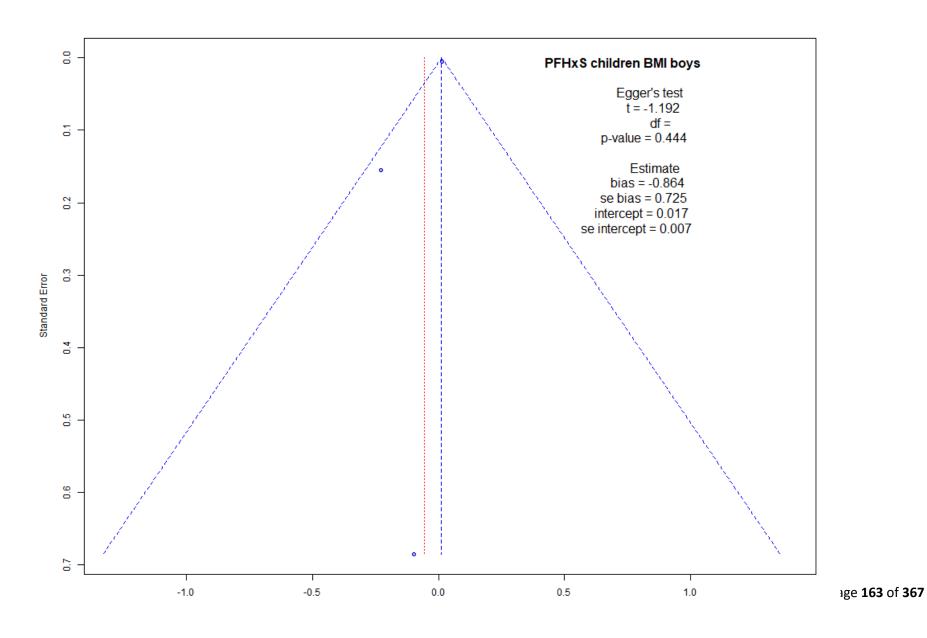
Study	Sampling	Outcome	Subj P	FHxS child	iren BMI	both sex	es	95%-CI (Weight common) (Weight random)
Canova et al., 2021 Scinicariello et al., 2020 Liu et al., 2020 Karlsen et al., 2017 Schillemans et al., 2023 Vrijheid et al., 2020	14-19 y 3-11 y 12 y 5 y 12-18 years old 6-11 years	14-19 y 3-11 y 12 y 5 y 12-18 years old 6-11 years	6669 600 182 349 1626 1301	_	- -		-0.06 - 0.23 -0.09 0.04	[-0.00; 0.02] [-0.16; 0.04] [-0.35; 0.81] [-0.21; 0.02] [-0.17; 0.25] [-0.77; 0.09]	98.1% 0.9% 0.0% 0.7% 0.2% 0.1%	54.1% 20.0% 1.0% 16.8% 6.5% 1.7%
Common effect model Random effects model Heterogeneity: I^2 = 35%, τ^2 =	0.0015, p = 0.18			-0.5	0	0.5		[-0.00; 0.02] [-0.08; 0.03]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Canova et al., 2021	14-19 y	14-19 y	6669	0.007 [-0.002; 0.017]		-		
Scinicariello et al., 2020	3-11 y	3-11 y	600	-0.062 [-0.163; 0.039]				
Liu et al., 2020	12 y	12 y	182	0.230 [-0.346; 0.806]		-		_
Karlsen et al., 2017	5 y	5 y	349	-0.091 [-0.206; 0.024]				
Schillemans et al., 2023	12-18 years old	12-18 years old	1626	0.038 [-0.171; 0.247]		_		
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.340 [-0.774; 0.094]				
Summary				-0.033 [-0.116; 0.049]		•		
							\neg	
					-0.5	0	0.5	



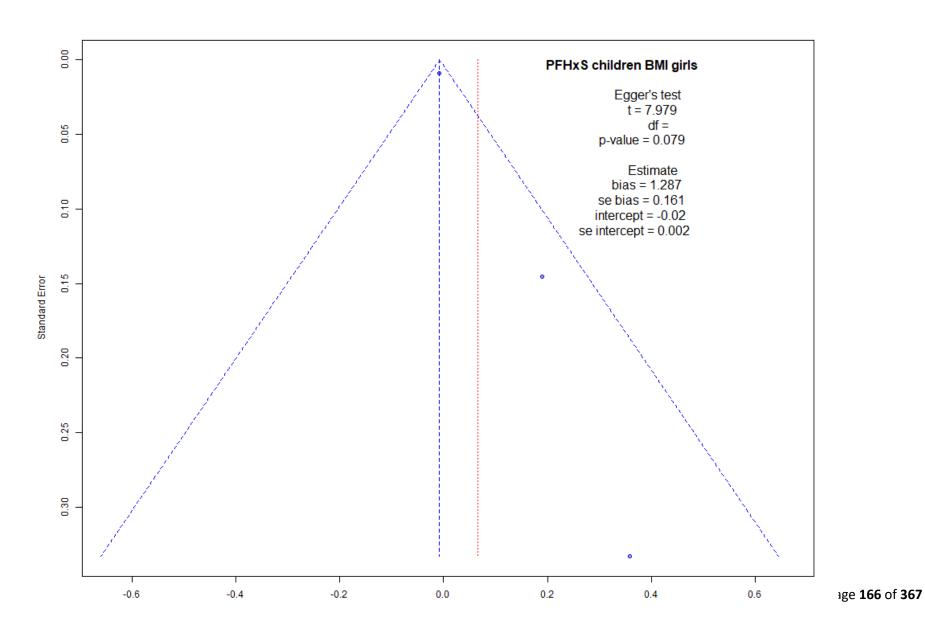
Study	Sampling	Outcome	Subj	PFHxS children BMI boys	Weight Wei 95%-Cl (common) (rando	•
Canova et al., 2021 Liu et al., 2020	14-19 y 12 v	14-19 y 12 v	3411 85 -			.7% .2%
Schillemans et al., 2023						.1%
Common effect model Random effects model	0.0440 - 0.00				0.01 [0.00; 0.02] 100.0% -0.05 [-0.26; 0.15] 100	.0%
Heterogeneity: $I^2 = 18\%$, $\tau^2 =$	= 0.0148, p = 0.30			-1 -0.5 0 0.5 1		

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	3411	0.013 [0.002; 0.023]	
Liu et al., 2020	12 y	12 y	85	-0.096 [-1.440; 1.248]	
Schillemans et al., 2023	12-18 years old	12-18 years old	778	-0.228 [-0.531; 0.076]	_
Summary				-0.033 [-0.162; 0.096]	•
					4 05 0 05 1



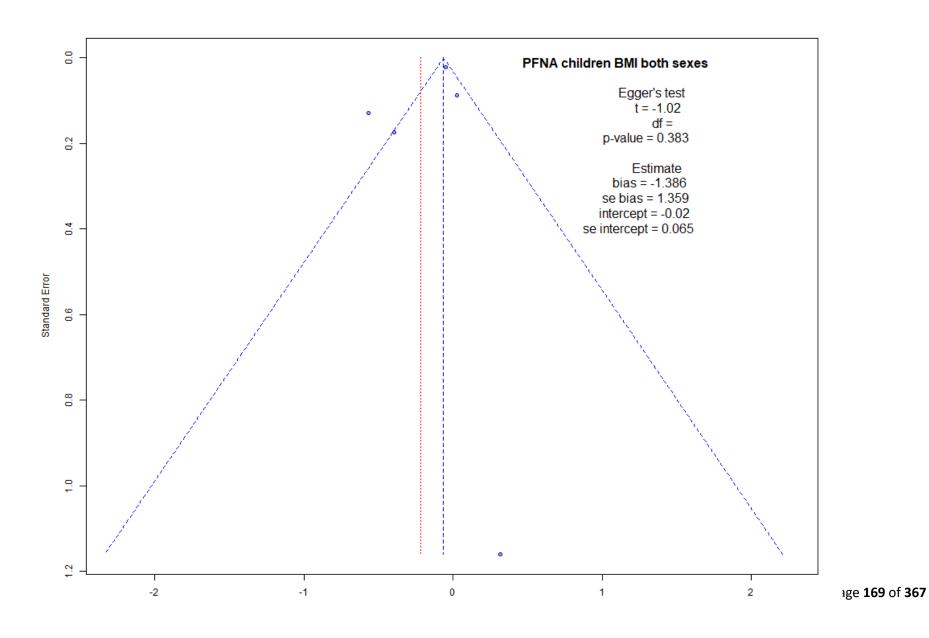
Study	Sampling	Outcome	Subj	PFHxS children BMI girls		95%-CI	Weight (common) (Weight random)
Canova et al., 2021 Liu et al., 2020	14-19 y 12 v	14-19 y 12 v	3258 97	_		[-0.03; 0.01] [-0.29; 1.01]	99.6% 0.1%	67.9% 6.9%
Schillemans et al., 2023				 		[-0.09; 0.47]	0.1%	25.3%
Common effect model Random effects model				₹		[-0.02; 0.01] [-0.11; 0.25]	100.0%	100.0%
Heterogeneity: $I^2 = 35\%$, $\tau^2 =$	= 0.0124, p = 0.22] -	1 -0.5 0 0.5	ן 1	[,]		

Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3258 97	-0.009 [-0.026; 0.009]	
Summary				0.040 [-0.125; 0.205]	02 0 02 04 05 08 1



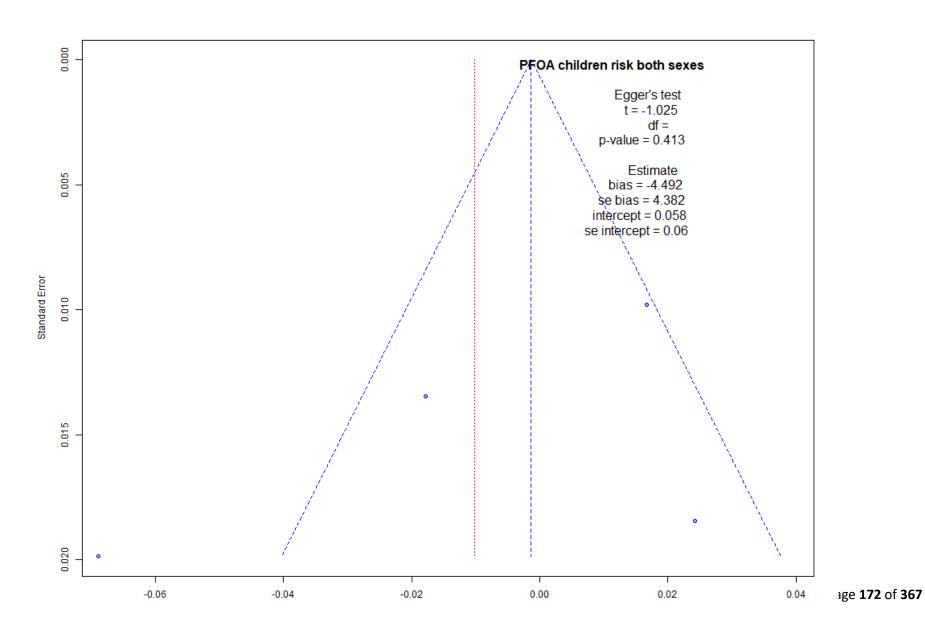
Study	Sampling	Outcome	Subj	PFNA children BMI both sexes		95%-CI	(common)	Weight (random)
Scinicariello et al., 2020	3-11 y	3-11 y	600	; †		[-0.15; 0.19]		26.2%
Liu et al., 2020	12 y	12 y	182	<u> </u>		[-1.96; 2.59]		1.4%
Karlsen et al., 2017	5 y	5 y	349	·		[-0.09; -0.01]		29.0%
Schillemans et al., 2023	12-18 years old	12-18 years old	1612		-0.40	[-0.74; -0.06]	1.5%	20.1%
Vrijheid et al., 2020	6-11 years	6-11 years	1301	 -	-0.57	[-0.82; -0.32]	2.7%	23.3%
Common effect model Random effects model						[-0.11; -0.02] [-0.49; 0.06]		100.0%
Heterogeneity: I^2 = 81%, τ^2 =	0.0659, p < 0.01			-2 -1 0 1 2				
				-2 -1 0 1 2				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Scinicariello et al., 2020	3-11 y	3-11 y	600	0.024 [-0.146; 0.195]	+
Liu et al., 2020	12 y	12 y	182	0.317 [-1.957; 2.591]	-
Karlsen et al., 2017	5 y	5 y	349	-0.050 [-0.094; -0.006]	
Schillemans et al., 2023	12-18 years old	12-18 years old	1612	-0.397 [-0.737; -0.057]	
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.570 [-0.823; -0.317]	
Summary				-0.328 [-0.612; -0.044]	•
					.1 0 1 2



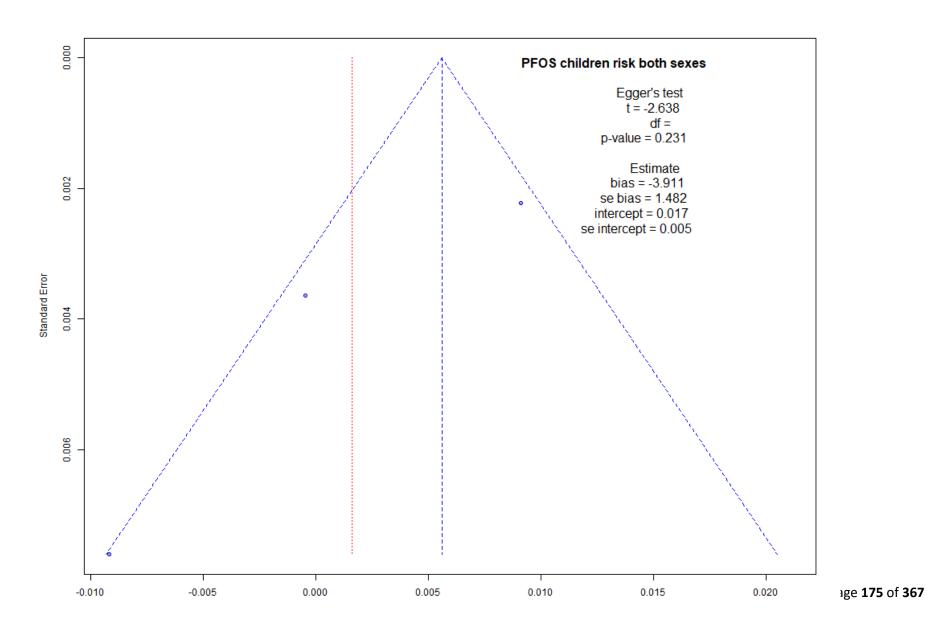
Study	Sampling	Outcome	Subj	PFOA c	hildren	risk	both se	exes		!	95%-CI	Weight (common)	Weight (random)
Karlsen et al., 2017 Geiger et al., 2021 Domazet et al., 2016 Vrijheid et al., 2020	5 y 12-18 y 9 y 6-11 years	5 y 12-18 y 15 y 6-11 years	349 2473 236 1301	_	■	-	<u> </u>		0.02 0.02	[-0.01 [-0.00	; 0.01] ; 0.06] ; 0.04] ; -0.03]	13.8% 48.6%	26.0% 23.6% 27.5% 22.9%
Common effect model Random effects model Heterogeneity: I^2 = 84%, τ^2		< 0.01		-0.1 -0	0.05	0	0.05			_	0.01] 0.03]		100.0%





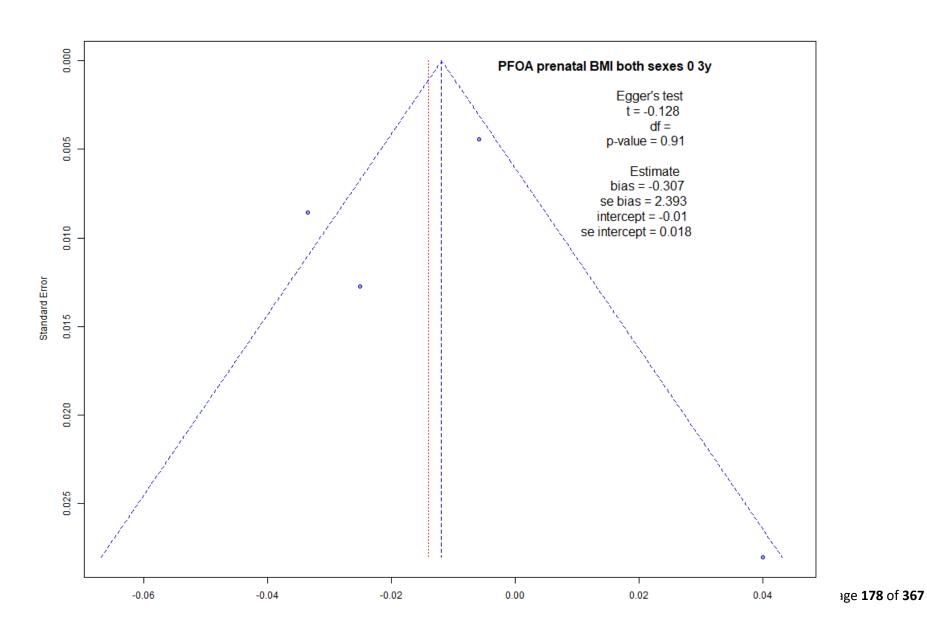
Study	Sampling	Outcome	Subj	PFOS	childre	n risl	k both s	sexes		9	5%-CI	(common)	
Karlsen et al., 2017	5 y	5 y	349		-	+	-			[-0.02			22.0%
Geiger et al., 2021	12-18 y	12-18 y	2473		_	•	+		-0.00	[-0.01	; 0.01]	25.6%	36.5%
Domazet et al., 2016	9 y	15 y	236						0.01	[0.00	; 0.01]	68.6%	41.6%
Common effect model						-	-		0.01	[0.00	0.01]	100.0%	
Random effects model Heterogeneity: $I^2 = 78\%$, τ^2		= 0.01			_ -	+		\neg	0.00	[-0.01	0.01]		100.0%
				-0.02	-0.01	0	0.01	0.02					

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Karlsen et al., 2017	5 y	5 y	349	-0.009 [-0.024; 0.006]	-
Geiger et al., 2021	12-18 y	12-18 y	2473	0.000 [-0.008; 0.007]	_
Domazet et al., 2016	9 y	15 y	236	0.009 [0.005; 0.013]	
Summary				-0.001 [-0.014; 0.012]	-
					
					-0.02-0.015-0.01-0.005 0 0.005 0.01



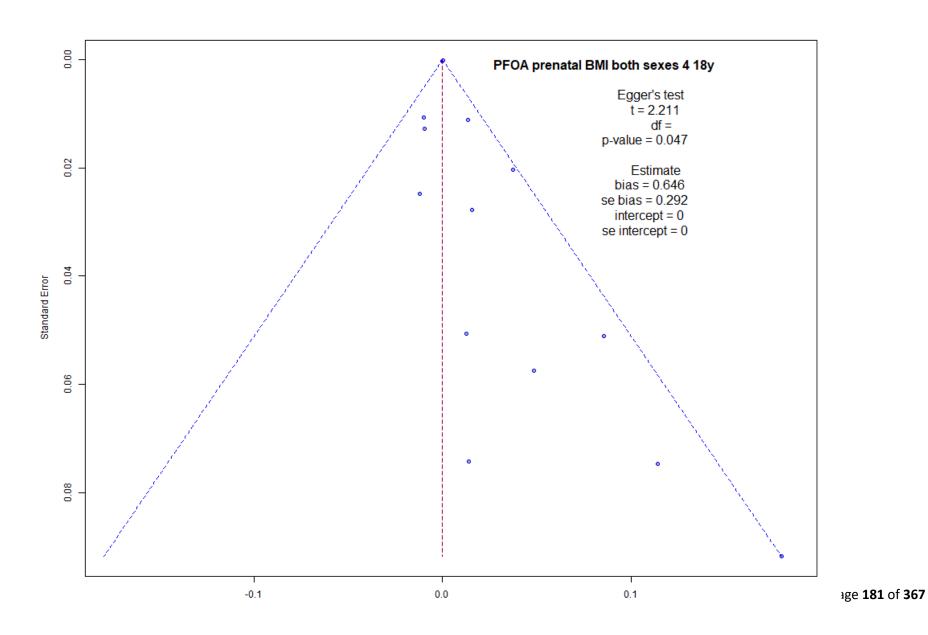
Study	Sampling	Outcome	SubpFO	A prenatal	BMI bo	oth sexes	0 3y	95%-CI	Weight (common) (Weight (random)
Zhang, Pan, et al., 2022 Jensen et al., 2020 Andersen et al., 2010 Yeung et al., 2019	15 w gest before 16 w gest 1st tr gest, 2nd tr gest, del del	3, 42, 182.6, and 365 d 3 m, 18 m 12 m 4 to 36 m	2395 593 1026 1850	<u> </u>	-	•	-0.04 -0.02	[-0.01; 0.00] [-0.01; 0.10] [-0.05; 0.00] [-0.05; -0.02]	70.8% 1.8% 8.5% 18.9%	35.0% 10.5% 24.4% 30.1%
Common effect model Random effects model Heterogeneity: $I^2 = 77\%$, τ'				-0.05	0	0.05		[-0.02; -0.00] [-0.04; 0.01]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.006 [-0.014; 0.003]	_
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	0.040 [-0.015; 0.095]	-
Andersen et al., 2010	1st tr gest, 2nd tr gest, del	12 m	1026	-0.025 [-0.050; 0.000]	
Yeung et al., 2019	del	4 to 36 m		-0.034 [-0.050; -0.017]	
Summary				-0.013 [-0.034; 0.008]	•
					-0.04 -0.02 0 0.02 0.04 0.06 0.08



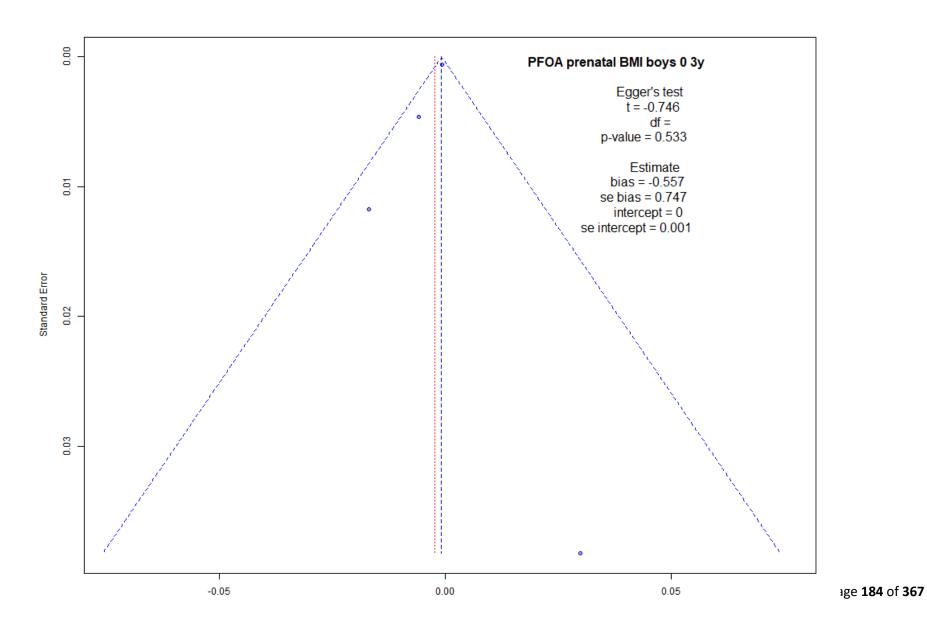
Study	Sampling	Outcome	SulijF	OA prenatal BMI both sexes 4 '	1 8 y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	•	-0.00	[-0.00; 0.00]	30.2%	46.9%
Bloom et al., 2022	8-13 w gest	4-8 y	661	+	-0.01	[-0.03; 0.01]	0.0%	0.2%
Lauritzen et al., 2018	17-20 w gest	5 y	412	 	0.09	[-0.01; 0.19]	0.0%	0.0%
Gyllenhammar et al., 2018	3 w after del	5 y	183	+	0.11	[-0.03; 0.26]	0.0%	0.0%
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	+	0.18	[0.00; 0.36]	0.0%	0.0%
Liu et al., 2020	del	12 y	212	 -	-0.01	[-0.06; 0.04]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	871	 -	0.01	[-0.01; 0.04]	0.0%	0.2%
Chen et al., 2019	del	5 y	404		0.00	[-0.00; 0.00]	69.8%	52.6%
Chen et al., 2017	del	60 to 108 m	429	 	0.01	[-0.09; 0.11]	0.0%	0.0%
Karlsen et al., 2017	2 w after del	5 y	371	 	0.04	[-0.00; 0.08]	0.0%	0.0%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	+-	0.02	[-0.04; 0.07]	0.0%	0.0%
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	- 	0.05	[-0.06; 0.16]	0.0%	0.0%
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491		0.01	[-0.13; 0.16]	0.0%	0.0%
Vrijheid et al., 2020	during gest	6-11 years	1301	+	-0.01	[-0.03; 0.02]	0.0%	0.1%
Common effect model					0.00	[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 24\%$, $\tau^2 < 0.00$	01 n = 0.10				0.00	[-0.00; 0.00]		100.0%
Heterogeneity. 7 = 24%, % < 0.00	υι, μ - υ. ισ			-0.3 -0.2 -0.1 0 0.1 0.2 0.3				
				0.0 0.2 0.1 0 0.1 0.2 0.3				

Study Zhang, Lei, et al., 2022	Sampling within 3 d before del	Outcome 7 y	Subjects 206	Estimate [95% CI] 0.000 [-0.001; 0.000]					
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.010 [-0.031; 0.011]		-			
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.086 [-0.014; 0.186]		+	•	_	
Gyllenhammar et al., 2018	3 w after del	5 y	183	0.114 [-0.032; 0.261]		_	•		
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	0.180 [0.000; 0.360]				•	
Liu et al., 2020	del	12 y	212	-0.012 [-0.061; 0.037]	-	-			
Mora et al., 2017	9.6 w gest	7.7 y	871	0.014 [-0.008; 0.035]		-			
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]		•			
Chen et al., 2017	del	60 to 108 m	429	0.013 [-0.087; 0.112]	_	-			
Karlsen et al., 2017	2 w after del	5 y	371	0.037 [-0.002; 0.077]		-	_		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.016 [-0.039; 0.070]		_	-		
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	0.049 [-0.064; 0.161]	_	-		-	
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.014 [-0.132; 0.159]		-		-	
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.009 [-0.034; 0.015]		-			
Summary				0.028 [0.006; 0.049]		•			
					0.4		-	-	_
					-0.1	U	0.1	0.2	0.3

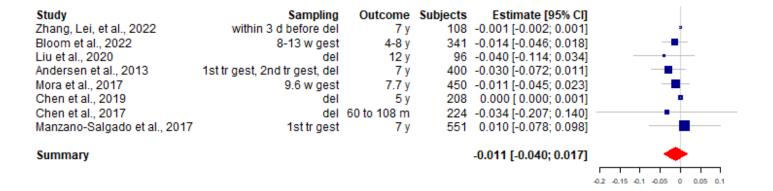


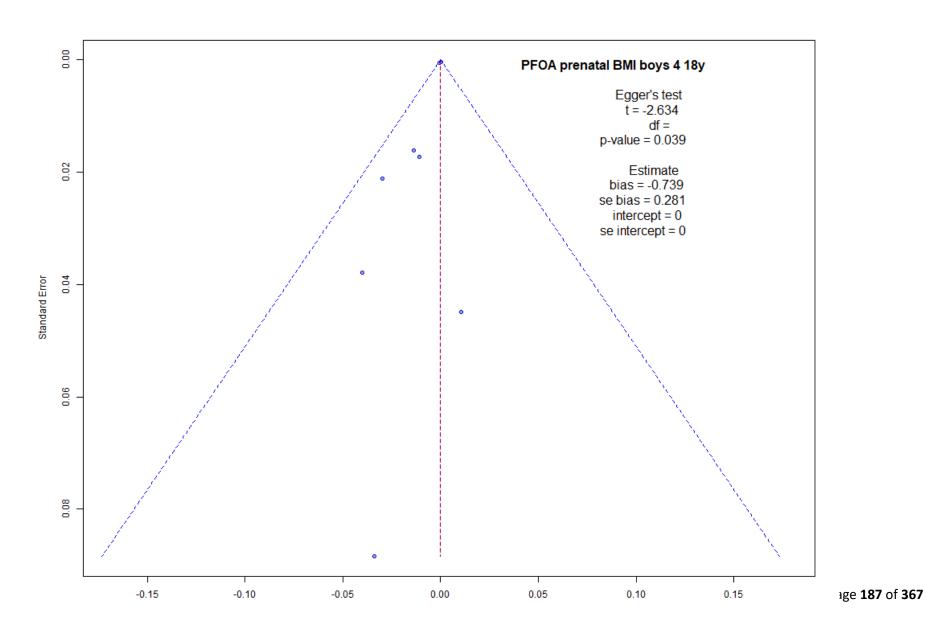
Study	Sampling	Outcome	Subj	PFO	A prena	tal BN	ll boys (Зу	95%-CI	Weight (common)	Weight (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Yeung et al., 2019	24-28 w gest 15 w gest before 16 w gest del	12 m 3, 42, 182.6, and 365 d 3 m, 18 m 4 to 36 m	204 1228 318 969		_	•		-0.0 0.0	00 [-0.00; 0.00] 01 [-0.01; 0.00] 03 [-0.04; 0.10] 02 [-0.04; 0.01]	98.2% 1.5% 0.0% 0.2%	75.2% 20.4% 0.4% 4.1%
Common effect model Random effects model Heterogeneity: I^2 = 19%, τ^2			-(0.1	-0.05	0	0.05		00 [-0.00; 0.00] 00 [-0.01; 0.00]	100.0%	100.0%

Study Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Yeung et al., 2019	Sampling 24-28 w gest 15 w gest before 16 w gest del	12 m 3, 42, 182.6, and 365 d	204 1228 318	Estimate [95% CI] -0.001 [-0.002; 0.001] -0.006 [-0.015; 0.003] 0.030 [-0.045; 0.105] -0.017 [-0.040; 0.006]	
Summary				-0.005 [-0.018; 0.008]	A04 A02 0 002 004 006 008 01



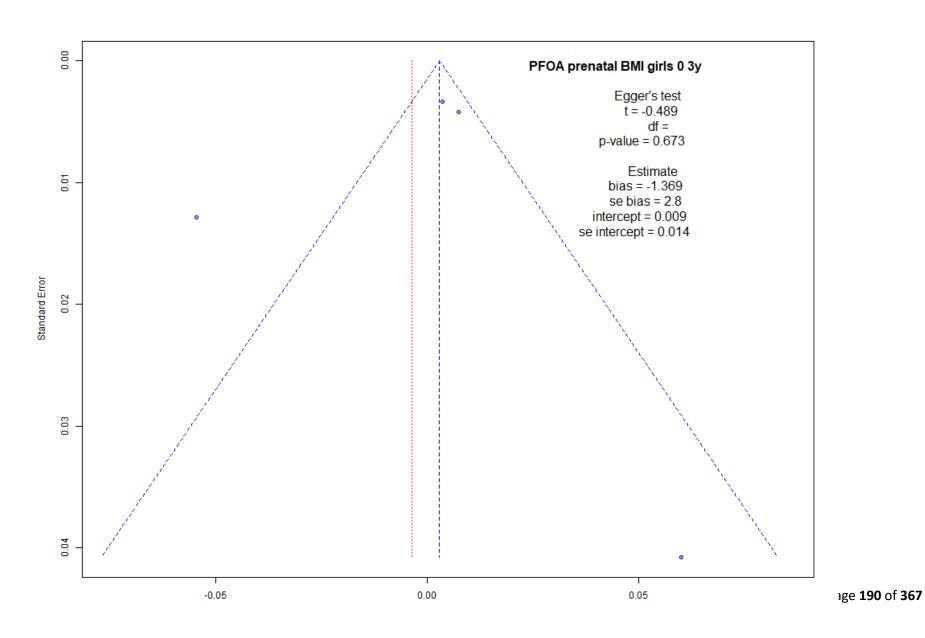
Study	Sampling	Outcome	Subj	PFOA prenata	al BMI boy	s 4 18y	95%-CI	Weight (common)	(random)
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108		•		[-0.00; 0.00]		39.1%
Bloom et al., 2022	8-13 w gest	4-8 y	341	_		-0.01	[-0.05; 0.02]	0.0%	0.1%
Liu et al., 2020	del	12 y	96			-0.04	[-0.11; 0.03]	0.0%	0.0%
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	400	-	+	-0.03	[-0.07; 0.01]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	450	_		-0.01	[-0.04; 0.02]	0.0%	0.1%
Chen et al., 2019	del	5 y	208			0.00	[-0.00; 0.00]	66.8%	60.7%
Chen et al., 2017	del	60 to 108 m	224	$\overline{}$		-0.03	[-0.21; 0.14]	0.0%	0.0%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551		+	0.01	[-0.08; 0.10]	0.0%	0.0%
Common effect model						0.00	[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1 n = 0.54				+ ,	-0.00	[-0.00; 0.00]		100.0%
110torogonoky. 7 = 076, t < 0.000	1, μ - 0.04		_	0.2 -0.1	0 0.1	1 0.2			



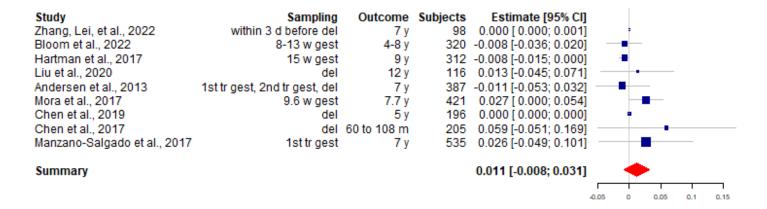


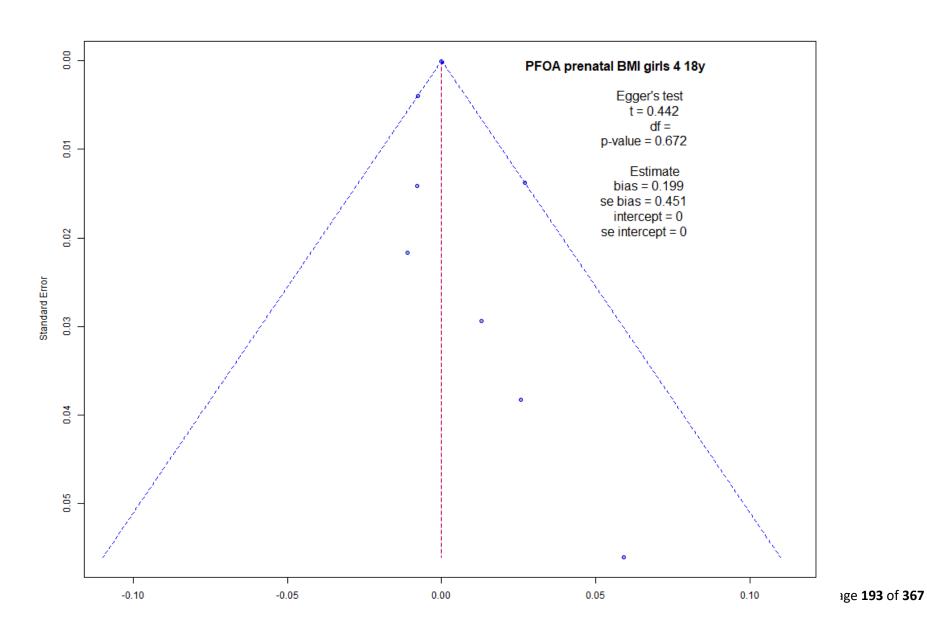
Study	Sampling	Outcome	Subj	PFOA prenatal BMI girls 0 3y	95%-CI (Weight Weight common) (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Yeung et al., 2019	24-28 w gest 15 w gest 3, 4 before 16 w gest del	12 m 2, 182.6, and 365 d 3 m, 18 m 4 to 36 m	214 1167 275 881		0.00 [-0.00; 0.01] 0.01 [-0.00; 0.02] - 0.06 [-0.02; 0.14] -0.05 [-0.08; -0.03]	58.5% 30.2% 37.1% 30.1% 0.4% 12.8% 4.0% 26.9%
Common effect model Random effects model Heterogeneity: l^2 = 87%, τ^2				-0.1 -0.05 0 0.05 0.1	0.00 [-0.00; 0.01] -0.00 [-0.04; 0.03]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Romano et al., 2022	24-28 w gest	12 m	214	0.004 [-0.003; 0.010]		-	ı		
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.007 [-0.001; 0.016]		_			
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	0.060 [-0.020; 0.140]					_
Yeung et al., 2019	del	4 to 36 m	881	-0.054 [-0.080; -0.029]					
Summary				-0.009 [-0.031; 0.014]	4				
						$\overline{}$	\neg	\neg	
					-0.05	0	0.05	0.1	



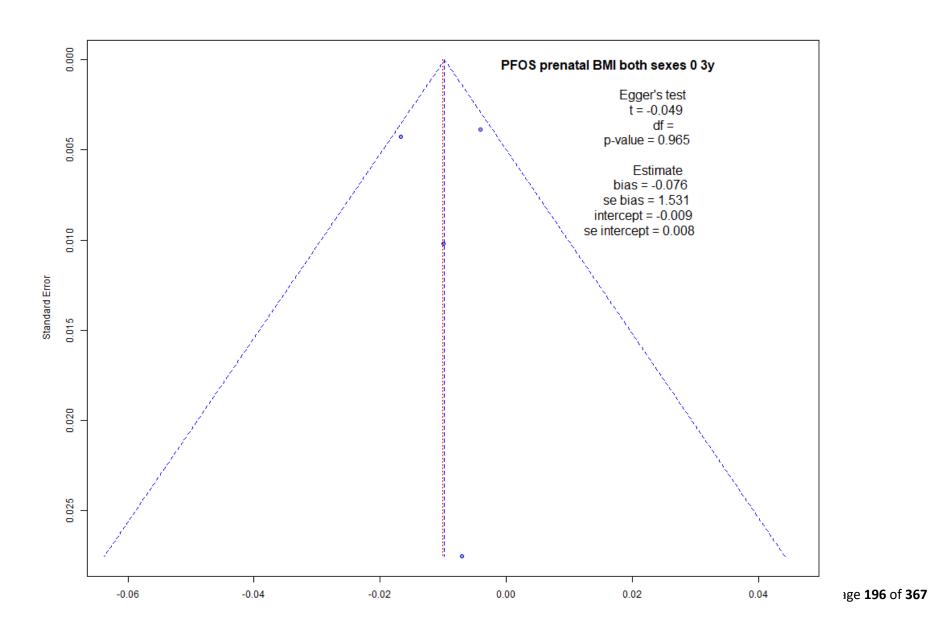
Study	Sampling	Outcome	Subj	PFOA prenatal BMI girls 4 18y		95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019 Chen et al., 2017 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 5 y 60 to 108 m 7 y	98 320 312 116 387 421 196 205 535		-0.01 -0.01 0.01 -0.01 0.03 0.00 0.06	[-0.00; 0.00] [-0.04; 0.02] [-0.02; 0.00] [-0.04; 0.07] [-0.05; 0.03] [0.00; 0.05] [-0.00; 0.00] [-0.05; 0.17] [-0.05; 0.10]	17.1% 0.0% 0.0% 0.0% 0.0% 0.0% 82.8% 0.0%	17.1% 0.0% 0.0% 0.0% 0.0% 0.0% 82.8% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 23%, τ^2 = 0, ρ	= 0.24			-0.15-0.1-0.05 0 0.05 0.1 0.15	0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	 100.0%





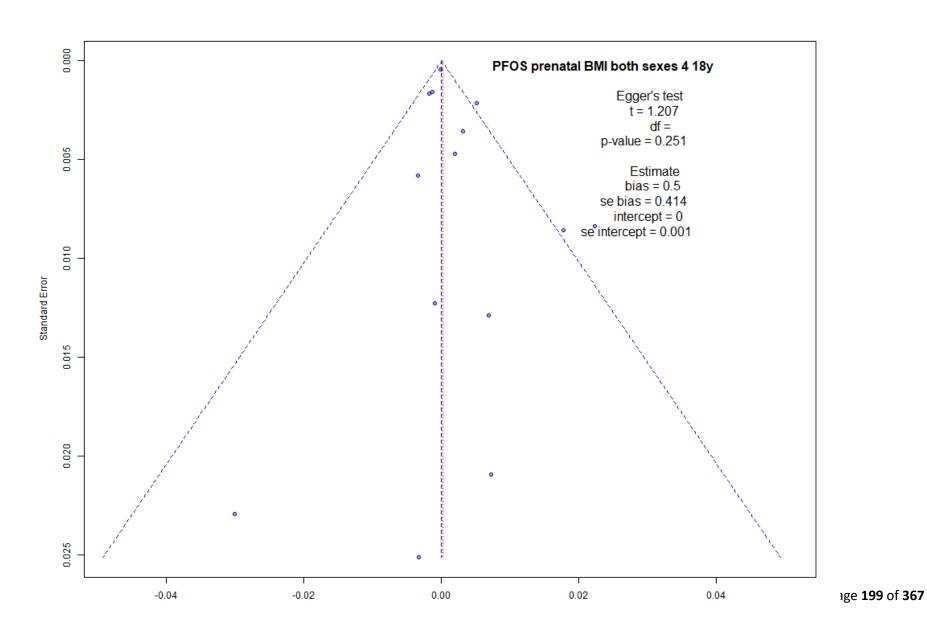
Study	Sampling	Outcome	Subpros	prenatal BMI both sex	es 0 3y	95%-CI	Weight (common) (Weight random)
Zhang, Pan, et al., 2022 Jensen et al., 2020 Andersen et al., 2010 Yeung et al., 2019	15 w gest before 16 w gest 1st tr gest, 2nd tr gest, del del	3, 42, 182.6, and 365 d 3 m, 18 m 12 m 4 to 36 m	2395 593 1026 — 1850		-0.01 [- -0.01 [-	-0.01; 0.00] -0.03; 0.01] -0.06; 0.05] -0.03; -0.01]	50.3% 7.3% 1.0% 41.4%	42.7% 14.8% 2.5% 40.0%
Common effect model Random effects model Heterogeneity: $I^2 = 38\%$, τ^2			-0.06	-0.02 0 0.02 0.0	-0.01 [-	0.02; -0.00] 0.02; -0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]		_			
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	2395	-0.004 [-0.012; 0.004]		-			
Jensen et al., 2020	before 16 w gest	3 m, 18 m	593	-0.010 [-0.030; 0.010]		_	_		
Andersen et al., 2010	1st tr gest, 2nd tr gest, del	12 m	1026	-0.007 [-0.061; 0.047]			_		
Yeung et al., 2019	del	4 to 36 m	1850	-0.017 [-0.025; -0.008]		-			
Summary				-0.009 [-0.021; 0.003]		4			
						1	_	1	\neg
					0.06 40.04	4 40.02	0 0	0.02	0.04



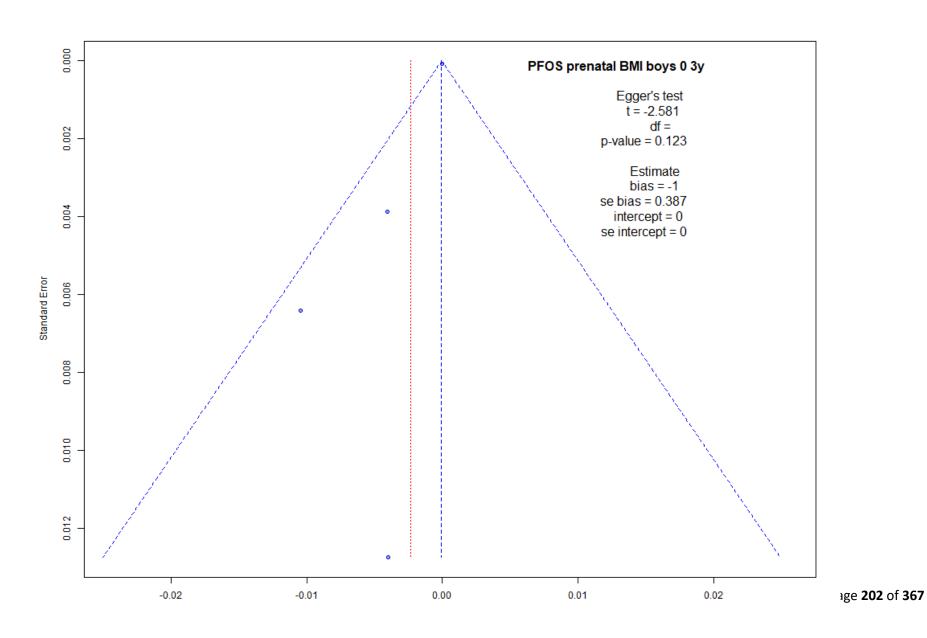
Study	Sampling	Outcome	SulDjF	OS prenatal BMI both sexes 4 1	18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022	within 3 d before del 8-13 w gest	7 y 4-8 v	206 661	<u>+</u>		[-0.00; 0.01] [-0.01; 0.00]	1.3% 5.8%	2.6% 11.0%
Lauritzen et al., 2018	17-20 w gest	5 y	412			[0.00; 0.03]	0.2%	0.5%
Gyllenhammar et al., 2018	3 w after del	5 y	182		0.02	[0.01; 0.04]	0.2%	0.5%
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536		-0.03	[-0.07; 0.01]	0.0%	0.1%
Liu et al., 2020	del	12 y	212	- +	-0.00	[-0.03; 0.02]	0.1%	0.2%
Mora et al., 2017	9.6 w gest	7.7 y	871	+		[0.00; 0.01]	3.5%	6.9%
Chen et al., 2019	del	5 y	404		-0.00	[-0.00; 0.00]	81.2%	63.4%
Chen et al., 2017	del	60 to 108 m	429		-0.00	[-0.05; 0.05]	0.0%	0.1%
Karlsen et al., 2017	2 w after del	5 y	371		0.00	[-0.01; 0.01]	0.7%	1.5%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	- +	0.01	[-0.02; 0.03]	0.1%	0.2%
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531		-0.00	[-0.01; 0.01]	0.5%	1.0%
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491		0.01	[-0.03; 0.05]	0.0%	0.1%
Vrijheid et al., 2020	during gest	6-11 years	1301	†	-0.00	[-0.00; 0.00]	6.4%	12.0%
Common effect model						[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 42\%$, $\tau^2 < 0.00$	01 p = 0.05				0.00	[-0.00; 0.00]		100.0%
1101010g011011j. 7 = 4270, 0 = 0.00	0.1,p 0.00			-0.06 -0.02 0 0.02 0.06				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.003 [-0.004; 0.010]	+
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.002 [-0.005; 0.001]	+
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.018 [0.001; 0.035]	-
Gyllenhammar et al., 2018	3 w after del	5 y	182	0.022 [0.006; 0.039]	
Sevelsted et al., 2022	24 w gest - 1 w after del	10 y	536	-0.030 [-0.075; 0.015]	
Liu et al., 2020	del	12 y	212	-0.001 [-0.025; 0.023]	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.005 [0.001; 0.009]	-
Chen et al., 2019	del	5 y	404	0.000 [-0.001; 0.001]	
Chen et al., 2017	del	60 to 108 m	429	-0.003 [-0.053; 0.046]	
Karlsen et al., 2017	2 w after del	5 y	371	0.002 [-0.007; 0.011]	-
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.007 [-0.018; 0.032]	
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	-0.003 [-0.015; 0.008]	
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.007 [-0.034; 0.048]	
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.001 [-0.004; 0.002]	=
Summary				0.001 [-0.006; 0.007]	•
					-0.06 -0.04 -0.02 0 0.02 0.04

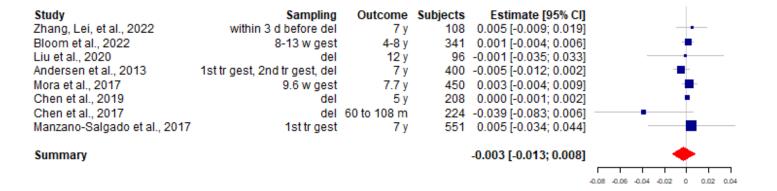


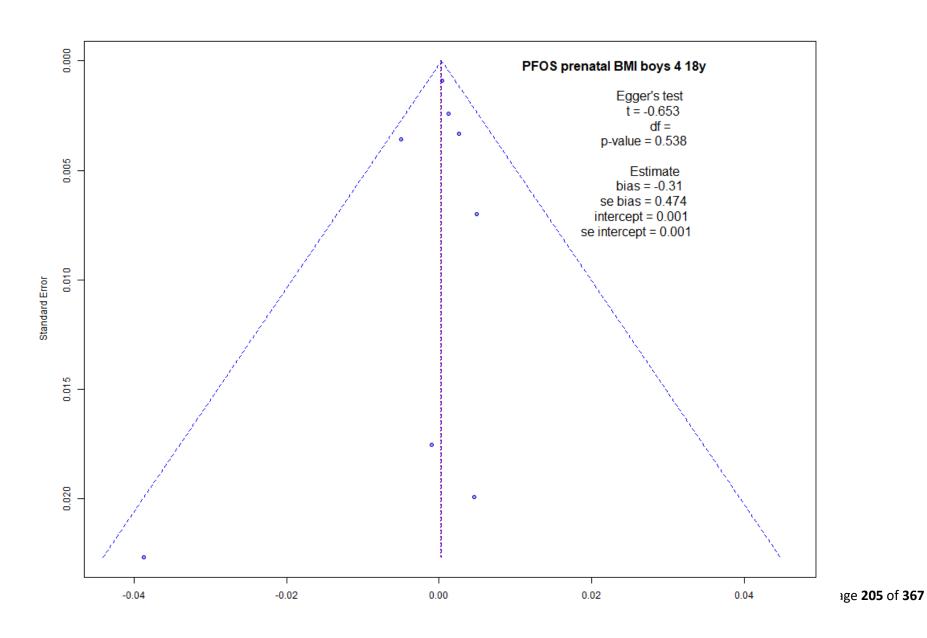
Study	Sampling	Outcome	Subj	PFOS prenatal BMI boys 0 3y	95%-CI (Weight Weight common) (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Yeung et al., 2019	24-28 w gest 15 w gest 3, 4 before 16 w gest del	12 m 2, 182.6, and 365 d 3 m, 18 m 4 to 36 m	204 1228 318 969		-0.00 [-0.00; 0.00] -0.00 [-0.01; 0.00] -0.00 [-0.03; 0.02] -0.01 [-0.02; 0.00]	99.9% 61.1% 0.0% 23.9% 0.0% 3.4% 0.0% 11.6%
Common effect model Random effects model Heterogeneity: I^2 = 21%, τ^2				-0.02-0.01 0 0.01 0.02	-0.00 [-0.00; 0.00] -0.00 [-0.01; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Romano et al., 2022	24-28 w gest	12 m	204	0.000 [0.000; 0.000]			_*		
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.004 [-0.012; 0.004]					
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318	-0.004 [-0.029; 0.021]		_	-		
Yeung et al., 2019	del	4 to 36 m	969	-0.010 [-0.023; 0.002]			+		
Summary				-0.006 [-0.013; 0.001]		•			
						1			\neg
					-0.02	-0.01		0.01	0.02



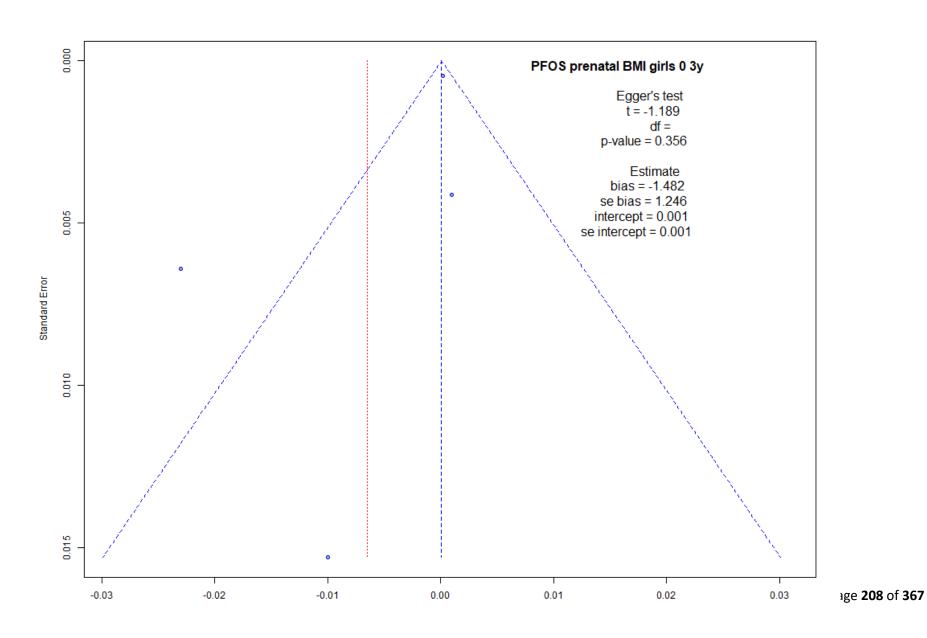
Study	Sampling	Outcome	Subj	PFOS prenatal BM	ll boys 4 18y		95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022	within 3 d before del 8-13 w gest	7 y 4-8 v	108 341	+	-		[-0.01; 0.02] [-0.00; 0.01]	1.3% 11.2%	4.6% 22.7%
Liu et al., 2020	del	12 y	96		_	-0.00	[-0.04; 0.03]	0.2%	0.8%
Mora et al., 2017	st tr gest, 2nd tr gest, del 9.6 w gest	7.7 y	400 450	<u>+</u>		0.00	[-0.01; 0.00] [-0.00; 0.01]	5.9%	13.9% 15.4%
Chen et al., 2019 Chen et al., 2017	del del	5 y 60 to 108 m	208 224				[-0.00; 0.00] [-0.08; 0.01]		41.6% 0.5%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551			0.00	[-0.03; 0.04]	0.2%	0.6%
Common effect model Random effects model				<u> </u>			[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.0001$,	p = 0.51			-0.05 0	0.05	0.00	[-0.00, 0.00]	-	100.070





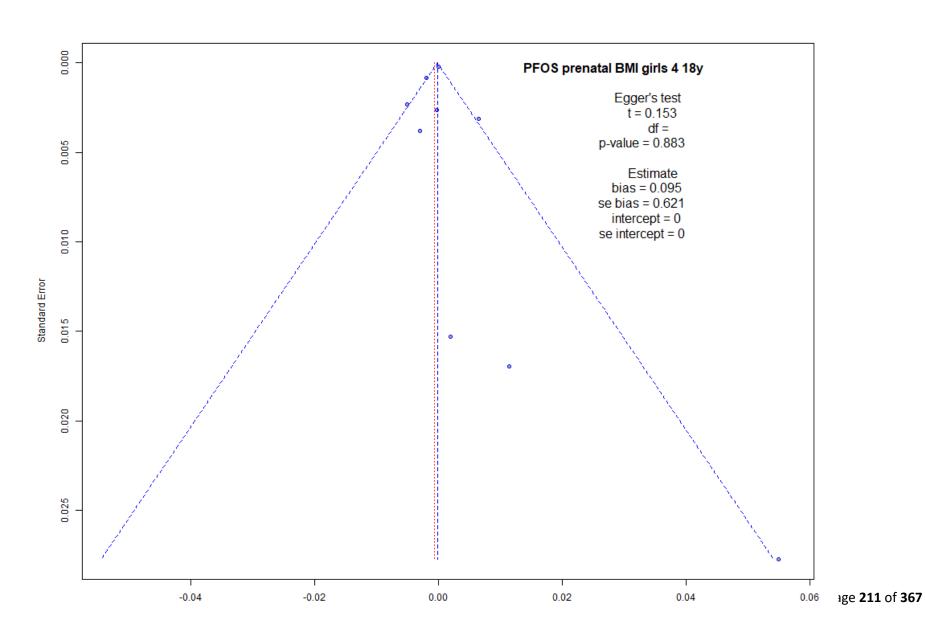
Study	Sampling	Outcome	Subj	PFOS prenatal BMI girls 0 3y	95%-CI (Weight Weight common) (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020 Yeung et al., 2019	24-28 w gest 15 w gest 3, 4 before 16 w gest del	12 m 2, 182.6, and 365 d 3 m, 18 m 4 to 36 m	214 1167 275 881		0.00 [-0.00; 0.00] 0.00 [-0.01; 0.01] -0.01 [-0.04; 0.02] -0.02 [-0.04; -0.01]	98.2% 34.2% 1.2% 29.7% 0.1% 11.1% 0.5% 25.0%
Common effect model Random effects model Heterogeneity: $I^2 = 78\%$, τ^2			-0.	04 -0.02 0 0.02 0.	0.00 [-0.00; 0.00] -0.01 [-0.02; 0.01]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]							
Romano et al., 2022	24-28 w gest	12 m	214	0.000 [-0.001; 0.001]							
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1167	0.001 [-0.007; 0.009]				-		-	
Jensen et al., 2020	before 16 w gest	3 m, 18 m	275	-0.010 [-0.040; 0.020]	_			•	_		
Yeung et al., 2019	del	4 to 36 m	881	-0.023 [-0.036; -0.010]	-						
Summary				-0.009 [-0.020; 0.003]			-	•	-		
											\neg
					-0.04	-0.03	-0.02	-0.01	0	0.01	0.02



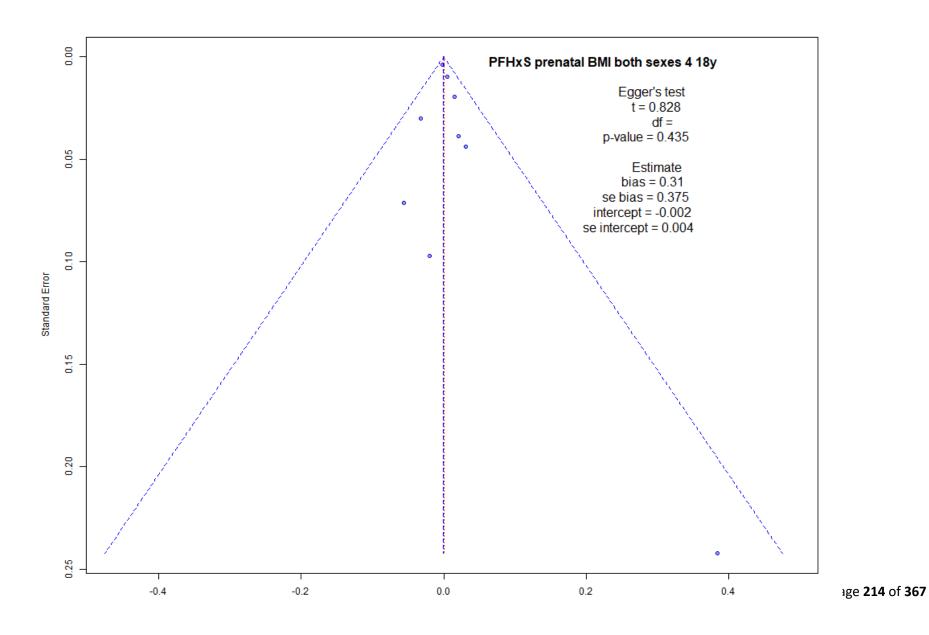
Study	Sampling	Outcome	Subj	PFOS prenatal BMI girls 4 18y	y 95%-C	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019 Chen et al., 2017 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 5 y 60 to 108 m 7 y	98 320 312 116 387 421 196 205 535	+	-0.00 [-0.01; 0.00 -0.01 [-0.01; -0.00 -0.00 [-0.00; -0.00 0.00 [-0.01; 0.00 -0.00 [-0.01; 0.00 0.01 [0.00; 0.01 -0.00 [-0.00; 0.00 -0.05 [0.00; 0.11 0.01 [-0.02; 0.04	0.8% 5.6% 0.0% 0.3% 0.4% 92.2% 0.0%	13.4% 14.9% 24.1% 0.8% 8.6% 11.0% 26.5% 0.2% 0.6%
Common effect model Random effects model Heterogeneity: I^2 = 56%, τ^2 < 0.00	01, p = 0.02			-0.1 -0.05 0 0.05 0.1	-0.00 [-0.00; 0.00 -0.00 [-0.00; 0.00	•	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.000 [-0.005; 0.005]	+
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.005 [-0.010; 0.000]	-
Hartman et al., 2017	15 w gest	9 y	312	-0.002 [-0.004; 0.000]	=
Liu et al., 2020	del	12 y	116	0.002 [-0.028; 0.032]	
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	387	-0.003 [-0.010; 0.004]	-
Mora et al., 2017	9.6 w gest	7.7 y	421	0.006 [0.000; 0.013]	-
Chen et al., 2019	del	5 y	196	0.000 [0.000; 0.000]	<u> </u>
Chen et al., 2017	del	60 to 108 m	205	0.055 [0.001; 0.109]	•
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.011 [-0.022; 0.045]	
Summary				0.007 [-0.002; 0.015]	•
					-
					-0.02 0 0.02 0.04 0.06 0.08 0.1

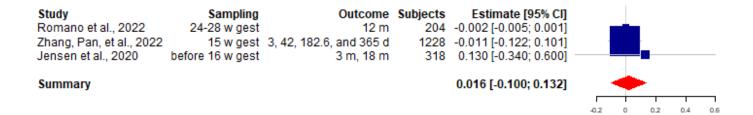


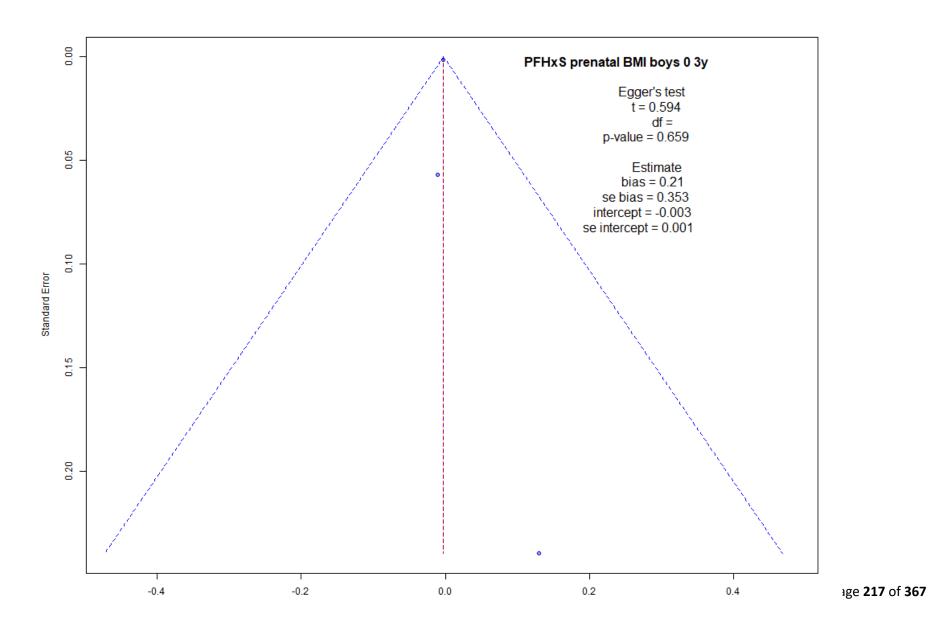
Study	Sampling	Outcome	SulleFHx	S prenatal BMI both	sexes 4 18y	95%-CI	Weight (common)	•
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	+	0.02	[-0.05; 0.10]	0.9%	0.9%
Bloom et al., 2022	8-13 w gest	4-8 y	661	-+	-0.03	[-0.09; 0.03]	1.4%	1.5%
Gyllenhammar et al., 2018	3 w after del	5 y	182	+	0.02	[-0.02; 0.05]	3.3%	3.4%
Liu et al., 2020	del	12 y	212		0.38	[-0.09; 0.86]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	871	•	0.00	[-0.01; 0.02]	13.4%	13.9%
Chen et al., 2019	del	5 y	404		-0.00	[-0.01; 0.01]	79.9%	79.1%
Karlsen et al., 2017	2 w after del	5 y	371	+	0.03	[-0.05; 0.12]	0.7%	0.7%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	 -	-0.06	[-0.20; 0.08]	0.2%	0.3%
Vrijheid et al., 2020	during gest	6-11 years	1301	_	-0.02	[-0.21; 0.17]	0.1%	0.1%
Common effect model					-0.00	[-0.01; 0.01]	100.0%	
Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	01 n = 0.64				-0.00	[-0.01; 0.01]		100.0%
110torogonoity. 7 = 070, t < 0.000	71, p = 0.04			-0.5 0	0.5			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	l					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.021 [-0.055; 0.096]	į	-				
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.032 [-0.092; 0.027]	j -	-				
Gyllenhammar et al., 2018	3 w after del	5 y	182	0.015 [-0.023; 0.054]		-				
Liu et al., 2020	del	12 y	212	0.384 [-0.091; 0.859]	j .	+		-		
Mora et al., 2017	9.6 w gest	7.7 y	871	0.005 [-0.014; 0.024						
Chen et al., 2019	del	5 y	404	-0.001 [-0.009; 0.006]		•				
Karlsen et al., 2017	2 w after del	5 y	371	0.031 [-0.054; 0.117]		-				
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.056 [-0.196; 0.084]						
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.020 [-0.211; 0.170]	j —		_			
Summary				-0.001 [-0.060; 0.058]	l	•				
						+	$\overline{}$			\neg
					-0.2	0	0.2	0.4	0.6	8.0



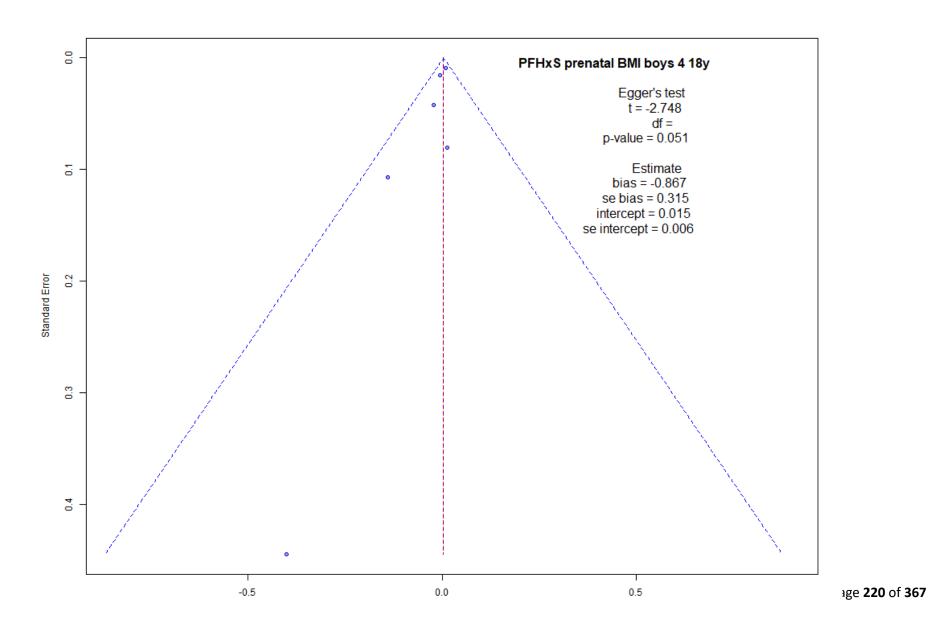
Study	Sampling	Outcome	Subj	PFHxS prenatal BMI boys 0 3y	95%-CI	Weight Weight (common) (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	24-28 w gest 15 w gest before 16 w gest	12 m 3, 42, 182.6, and 365 d 3 m, 18 m	204 1228 318		-0.00 [-0.01; 0.00] -0.01 [-0.12; 0.10] - 0.13 [-0.34; 0.60]	0.1% 0.1%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0\%$	0, p = 0.85		-(0.6 -0.4 -0.2 0 0.2 0.4 0	-0.00 [-0.01; 0.00] -0.00 [-0.01; 0.00]	



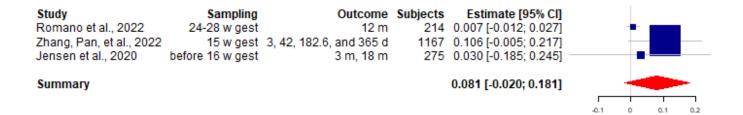


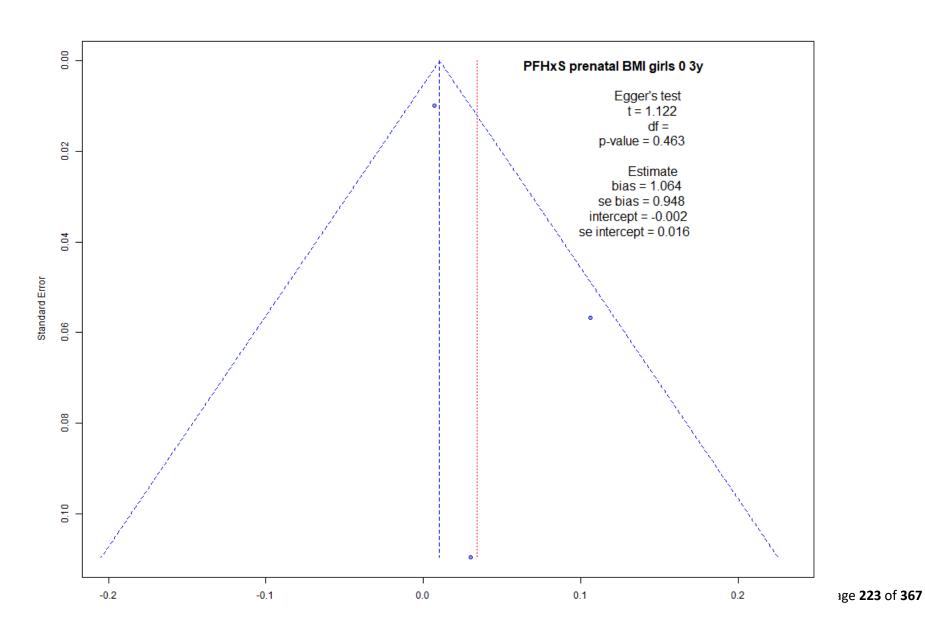
Study	Sampling	Outcome	Subj	PFHxS prenatal BMI boys 4 18y	95%-CI	Weight Weig (common) (randor	
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	7 y 4-8 y 12 y 7.7 y 5 y 7 y	108 341 96 450 208 551		0.01 [-0.14; 0.17] -0.02 [-0.11; 0.06] -0.40 [-1.27; 0.47] -0.00 [-0.04; 0.03] 0.01 [-0.01; 0.03] -0.14 [-0.35; 0.07]	3.1% 3.1 0.0% 0.0 22.8% 22.8 72.6% 72.6	1% 0% 3% 6%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	- 0.61			-1 -0.5 0 0.5 1	0.00 [-0.01; 0.02] 0.00 [-0.01; 0.02]		 D%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.014 [-0.143; 0.172]	-
Bloom et al., 2022	8-13 w gest	4-8 y	341	-0.022 [-0.105; 0.062]	-
Liu et al., 2020	del	12 y	96	-0.401 [-1.274; 0.472]	•
Mora et al., 2017	9.6 w gest	7.7 y	450	-0.005 [-0.036; 0.026]	=
Chen et al., 2019	del	5 y	208	0.009 [-0.008; 0.026]	=
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.140 [-0.350; 0.070]	_
Summary				-0.069 [-0.153; 0.015]	•
					-1 -0.5 0

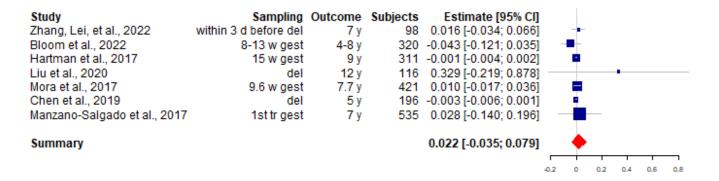


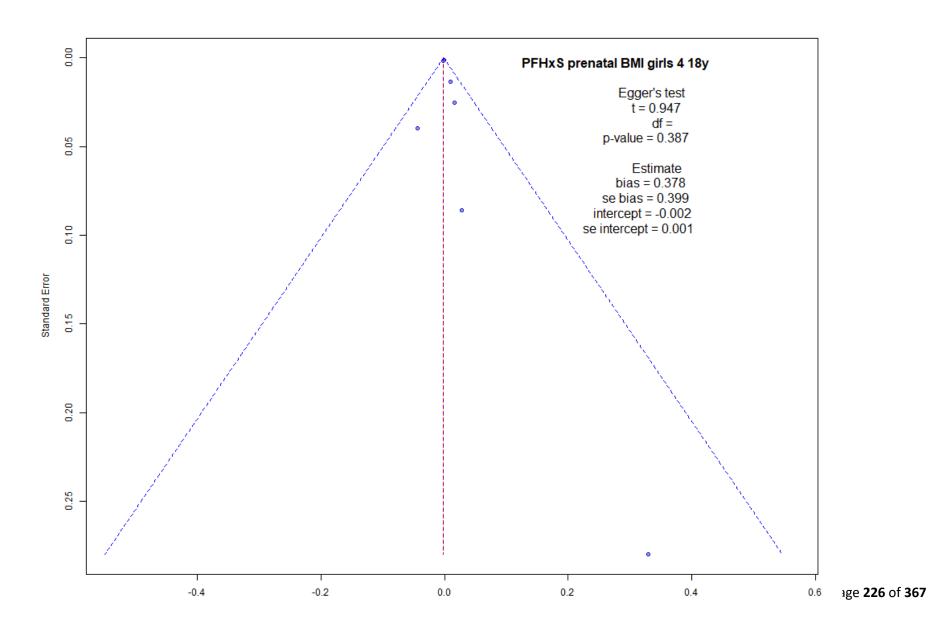
Study	Sampling	Outcome	Subj	PFHxS pren	atal B	MI girls	s 0 3y	95%-CI (Weight (common) (random)
Romano et al., 2022	24-28 w gest	12 m	214					0.01 [-0.01; 0.03]	96.3%	65.5%
Zhang, Pan, et al., 2022 Jensen et al., 2020	15 w gest before 16 w gest	3, 42, 182.6, and 365 d 3 m, 18 m	275			_		0.11 [-0.01; 0.22] - 0.03 [-0.18; 0.24]	2.9% 0.8%	25.3% 9.3%
Common effect model Random effects model Heterogeneity: $I^2 = 33\%$, τ^2	= 0.0019, p = 0.23				+	<u> </u>	\neg	0.01 [-0.01; 0.03] 0.03 [-0.04; 0.10]	100.0%	 100.0%
				-0.2 -0.1	0	0.1	0.2			





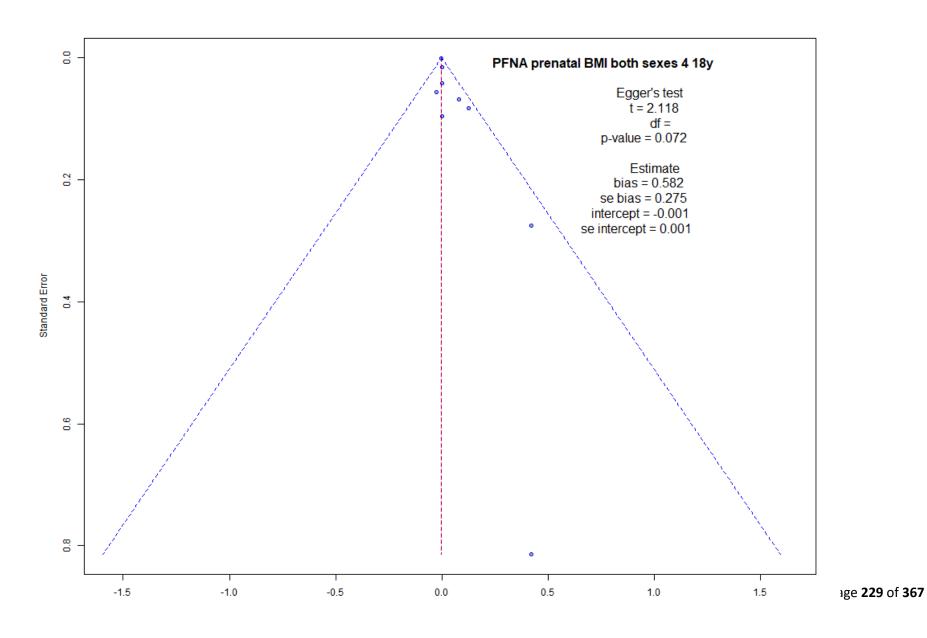
Study	Sampling	Outcome	Subj	PFHxS prenatal BMI girls 4 18y		95%-CI	Weight (common)	_
Zhang, Lei, et al., 2022 Bloom et al., 2022	within 3 d before del 8-13 w gest	7 y 4-8 y	98 320	<u> </u>		[-0.03; 0.07] [-0.12; 0.04]		0.5% 0.2%
Hartman et al., 2017 Liu et al., 2020	15 w gest del	9 y 12 y	311 116	-		[-0.00; 0.00] [-0.22; 0.88]	0.0%	54.5% 0.0%
Mora et al., 2017 Chen et al., 2019	9.6 w gest del	7.7 y 5 y	421 196	•	-0.00	[-0.02; 0.04] [-0.01; 0.00]	33.9%	1.8% 42.9%
Manzano-Salgado et al., 2017 Common effect model	1st tr gest	7 y	535			[-0.14; 0.20]		0.0%
Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1, p = 0.64			-0.5 0 0.5		[-0.00; 0.00] [-0.01; 0.00]		100.0%



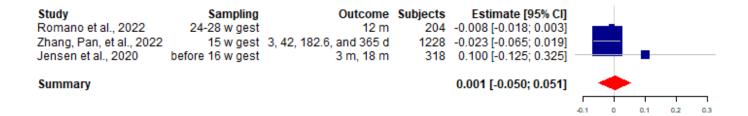


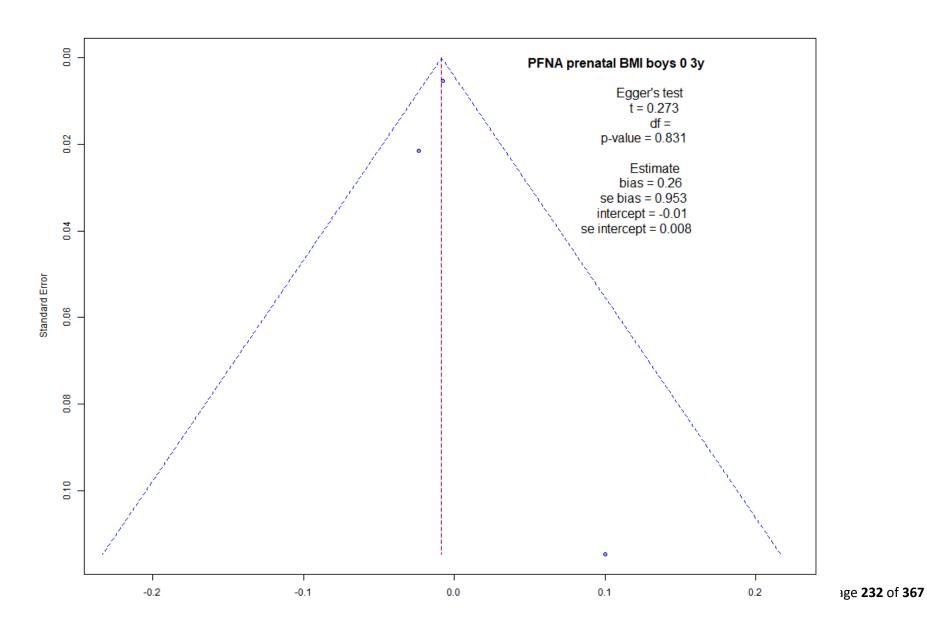
Study	Sampling	Outcome	SulejFN	A prenatal BMI bo	oth sexes 4 18	Ву	95%-CI	Weight (common)	_
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	+			[-0.03; 0.03]	1.1%	1.1%
Bloom et al., 2022	8-13 w gest	4-8 y	661	†		-0.02	[-0.13; 0.09]	0.1%	0.1%
Gyllenhammar et al., 2018	3 w after del	5 y	183	+		0.42	[-0.12; 0.96]	0.0%	0.0%
Liu et al., 2020	del	12 y	212			0.42	[-1.17; 2.02]	0.0%	0.0%
Mora et al., 2017	9.6 w gest	7.7 y	871	+-		0.12	[-0.04; 0.29]	0.0%	0.0%
Chen et al., 2019	del	5 y	404			-0.00	[-0.00; 0.00]	98.5%	98.5%
Karlsen et al., 2017	2 w after del	5 y	371	+		0.00	[-0.08; 0.08]	0.1%	0.1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	+		0.08	[-0.05; 0.21]	0.1%	0.1%
Vrijheid et al., 2020	during gest	6-11 years	1301	+		0.00	[-0.19; 0.19]	0.0%	0.0%
Common effect model						-0.00	[-0.00; 0.00]	100.0%	
Random effects model			_			-0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p =$	= 0.59		Г						
2 2			-2	-1 0	1 2				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.001 [-0.029; 0.031]		•				
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.023 [-0.133; 0.087]		•				
Gyllenhammar et al., 2018	3 w after del	5 y	183	0.423 [-0.115; 0.962]		+	-			
Liu et al., 2020	del	12 y	212	0.422 [-1.175; 2.018]			•			_
Mora et al., 2017	9.6 w gest	7.7 y	871	0.125 [-0.037; 0.288]		-	-			
Chen et al., 2019	del	5 y	404	0.000 [-0.003; 0.003]		•				
Karlsen et al., 2017	2 w after del	5 y	371	0.000 [-0.082; 0.082]		•				
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.080 [-0.053; 0.213]		-				
Vrijheid et al., 2020	during gest	6-11 years	1301	0.000 [-0.188; 0.188]		-	H			
Summary				0.066 [-0.025; 0.156]		•				
						1 1	1		1	_
					-1 -0	0.5 0	0.5	1	1.5	2

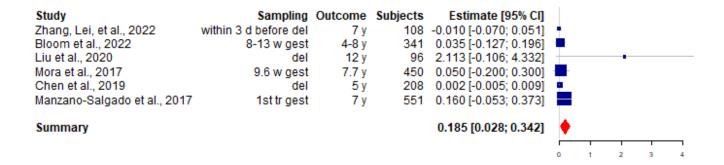


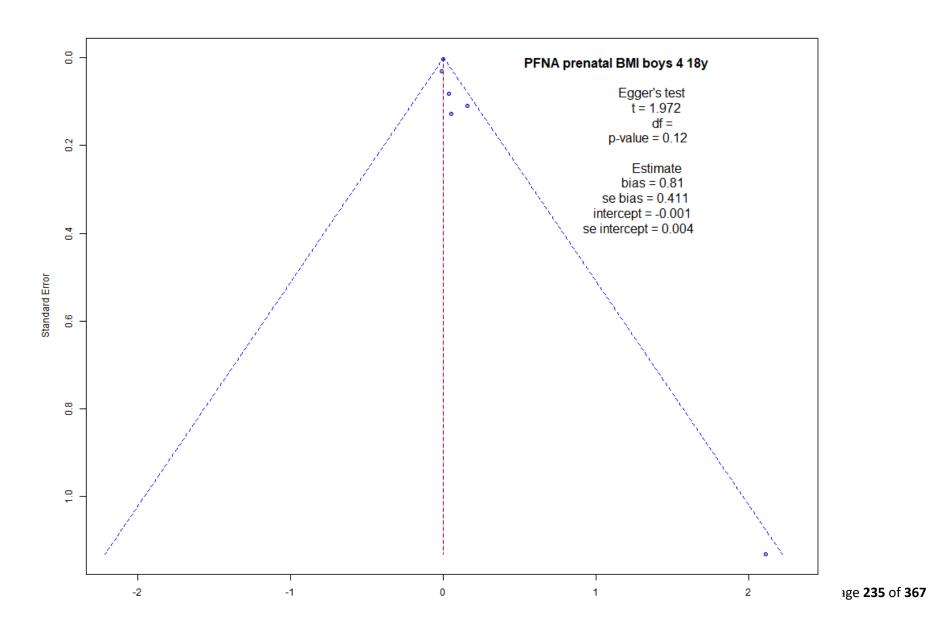
Study	Sampling	Outcome	Subj	PFNA prenatal BMI boys 0 3y		95%-CI	Weight (common) (Weight (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	24-28 w gest 15 w gest before 16 w gest	12 m 3, 42, 182.6, and 365 d 3 m, 18 m	204 1228 318		-0.02	[-0.02; 0.00] [-0.07; 0.02] [-0.12; 0.32]	94.2% 5.6% 0.2%	94.2% 5.6% 0.2%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =	0, p = 0.50			-0.3 -0.2 -0.1 0 0.1 0.2 0.3	-0.01	[-0.02; 0.00] [-0.02; 0.00]	100.0%	100.0%



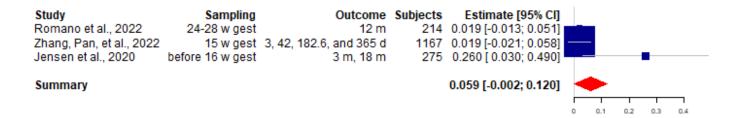


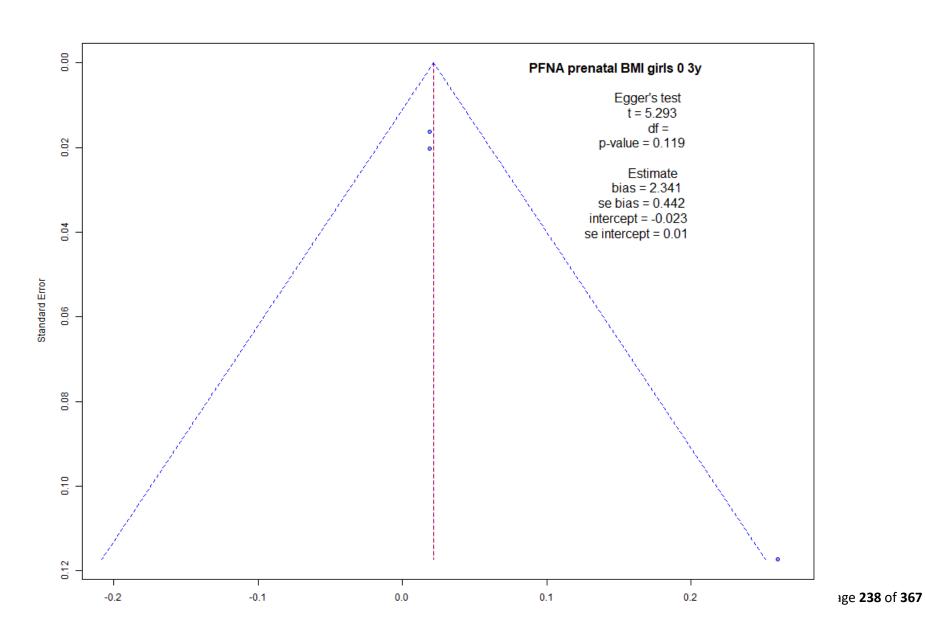
Study	Sampling	Outcome	Subj	PFNA prenatal BMI boys 4 18y	95%-CI	Weight Weight (common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	7 y 4-8 y 12 y 7.7 y 5 y 7 y	108 341 96 450 208 551	+	-0.01 [-0.07; 0.05] 0.03 [-0.13; 0.20] 2.11 [-0.11; 4.33] 0.05 [-0.20; 0.30] 0.00 [-0.01; 0.01] 0.16 [-0.05; 0.37]	1.4% 1.5% 0.2% 0.2% 0.0% 0.0% 0.1% 0.1% 98.2% 98.0% 0.1% 0.1%
Common effect model Random effects model Heterogeneity: I^2 = 17%, τ^2 < 0.00	101, p = 0.30			-4 -2 0 2 4	0.00 [-0.00; 0.01] 0.00 [-0.01; 0.01]	100.0% 100.0%





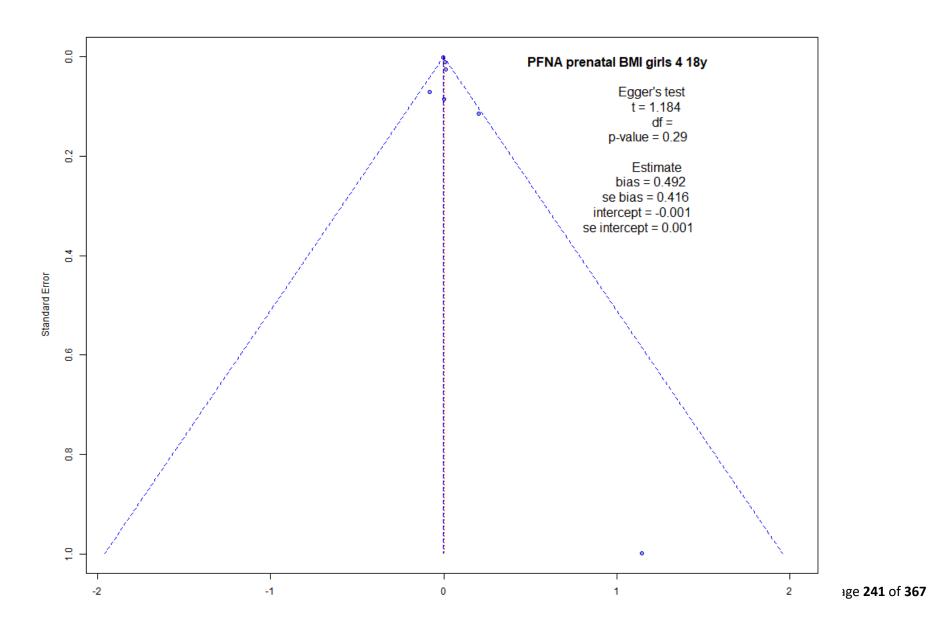
Study	Sampling		Outcome	Subj	PFNA	A prena	ıtal Bi	VII girls	0 3y		95	5%-CI	Weight (common) (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	24-28 w gest 15 w gest before 16 w gest	3, 42,	12 m 182.6, and 365 d 3 m, 18 m	214 1167 275						0.02 0.02 0.26	-0.02;	0.06]	60.2% 38.6% 1.2%	60.2% 38.7% 1.2%
Common effect model Random effects model Heterogeneity: I^2 = 52%, τ^2	< 0.0001, p = 0.12				-0.4	-0.2	0	0.2	0.4	0.02 [0.02 [-	100.0%	100.0%





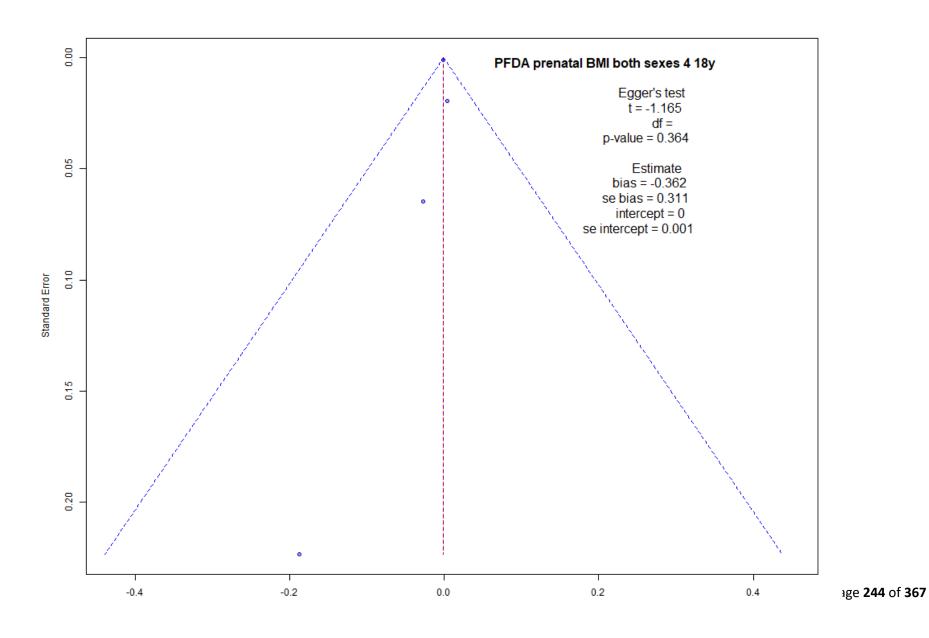
Study	Sampling	Outcome	Subj	PFNA prenatal BMI girls 4 18y	95%-CI (Weight Weig common) (randor	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	•	0.01 [-0.01; 0.03]	0.5% 1.6	3%
Bloom et al., 2022	8-13 w gest	4-8 y	320	- 	-0.08 [-0.22; 0.06]	0.0% 0.0)%
Hartman et al., 2017	15 w gest	9 y	312	+	0.01 [-0.04; 0.06]	0.1% 0.2	2%
Liu et al., 2020	del	12 y	116	-	1.14 [-0.81; 3.10]	0.0% 0.0)%
Mora et al., 2017	9.6 w gest	7.7 y	421	+-	0.20 [-0.02; 0.42]	0.0% 0.0)%
Chen et al., 2019	del	5 y	196		-0.00 [-0.00; 0.00]	99.4% 98.1	1%
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	+	0.00 [-0.17; 0.17]	0.0% 0.0)%
Common effect model					-0.00 [-0.00; 0.00]	100.0%	
Random effects model					-0.00 [-0.00; 0.00]	100.0	0%
Heterogeneity: $I^2 = 5\%$, $\tau^2 < 0.000$	11, p = 0.39						
				-3 -2 -1 0 1 2 3			

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.007 [-0.013; 0.027]	+			
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.081 [-0.219; 0.058]	-			
Hartman et al., 2017	15 w gest	9 y	312	0.011 [-0.040; 0.061]	=			
Liu et al., 2020	del	12 y	116	1.145 [-0.813; 3.103]				
Mora et al., 2017	9.6 w gest	7.7 y	421	0.200 [-0.025; 0.425]				
Chen et al., 2019	del	5 y	196	0.000 [-0.002; 0.001]				
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.000 [-0.166; 0.166]				
Summary				0.098 [-0.036; 0.231]	•			
					0	1	2	3



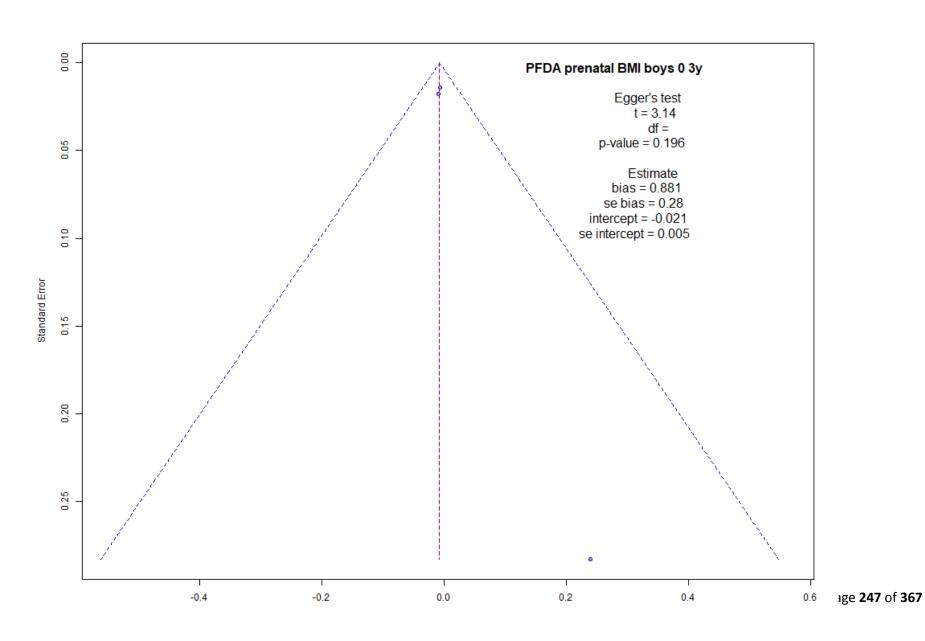
Study	Sampling	Outcome	SuBFI	OA prenatal BMI both sexes 4	18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019 Karlsen et al., 2017	within 3 d before del 8-13 w gest del 2 w after del	7 y 4-8 y 5 y 5 y	206 661 404 371	-	-0.19 -0.00	[-0.03; 0.04] [-0.63; 0.25] [-0.00; 0.00] [-0.15; 0.10]	0.3% 0.0% 99.6% 0.0%	0.3% 0.0% 99.6% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =			-(0.6 -0.4 -0.2 0 0.2 0.4 0.	-0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.004 [-0.035; 0.042]			_		
Bloom et al., 2022	8-13 w gest	4-8 y	661	-0.188 [-0.626; 0.251]					
Chen et al., 2019	del	5 y	404	-0.001 [-0.003; 0.002]			_	-	
Karlsen et al., 2017	2 w after del	5 y	371	-0.027 [-0.154; 0.099]					
Summary				-0.082 [-0.260; 0.097]					
								-	
					-0.6	40.4	-0.2	0	0.2



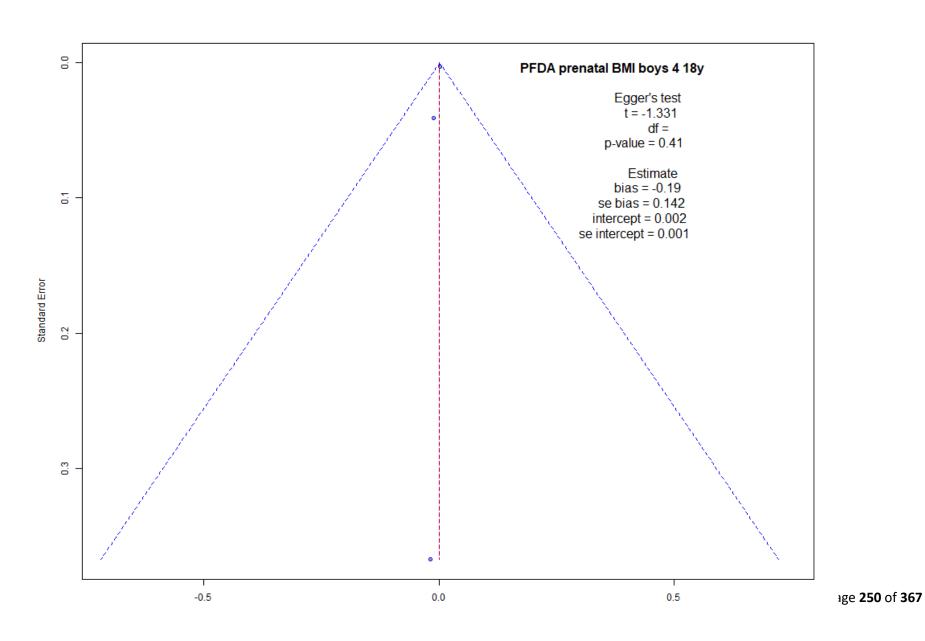
Study	Sampling	Outcome	Subj	PFDA prenatal BMI boys 0 3y		95%-CI	Weight (common)	Weight (random)
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	24-28 w gest 15 w gest before 16 w gest	12 m 3, 42, 182.6, and 365 d 3 m, 18 m	204 1228 318		-0.01	[-0.03; 0.02] [-0.04; 0.03] [-0.32; 0.80]	60.2% 39.7% 0.2%	60.2% 39.7% 0.2%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =	0, p = 0.68			-0.5 0 0.5		[-0.03; 0.01] [-0.03; 0.01]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Romano et al., 2022	24-28 w gest	12 m	204	-0.006 [-0.034; 0.022]	
Zhang, Pan, et al., 2022	15 w gest	3, 42, 182.6, and 365 d	1228	-0.009 [-0.044; 0.025]	_
Jensen et al., 2020	before 16 w gest	3 m, 18 m	318	0.240 [-0.315; 0.795]	
Summary				0.036 [-0.067; 0.140]	•
Jensen et al., 2020	_			0.240 [-0.315; 0.795]	02 0 02 04 06



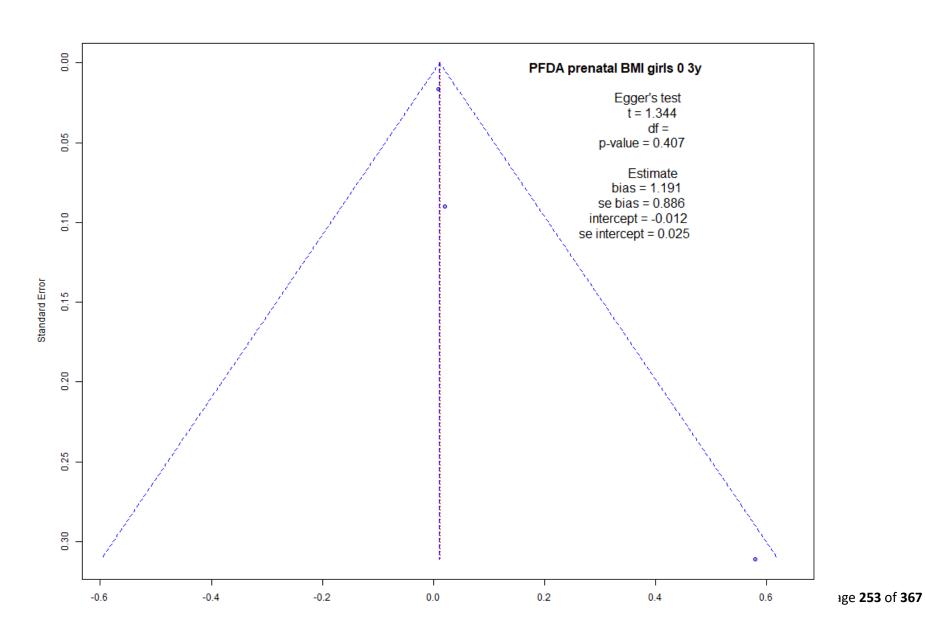
Study	Sampling	Outcome	Subj	PFDA prenatal BMI boys 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	108 341 208		-0.01 [-0.09; 0.07] -0.02 [-0.74; 0.70] 0.00 [-0.00; 0.01]	0.5% 0.0% 99.5%	0.5% 0.0% 99.5%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2				-0.6-0.4-0.2 0 0.2 0.4 0.6	0.00 [-0.00; 0.01] 0.00 [-0.00; 0.01]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.011 [-0.091; 0.069]	-
Bloom et al., 2022	8-13 w gest	4-8 y	341	-0.019 [-0.739; 0.702]	
Chen et al., 2019	del	5 y	208	0.002 [-0.004; 0.007]	
Summary				-0.011 [-0.385; 0.363]	
					05 04 02 0 02 04 05



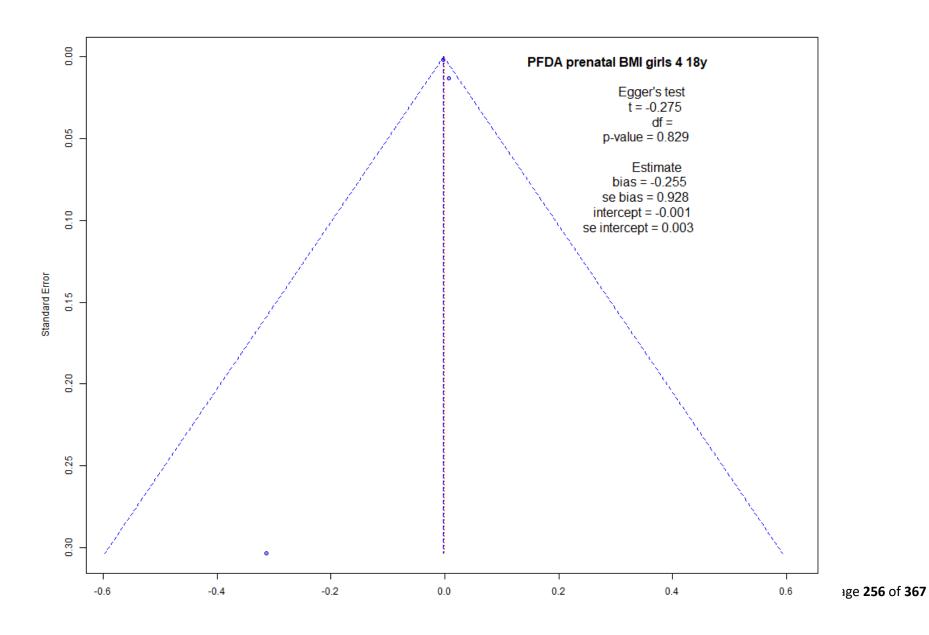
Study	Sampling	Outo	come	Subj	PFDA	A prena	tal BN	Al girls	0 3y		95	5%-CI	Weight (common)	Weight (random)	
Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	24-28 w gest 15 w gest before 16 w gest	3, 42, 182.6	? m 6, and 365 d 18 m	214 1167 275			+			0.01	[-0.16; [-0.02; [-0.03;	0.04]	3.2% 96.5% 0.3%	3.2% 96.5% 0.3%	
Common effect model Random effects model Heterogeneity: I^2 = 41%, τ^2	< 0.0001, p = 0.19				 -1	-0.5	0	0.5	7		[-0.02; [-0.02;	-	100.0% 	100.0%	

Study Romano et al., 2022 Zhang, Pan, et al., 2022 Jensen et al., 2020	Sampling 24-28 w gest 15 w gest before 16 w gest	Outcome 12 m 3, 42, 182.6, and 365 d 3 m, 18 m	214 1167	Estimate [95% CI] 0.021 [-0.156; 0.197] 0.009 [-0.023; 0.041] 0.580 [-0.030; 1.190]	E _,
Summary				0.105 [-0.044; 0.255]	0 02 04 05 08 1



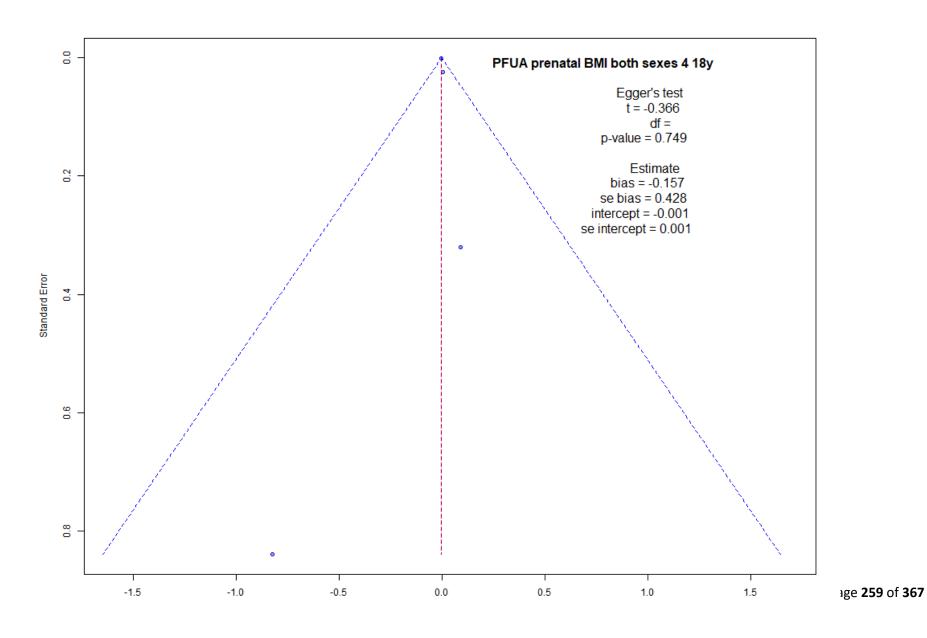
Study	Sampling	Outcome	Subj	PFDA prenatal BMI girls 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	98 320 196		0.01 [-0.02; 0.03] -0.31 [-0.91; 0.28] -0.00 [-0.01; 0.00]	0.0%	5.3% 0.0% 94.7%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2				-0.5 0 0.5	-0.00 [-0.01; 0.00] -0.00 [-0.01; 0.00]		100.0%

Study Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	 -	98 320	Estimate [95% CI] 0.007 [-0.018; 0.033] -0.313 [-0.908; 0.282] -0.002 [-0.006; 0.002]					-	
Summary			-0.163 [-0.473; 0.147]	_	-05	-04	-02	-	

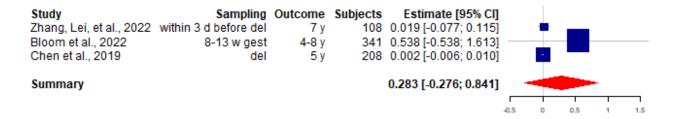


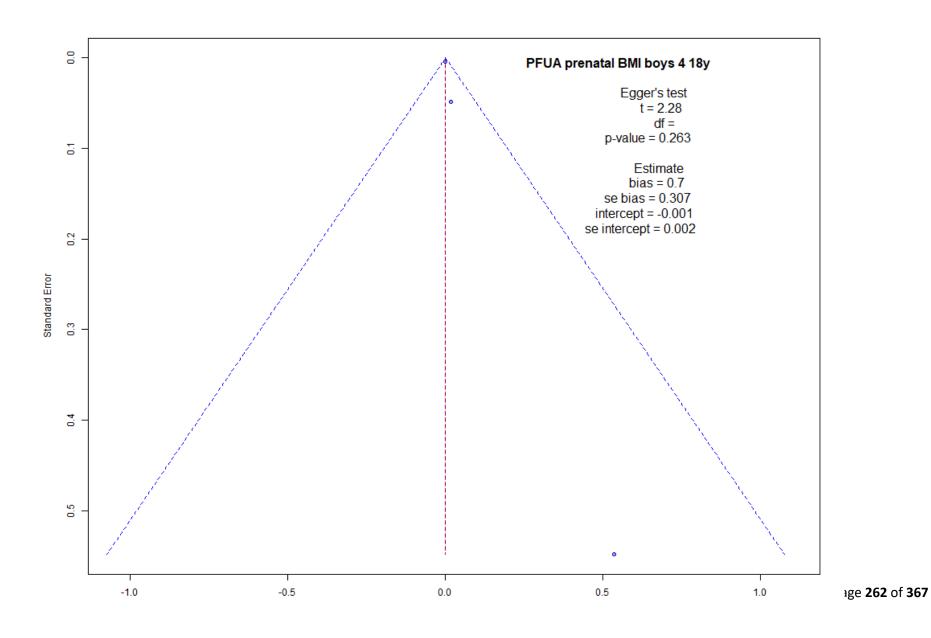
Study	Sampling	Outcome	SuBFU	JA pre	natal E	BMI bo	th sex	ces 4	18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019 Vrijheid et al., 2020	within 3 d before del 8-13 w gest del during gest	7 y 4-8 y 5 y 6-11 years	206 661 404 1301		-	•	_		0.09 -0.00	[-0.04; 0.05] [-0.54; 0.72] [-0.00; 0.00] [-2.47; 0.82]	0.5% 0.0% 99.5% 0.0%	0.5% 0.0% 99.5% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2				-2	-1	0	1			[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.005 [-0.041; 0.051]	•
Bloom et al., 2022	8-13 w gest	4-8 y	661	0.090 [-0.538; 0.717]	
Chen et al., 2019	del	5 y	404	-0.002 [-0.005; 0.002]	•
Vrijheid et al., 2020	during gest	6-11 years	1301	-0.823 [-2.469; 0.823]	
Summary				-0.393 [-1.241; 0.455]	
					
					-2 -1.5 -1 -0.5 0 0.5



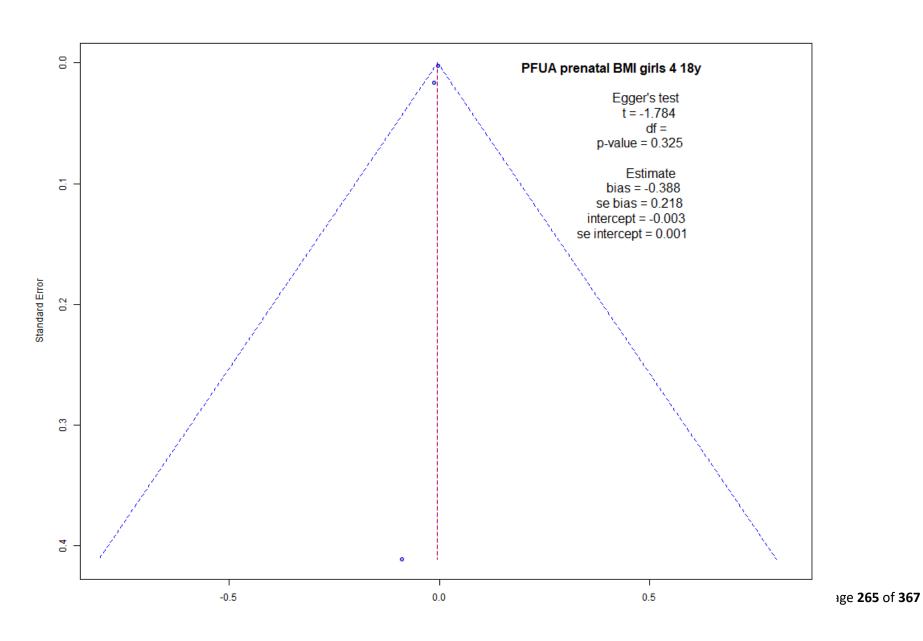
Study	Sampling	Outcome	Subj	PFUA prenatal BMI boys 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	108 341 208	+	0.02 [-0.08; 0.11] 0.54 [-0.54; 1.61] 0.00 [-0.01; 0.01]	0.0%	0.6% 0.0% 99.4%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2				-1.5 -1 -0.5 0 0.5 1 1.5	0.00 [-0.01; 0.01] 0.00 [-0.01; 0.01]	100.0%	100.0%





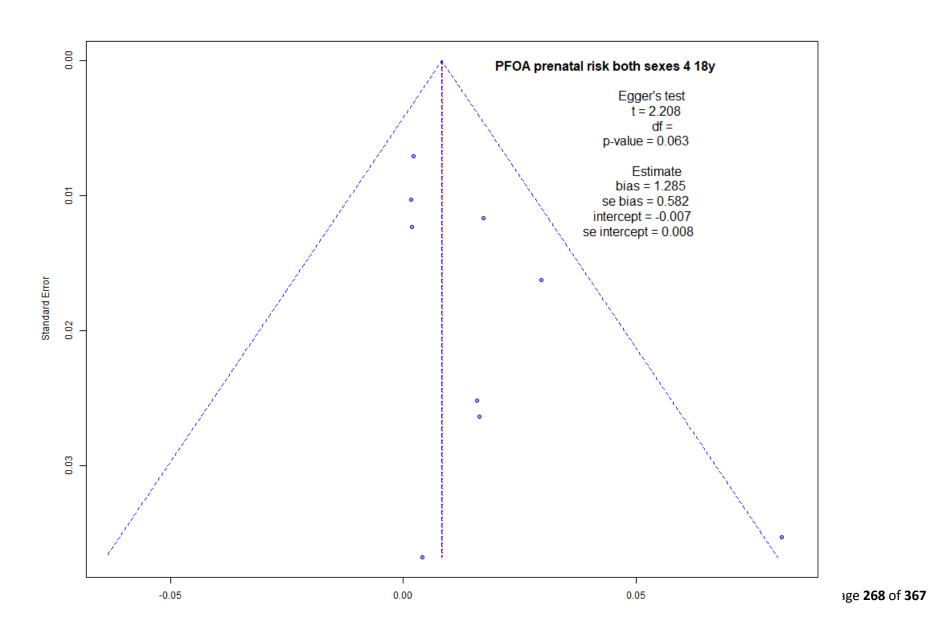
Study	Sampling	Outcome	Subj	PFUA prenatal BMI girls 4 18y	95%-CI	(common) (i	weight random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	98 320 196		-0.01 [-0.05; 0.02] -0.09 [-0.90; 0.72] -0.00 [-0.01; 0.00]	0.0%	2.7% 0.0% 97.2%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2				-0.5 0 0.5	-0.00 [-0.01; 0.00] -0.00 [-0.01; 0.00]		100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]			
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	-0.013 [-0.045; 0.019]			
Bloom et al., 2022	8-13 w gest	4-8 y	320	-0.090 [-0.896; 0.717]			
Chen et al., 2019	del	5 y	196	-0.004 [-0.010; 0.001]		1	
Summary				-0.050 [-0.470; 0.370]	-	•	_
							\neg
					-0.5	0	0.5



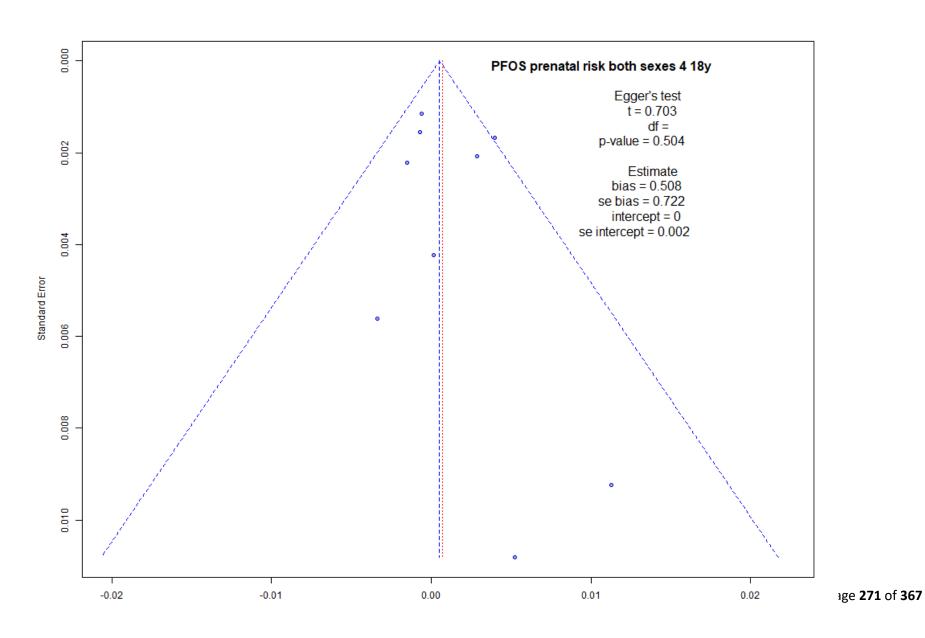
Study	Sampling	Outcome	SuBF	OA prenatal risk both sexes 4	18y	95%-CI	Weight (common)	Weight (random)
Bloom et al., 2022 Martinsson et al., 2020 Lauritzen et al., 2018 Mora et al., 2017 Braun et al., 2016 Karlsen et al., 2017 Manzano-Salgado et al., 2017 Hoyer et al., 2015 - Greenland	_	5 y 7 y 5-9 y	667 1048 412 871 204 371 1086 531		0.02 0.08 0.00 0.02 0.03 0.00 0.02	[-0.01; 0.02] [-0.04; 0.07] [0.01; 0.15] [-0.02; 0.02] [-0.01; 0.04] [-0.00; 0.06] [-0.02; 0.03] [-0.03; 0.07]	2.8% 1.5% 18.3% 14.2% 7.3% 12.7% 3.1%	38.0% 2.8% 1.6% 18.4% 14.3% 7.4% 12.8% 3.1%
Hoyer et al., 2015 - Ukraine Common effect model Random effects model Heterogeneity: $I^2 = 2\%$, $\tau^2 < 0.000$	24 ± 10 w gest 1, p = 0.41	5-9 y	491 -0.	15-0.1 -0.05 0 0.05 0.1 0.	0.01 0.01	[-0.07; 0.08] [-0.00; 0.02] [-0.00; 0.02]	1.4% 100.0% 	1.5% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Bloom et al., 2022	8-13 w gest	4-8 y	667	0.002 [-0.012; 0.016]		•			
Martinsson et al., 2020	14 w of gest	4 y	1048	0.016 [-0.035; 0.068]	_	-			
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.081 [0.012; 0.151]		-		•	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.002 [-0.018; 0.022]		-			
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.017 [-0.006; 0.040]		-			
Karlsen et al., 2017	2 w after del	5 y	371	0.030 [-0.002; 0.062]			•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.002 [-0.022; 0.026]	-	-	-		
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	0.016 [-0.034; 0.065]	_	-			
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.004 [-0.068; 0.076]		-			
Summary				0.014 [-0.001; 0.029]		•	•		
						-		-	
					-0.05	0	0.05	0.1	0.15



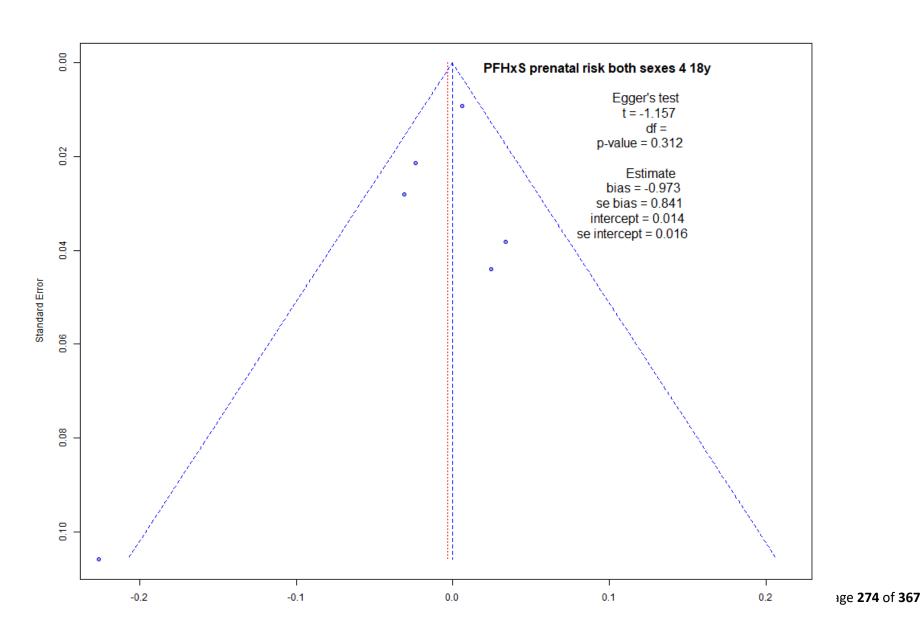
Study	Sampling	Outcome	SuBFO	S prenatal risk both sexes 4	18y	95%-CI	Weight (common)	Weight (random)
Bloom et al., 2022 Martinsson et al., 2020 Lauritzen et al., 2018 Mora et al., 2017 Braun et al., 2016 Karlsen et al., 2017 Manzano-Salgado et al., 2017 Hoyer et al., 2015 - Greenland Hoyer et al., 2015 - Ukraine	8-13 w gest 14 w of gest 17-20 w gest 9.6 w gest 16 and 26 w gest and del 2 w after del 1st tr gest 24 ± 10 w gest	4-8 y 4 y 5 y 7.7 y 8 y 5 y 7 y 5-9 y 5-9 y	667 1048 412 871 204 371 1086 531 491		0.00 - 0.01 0.00 -0.00 0.00 -0.00 -0.00	[-0.00; 0.00] [0.00; 0.01] [-0.01; 0.03] [-0.00; 0.01] [-0.00; 0.00] [-0.01; 0.01] [-0.01; 0.01] [-0.01; 0.00] [-0.02; 0.03]	36.3% 17.1% 0.6% 11.2% 20.3% 2.7% 1.5% 9.8% 0.4%	26.1% 18.2% 1.0% 14.0% 20.0% 4.5% 2.7% 12.8% 0.8%
Common effect model Random effects model Heterogeneity: I^2 = 19%, τ^2 < 0.00	01, p = 0.27			-0.02-0.01 0 0.01 0.02		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Bloom et al., 2022	8-13 w gest	4-8 y	667	-0.001 [-0.003; 0.002]	-
Martinsson et al., 2020	14 w of gest	4 y	1048	0.004 [0.001; 0.007]	-
Lauritzen et al., 2018	17-20 w gest	5 y	412	0.011 [-0.007; 0.029]	-
Mora et al., 2017	9.6 w gest	7.7 y	871	0.003 [-0.001; 0.007]	-
Braun et al., 2016	16 and 26 w gest and del	8 y	204	-0.001 [-0.004; 0.002]	-
Karlsen et al., 2017	2 w after del	5 y	371	0.000 [-0.008; 0.008]	
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.003 [-0.014; 0.008]	
Hoyer et al., 2015 - Greenland	24 ± 10 w gest	5-9 y	531	-0.002 [-0.006; 0.003]	
Hoyer et al., 2015 - Ukraine	24 ± 10 w gest	5-9 y	491	0.005 [-0.016; 0.026]	•
Summary				0.002 [-0.002; 0.005]	•
					-0.01 0 0.01 0.02



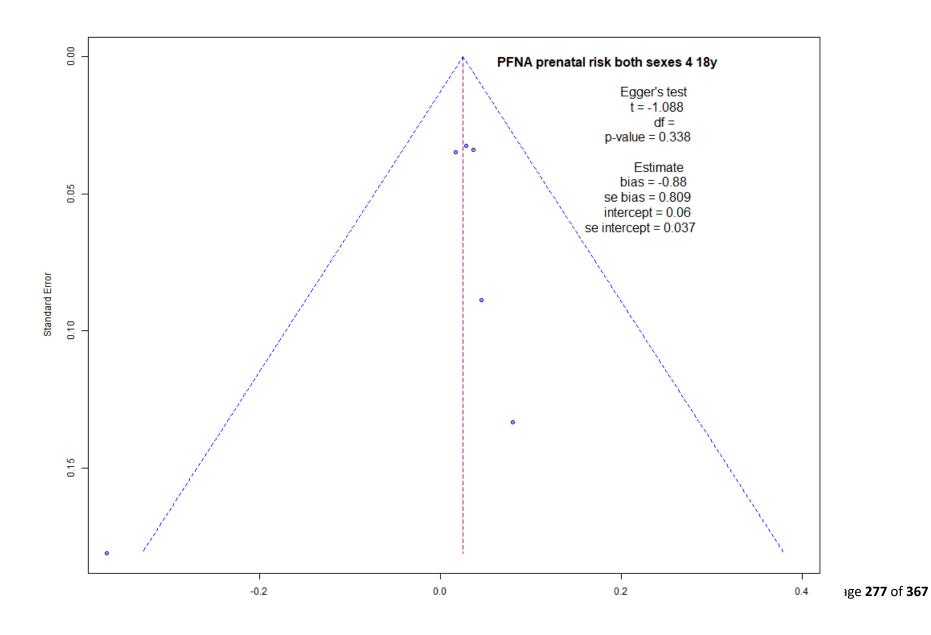
Study	Sampling	Outcome	SuRAFHXS	prenatal	risk bot	th sex	es 4 18y	95%-CI	Weight (common)	
Bloom et al., 2022 Martinsson et al., 2020 Mora et al., 2017 Braun et al., 2016 Karlsen et al., 2017 Manzano-Salgado et al., 2017	8-13 w gest 14 w of gest 9.6 w gest 16 and 26 w gest and del 2 w after del 1st tr gest	4-8 y 4 y 7.7 y 8 y 5 y 7 y	667 1048 — 871 204 371 1086				-0.23 [-0 0.01 [-0 0.03 [-0 0.02 [-0	0.07; 0.02] 0.43; -0.02] 0.01; 0.02] 0.04; 0.11] 0.06; 0.11] 0.09; 0.02]	71.7% 4.1%	18.7% 0.9% 56.7% 6.7% 5.1% 11.8%
Common effect model Random effects model Heterogeneity: I^2 = 41%, τ^2 = 0.00	01, p = 0.13		-0.4	-0.2	0	0.2	•	0.02; 0.01] 0.02; 0.02]		100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Bloom et al., 2022	8-13 w gest	4-8 y	667	-0.024 [-0.066; 0.018]				_	-	
Martinsson et al., 2020	14 w of gest	4 y	1048	-0.227 [-0.434; -0.019]					-	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.006 [-0.012; 0.024]						
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.033 [-0.041; 0.108]					-	
Karlsen et al., 2017	2 w after del	5 y	371	0.024 [-0.062; 0.111]				-	-	
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.031 [-0.086; 0.024]				_		
Summary				-0.063 [-0.120; -0.005]				•		
									-	
					-0.4	-0.3	-0.2	-0.1	0	0.1



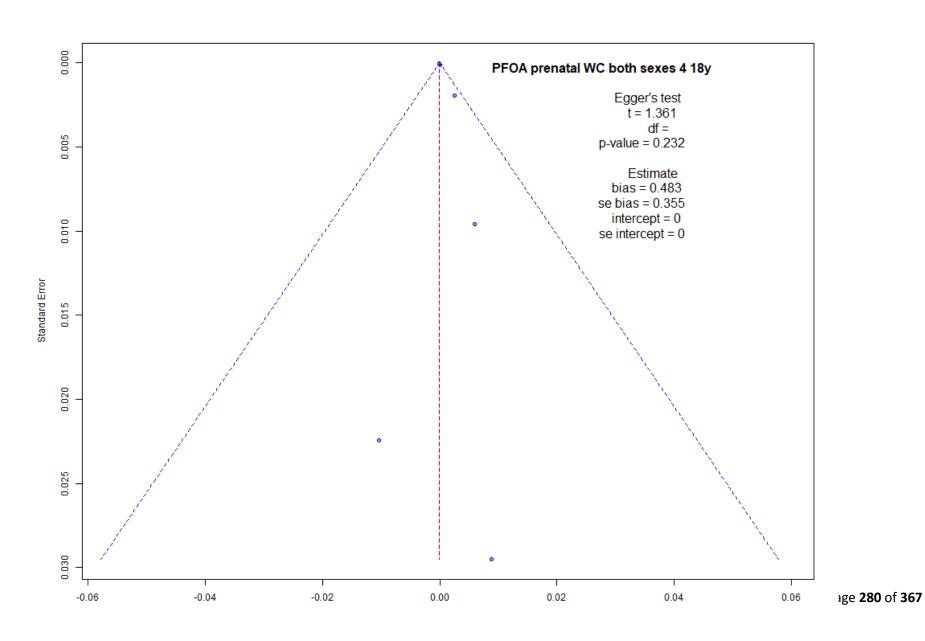
Study	Sampling	Outcome	SulDjFl	NA prenatal risk both sexes 4	18y	9	95%-CI	(common)	
Bloom et al., 2022	8-13 w gest	4-8 y	667	#	0.04	[-0.03	0.10]	30.2%	30.2%
Martinsson et al., 2020	14 w of gest	4 y	1048		-0.37	[-0.72]	-0.01]	1.1%	1.1%
Mora et al., 2017	9.6 w gest	7.7 y	871	- 	0.05	[-0.13	0.22]	4.4%	4.4%
Braun et al., 2016	16 and 26 w gest and del	8 y	204	- •	0.08	[-0.18	0.34]	2.0%	2.0%
Karlsen et al., 2017	2 w after del	5 y	371	#	0.02	[-0.05]	0.08]	28.9%	28.9%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	#	0.03	[-0.03	0.09]	33.4%	33.4%
Common effect model				į.	0.03	[-0.01	0.06]	100.0%	
Random effects model				<u> </u>	0.03	[-0.01	0.06]		100.0%
Heterogeneity: $I^2 = 2\%$, $\tau^2 < 0.000$	1. p = 0.40								
	.,,			-0.6 -0.4 -0.2 0 0.2 0.4 0.6					

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Bloom et al., 2022	8-13 w gest	4-8 y	667	0.036 [-0.030; 0.103]	-
Martinsson et al., 2020	14 w of gest	4 y	1048	-0.368 [-0.724; -0.013]	
Mora et al., 2017	9.6 w gest	7.7 y	871	0.045 [-0.128; 0.219]	— —
Braun et al., 2016	16 and 26 w gest and del	8 y	204	0.080 [-0.181; 0.341]	
Karlsen et al., 2017	2 w after del	5 y	371	0.017 [-0.051; 0.085]	-
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.028 [-0.035; 0.092]	-
Summary				-0.063 [-0.161; 0.034]	•
					-0.6 -0.4 -0.2 0 0.2



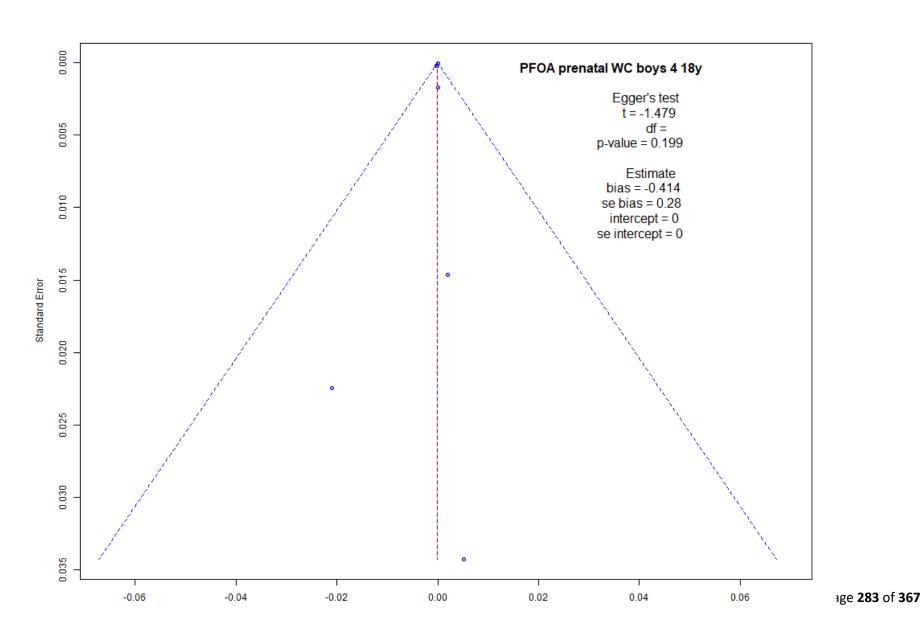
Study	Sampling	Outcome	SulejFO	A prenatal WC both sexes 4	18y	95%-CI	Weight (common)	Weight (random)
Papadopoulou et al., 2021 Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	14-39 w gest within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	6-12 y 7 y 4-8 y 12 y 7.7 y 5 y 7 y	1101 206 659 212 873 404 1086		-0.00 0.01 0.00 0.00 -0.00	[-0.05; 0.07] [-0.00; 0.00] [-0.01; 0.02] [-0.00; 0.01] [-0.00; 0.00] [-0.00; 0.00] [-0.05; 0.03]	0.0% 0.0% 7.3%	0.0% 22.9% 0.0% 0.0% 7.3% 69.8% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	0.70		-0	.06 -0.02 0 0.02 0.04 0.0	-0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	0.009 [-0.049; 0.067]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.000 [0.000; 0.000]				
Bloom et al., 2022	8-13 w gest	4-8 y	659	0.006 [-0.013; 0.025]	_	-		
Liu et al., 2020	del	12 y	212	0.003 [-0.001; 0.006]		-		
Mora et al., 2017	9.6 w gest	7.7 y	873	0.000 [0.000; 0.000]				
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]		•		
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	-0.010 [-0.054; 0.034]			_	
					_			
Summary				0.001 [-0.017; 0.018]				
						 	-	\neg
					-0.04 -0.02	0.02	0.04	0.06

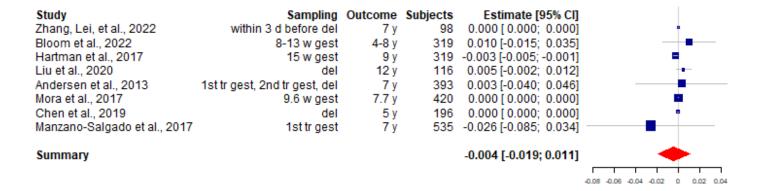


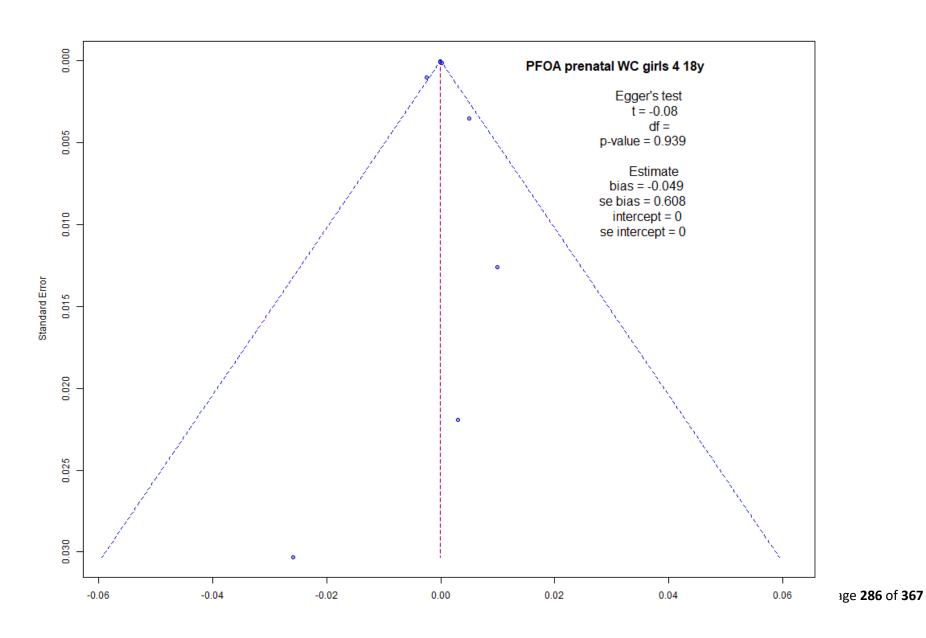
Study	Sampling	Outcome	Subj	PFOA prenatal WC boys 4 18y		95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019	within 3 d before del 8-13 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest	7.7 y	108 340 96 396 453 208		0.00 0.00 -0.02 -0.00	[-0.00; 0.00] [-0.03; 0.03] [-0.00; 0.00] [-0.06; 0.02] [-0.00; 0.00] [-0.00; 0.00]	1.6% 0.0% 0.0% 0.0% 1.3% 97.1%	14.9% 0.0% 0.3% 0.0% 12.6% 72.3%
Manzano-Salgado et al., 2017	del 1st tr gest	5 y 7 y	551	-		[-0.06; 0.07]	0.0%	0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 < 0.000$	1, p = 0.80			-0.06 -0.02 0 0.02 0.06		[-0.00; 0.00] [-0.00; 0.00]	100.0% 	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.000 [-0.001; 0.000]	<u> </u>
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.002 [-0.027; 0.031]	
Liu et al., 2020	del	12 y	96	0.000 [-0.003; 0.003]	+
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	396	-0.021 [-0.065; 0.023]	
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [-0.001; 0.000]	
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]	•
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.005 [-0.062; 0.072]	
Summary				-0.002 [-0.022; 0.017]	•
					-0.06 -0.04 -0.02 0 0.02 0.04 0.06



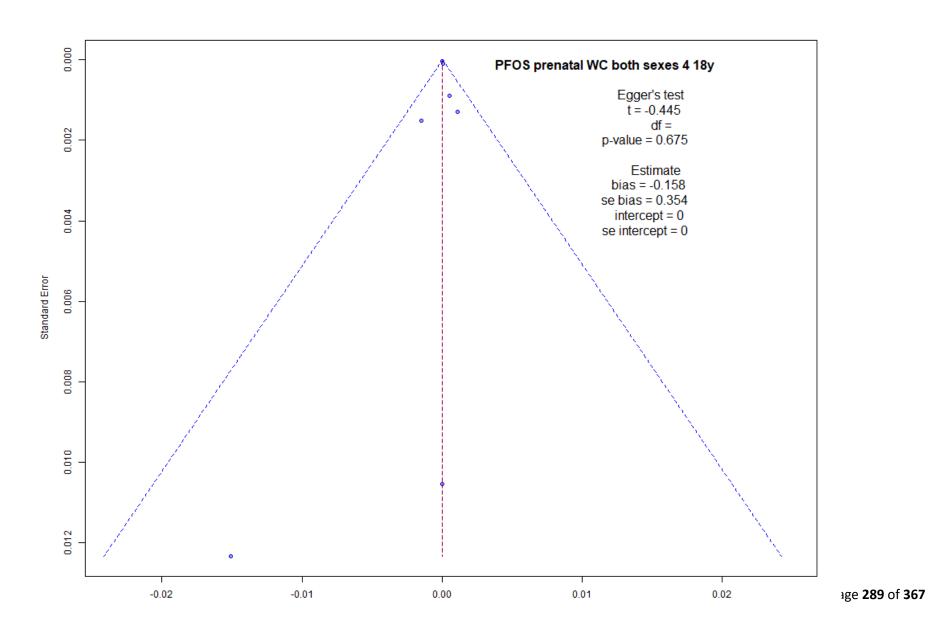
Study	Sampling	Outcome	Subj	PFOA prenatal WC girls 4 18y	95%-CI (Weight Weight (common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 5 y 7 y	98 319 319 116 393 420 196 535		-0.00 [-0.00; 0.00] 0.01 [-0.01; 0.03] -0.00 [-0.00; -0.00] 0.00 [-0.00; 0.01] 0.00 [-0.04; 0.05] 0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00] -0.03 [-0.09; 0.03]	80.8% 80.8% 0.0% 0.1% 0.1% 0.0% 0.0% 0.0% 7.7% 7.7% 11.4% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 43%, τ^2 = 0, ρ	= 0.09			-0.05 0 0.05	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0% 100.0%





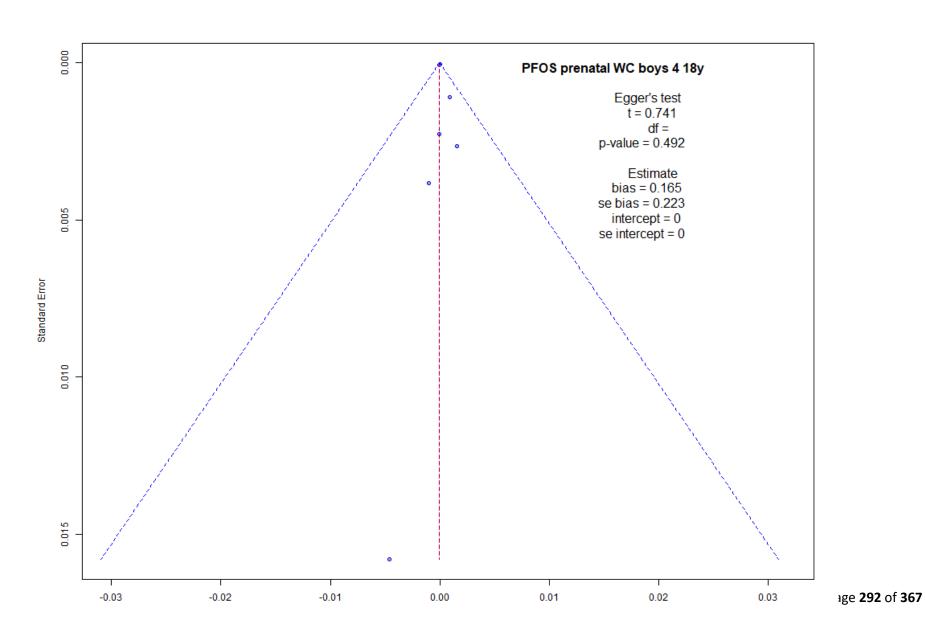
Study	Sampling	Outcome	Su D jFO	S prenatal WC both sexes	4 18y	95%-CI	Weight (common) (Weight random)
Papadopoulou et al., 2021 Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	14-39 w gest within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	6-12 y 7 y 4-8 y 12 y 7.7 y 5 y 7 y	1101 — 206 659 212 873 404 1086		0.00 -0.00 0.00 0.00 0.00	[-0.04; 0.01] [-0.00; 0.00] [-0.00; 0.00] [-0.00; 0.00] [-0.00; 0.00] [-0.00; 0.00] [-0.02; 0.02]	0.0% 0.1% 0.0% 0.0% 93.1% 6.8% 0.0%	0.0% 0.1% 0.0% 0.0% 93.1% 6.8% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 = 0, p =	: 0.75			-0.02 0 0.02		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	-0.015 [-0.039; 0.009]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	0.001 [-0.001; 0.002]	-
Bloom et al., 2022	8-13 w gest	4-8 y	659	-0.001 [-0.004; 0.001]	-
Liu et al., 2020	del	12 y	212	0.001 [-0.001; 0.004]	
Mora et al., 2017	9.6 w gest	7.7 y	873	0.000 [0.000; 0.000]	
Chen et al., 2019	del	5 y	404	0.000 [0.000; 0.000]	•
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.000 [-0.021; 0.021]	
Summary				-0.004 [-0.011; 0.004]	•
					-0.03 -0.02 -0.01 0 0.01 0.02



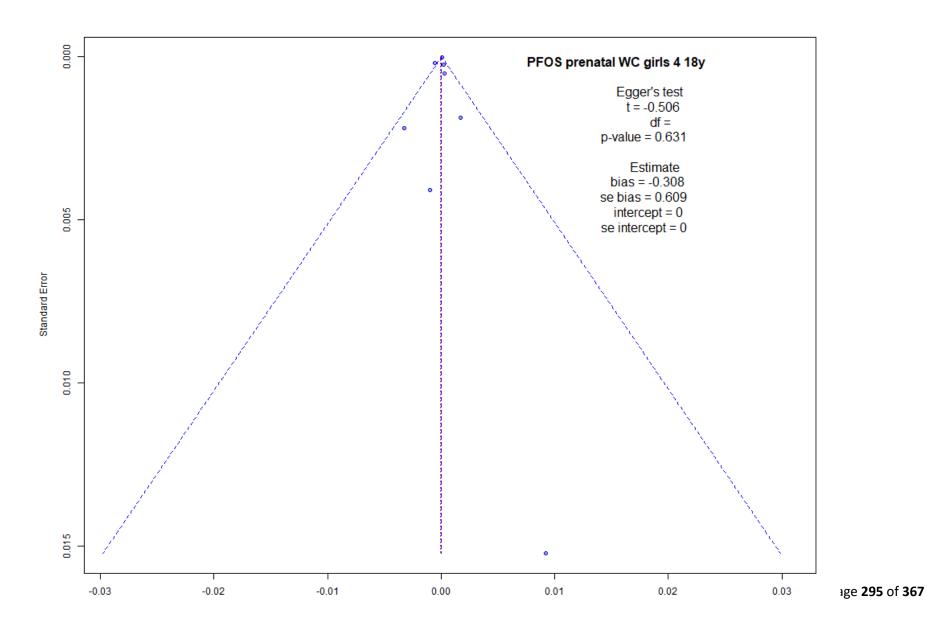
Study	Sampling	Outcome	Subj	PFOS prenatal WC boys 4 18y		95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del 1st tr gest	7 y 4-8 y 12 y 7 y 7.7 y 5 y 7 y	108 340 96 396 453 208 551		-0.00 0.00 -0.00 -0.00 -0.00	[-0.00; 0.01] [-0.00; 0.00] [-0.00; 0.00] [-0.01; 0.01] [-0.00; 0.00] [-0.00; 0.00] [-0.04; 0.03]	0.0% 0.0% 0.1% 0.0% 68.2% 31.6% 0.0%	0.0% 0.0% 0.1% 0.0% 68.2% 31.6% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	0.97	•		-0.03 -0.01 0 0.01 0.03	-0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.002 [-0.004; 0.007]	-
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.000 [-0.004; 0.004]	-
Liu et al., 2020	del	12 y	96	0.001 [-0.001; 0.003]	-
Andersen et al., 2013	1st tr gest, 2nd tr gest, del	7 y	396	-0.001 [-0.009; 0.006]	-
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [0.000; 0.000]	
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]	•
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.005 [-0.036; 0.026]	
Summary				-0.001 [-0.009; 0.007]	•
					-0.03 -0.02 -0.01 0 0.01 0.02

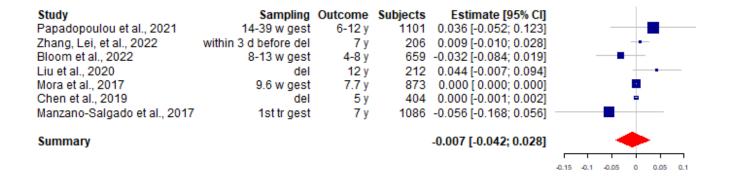


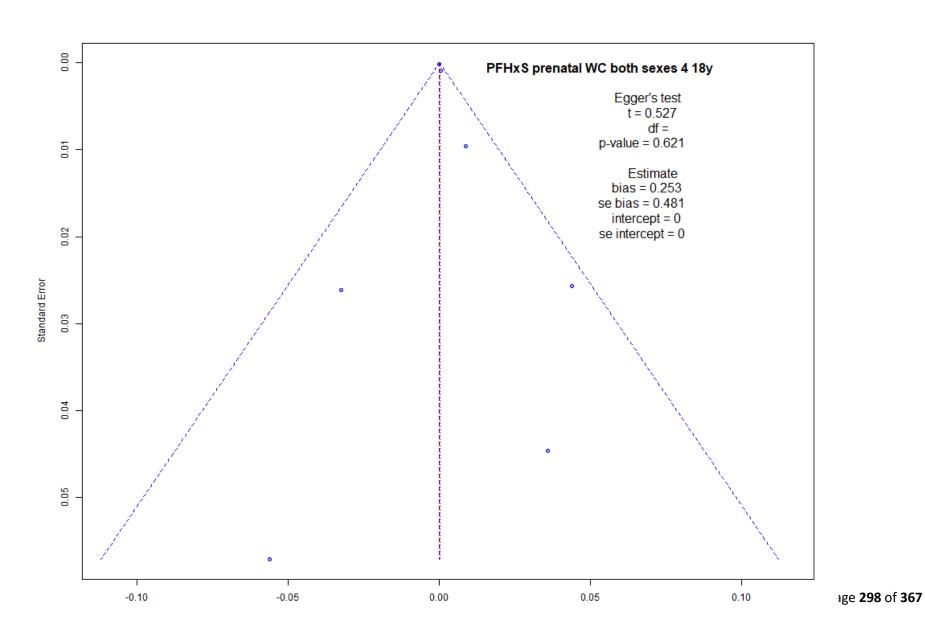
Study	Sampling	Outcome	Subj	PFOS prenatal WC girls 4 18y	95%-CI	Weight (common)	_
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Andersen et al., 2013 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7 y 7.7 y 5 y	98 319 319 116 393 420 196 535	- - -	0.00 [-0.00; 0.00] -0.00 [-0.01; 0.00] -0.00 [-0.00; -0.00] 0.00 [-0.00; 0.01] -0.00 [-0.01; 0.01] 0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00] · 0.01 [-0.02; 0.04]	0.0% 2.5% 0.0% 0.0% 95.7% 1.4%	8.9% 0.6% 27.3% 0.8% 0.2% 40.1% 22.0% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 51%, τ^2 < 0.00	101, p = 0.05			-0.02 0 0.02	0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]		100.0%

Sampling	Outcome	Subjects	Estimate [95% CI]	1
within 3 d before del	7 y	98	0.000 [-0.001; 0.001	i •
8-13 w gest	4-8 y	319	-0.003 [-0.008; 0.001]] -
15 w gest	9 y	319	-0.001 [-0.001; 0.000]] 📮
del	12 y	116	0.002 [-0.002; 0.005]] -
1st tr gest, 2nd tr gest, del	7 y	393	-0.001 [-0.009; 0.007]] —
9.6 w gest	7.7 y	420	0.000 [0.000; 0.000]] 📫
del	5 y	196	0.000 [0.000; 0.001]] †
1st tr gest	7 y	535	0.009 [-0.021; 0.039]	
			0.001 [-0.005; 0.008]	ı 🔷
				.002 .001 .0 .001 .002 .003
	within 3 d before del 8-13 w gest 15 w gest del 1st tr gest, 2nd tr gest, del 9.6 w gest del	within 3 d before del 7 y 8-13 w gest 4-8 y 15 w gest 9 y del 12 y 1st tr gest, 2nd tr gest, del 7.7 y gest 64 5 y	8-13 w gest 4-8 y 319 15 w gest 9 y 319 del 12 y 116 1st tr gest, 2nd tr gest, del 7 y 393 9.6 w gest 7.7 y 420 del 5 y 196	within 3 d before del 7 y 98 0.000 [-0.001; 0.001] 8-13 w gest 4-8 y 319 -0.003 [-0.008; 0.001] 15 w gest 9 y 319 -0.001 [-0.001; 0.000] del 12 y 116 0.002 [-0.002; 0.005] 1st tr gest, 2nd tr gest, del 7 y 393 -0.001 [-0.009; 0.007] 9.6 w gest 7.7 y 420 0.000 [0.000; 0.000] del 5 y 196 0.000 [0.000; 0.001] 1st tr gest 7 y 535 0.009 [-0.021; 0.039]



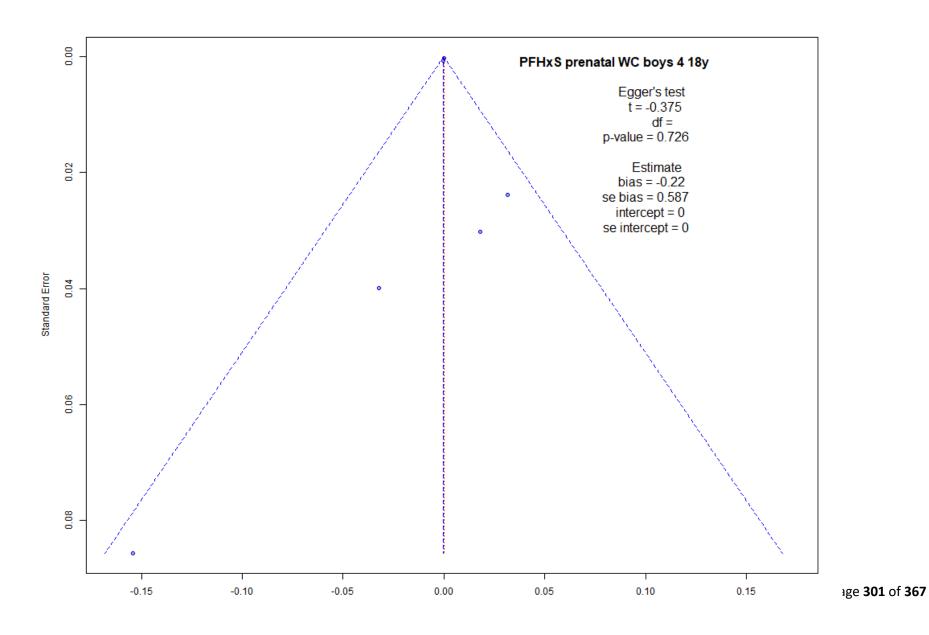
Study	Sampling	Outcome	SulDFH	lxS prenatal WC both sexes 4	18y	95%-CI (Weight common) (Weight random)
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	- -	0.04	[-0.05; 0.12]	0.0%	0.0%
Zhang, Lei, et al., 2022	within 3 d before del	7 y Î	206	+-	0.01	[-0.01; 0.03]	0.0%	0.8%
Bloom et al., 2022	8-13 w gest	4-8 y	659		-0.03	[-0.08; 0.02]	0.0%	0.1%
Liu et al., 2020	del	12 y	212	+	0.04	[-0.01; 0.09]	0.0%	0.1%
Mora et al., 2017	9.6 w gest	7.7 y	873		0.00	[-0.00; 0.00]	98.3%	60.9%
Chen et al., 2019	del	5 y	404	•	0.00	[-0.00; 0.00]	1.7%	38.0%
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086		-0.06	[-0.17; 0.06]	0.0%	0.0%
Common effect model					0.00	[-0.00; 0.00]	100.0%	
Random effects model					0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 13\%$, $\tau^2 < 0.00$	01, p = 0.33			1 1 1 1 1 1				
			_	0.15-0.1-0.05 0 0.05 0.1 0.15	5			





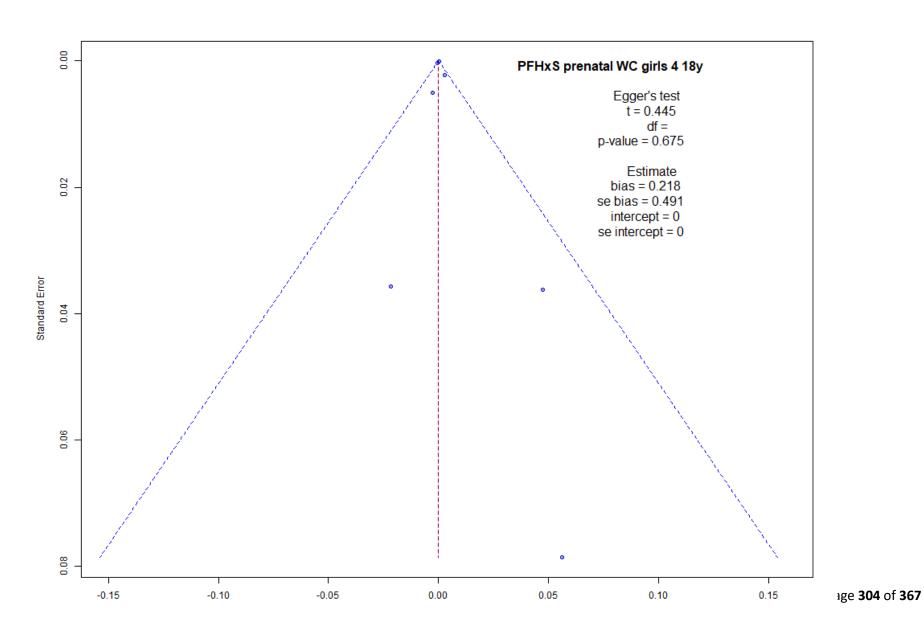
Study	Sampling	Outcome	Subj	PFHxS prenatal WC boys 4 18y		95%-CI	Weight (common)	
Zhang, Lei, et al., 2022	within 3 d before del		108	+-		[-0.04; 0.08]		0.4%
Bloom et al., 2022	8-13 w gest	4-8 y	340		-0.03	[-0.11; 0.05]	0.0%	0.3%
Liu et al., 2020	del	12 y	96	++-	0.03	[-0.02; 0.08]	0.0%	0.7%
Mora et al., 2017	9.6 w gest	7.7 y	453		-0.00	[-0.00; 0.00]	89.6%	50.2%
Chen et al., 2019	del	5 y	208	•	-0.00	[-0.00; 0.00]	10.4%	48.3%
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-	-0.15	[-0.32; 0.01]	0.0%	0.1%
Common effect model					-0.00	[-0.00; 0.00]	100.0%	
Random effects model				<u> </u>	-0.00	[-0.00; 0.00]		100.0%
Heterogeneity: $I^2 = 19\%$, $\tau^2 < 0.00$	101, p = 0.29							
	• •			-0.3 -0.2 -0.1 0 0.1 0.2 0.3				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.018 [-0.041; 0.077]			-	
Bloom et al., 2022	8-13 w gest	4-8 y	340	-0.032 [-0.110; 0.046]				
Liu et al., 2020	del	12 y	96	0.031 [-0.015; 0.078]				-
Mora et al., 2017	9.6 w gest	7.7 y	453	0.000 [-0.001; 0.000]				-
Chen et al., 2019	del	5 y	208	0.000 [-0.002; 0.001]			_	•
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	-0.154 [-0.322; 0.014]				_
Summary				-0.052 [-0.107; 0.003]				
						- 1		\neg
					-0.3	-0.2	-0.1	0



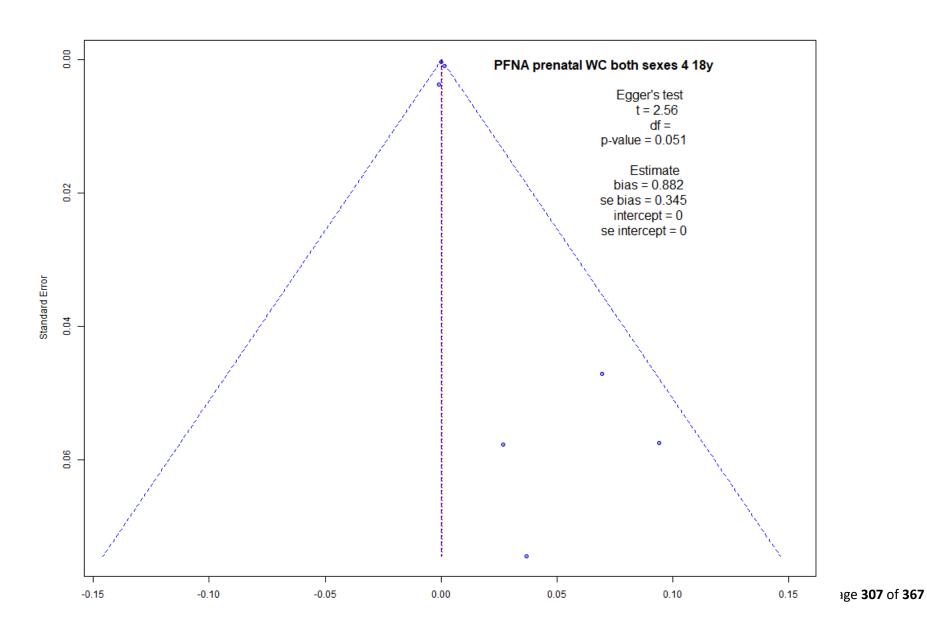
Study	Sampling	Outcome	Subj	PFHxS prenatal WC girls 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 9.6 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7.7 y 5 y 7 y	98 319 318 116 420 196 535		-0.00 [-0.01; 0.01] -0.02 [-0.09; 0.05] -0.00 [-0.00; 0.00] 0.05 [-0.02; 0.12] 0.00 [-0.00; 0.00] 0.00 [-0.00; 0.01] 0.06 [-0.10; 0.21]	0.0% 12.8% 0.0% 86.9% 0.3%	0.2% 0.0% 30.9% 0.0% 67.8% 1.1% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 6\%$, $\tau^2 < 0.000$	01, p = 0.38		_	0.2 -0.1 0 0.1 0.2	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]		100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	-0.003 [-0.012; 0.007]	•
Bloom et al., 2022	8-13 w gest	4-8 y	319	-0.022 [-0.092; 0.049]	
Hartman et al., 2017	15 w gest	9 y	318	0.000 [-0.001; 0.000]	•
Liu et al., 2020	del	12 y	116	0.047 [-0.024; 0.118]	
Mora et al., 2017	9.6 w gest	7.7 y	420	0.000 [0.000; 0.000]	
Chen et al., 2019	del	5 y	196	0.003 [-0.002; 0.007]	=
Manzano-Salgado et al., 2017	1st tr gest	7 y	535	0.056 [-0.098; 0.210]	
					_
Summary				0.014 [-0.028; 0.057]	
					-0.05 0 0.05 0.1 0.15 0.2



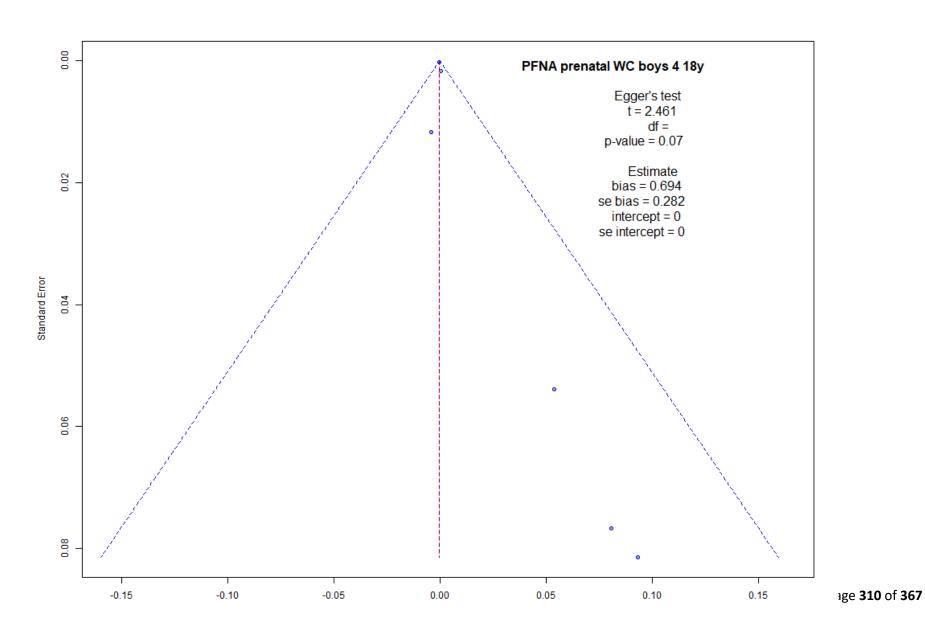
Study	Sampling	Outcome	Sulf]FNA	prenatal WC both sexes 4 1	8y	95%-CI	Weight (common)	Weight (random)
Papadopoulou et al., 2021 Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	14-39 w gest within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	6-12 y 7 y 4-8 y 12 y 7.7 y 5 y 7 y	1101 206 659 212 873 404 1086		-0.00 0.07 0.04 0.00 0.00	[-0.02; 0.21] [-0.01; 0.01] [-0.02; 0.16] [-0.11; 0.18] [-0.00; 0.00] [-0.00; 0.00] [-0.09; 0.14]	0.0% 0.0% 12.1%	0.0% 2.0% 0.0% 0.0% 24.6% 73.4% 0.0%
Common effect model Random effects model Heterogeneity: I^2 = 14%, τ^2 < 0.00	101, p = 0.33		-0.2	-0.1 0 0.1 0.2	0.00	[-0.00; 0.00] [-0.00; 0.00]	100.0%	 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						
Papadopoulou et al., 2021	14-39 w gest	6-12 y	1101	0.094 [-0.019; 0.207]		_				_
Zhang, Lei, et al., 2022	within 3 d before del	7 y	206	-0.001 [-0.008; 0.006]		•	-			
Bloom et al., 2022	8-13 w gest	4-8 y	659	0.069 [-0.023; 0.162]		_	_			
Liu et al., 2020	del	12 y	212	0.037 [-0.109; 0.183]			-			-
Mora et al., 2017	9.6 w gest	7.7 y	873	0.001 [0.000; 0.003]						
Chen et al., 2019	del	5 y	404	0.000 [-0.001; 0.001]		-				
Manzano-Salgado et al., 2017	1st tr gest	7 y	1086	0.027 [-0.086; 0.140]					_	
Summary				0.041 [0.000; 0.082]			•	•		
										\neg
					-0.1 -0	0.05 0	0.05	0.1	0.15	0.2



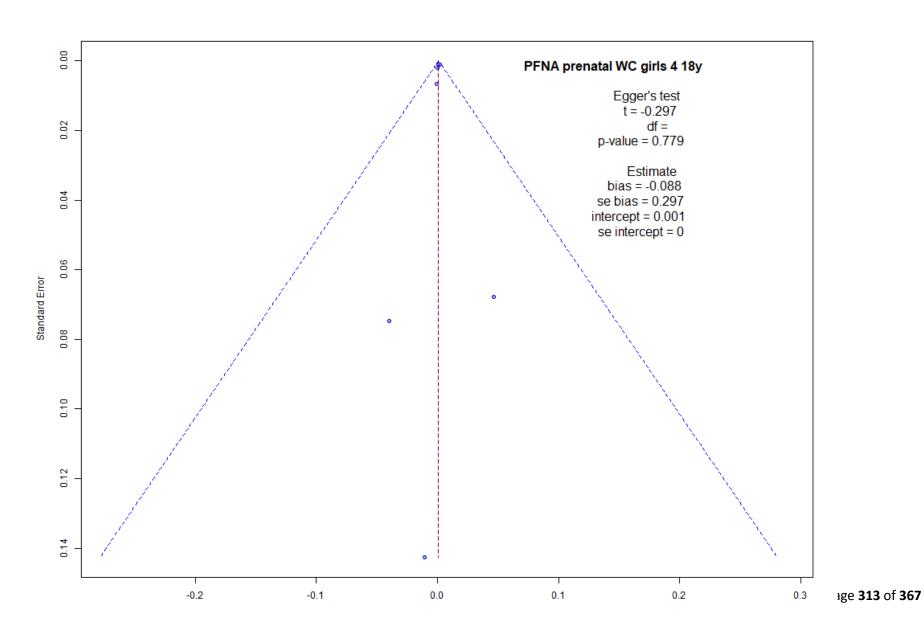
Study	Sampling	Outcome	Subj	PFNA prenatal WC boys 4 18y	95%-CI (Weight Weight common) (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest del 9.6 w gest del 1st tr gest	7 y 4-8 y 12 y 7.7 y 5 y 7 y	108 340 96 453 208 551		-0.00 [-0.03; 0.02] 0.08 [-0.07; 0.23] 0.05 [-0.05; 0.16] 0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00] 0.09 [-0.07; 0.25]	0.0% 0.0% 0.0% 0.0% 0.0% 0.0% 2.2% 2.2% 97.7% 97.7% 0.0% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	= 0.59			-0.2 -0.1 0 0.1 0.2	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]	100.0% 100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.004 [-0.027; 0.019]	-
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.081 [-0.069; 0.231]	
Liu et al., 2020	del	12 y	96	0.054 [-0.052; 0.159]	-
Mora et al., 2017	9.6 w gest	7.7 y	453	0.001 [-0.003; 0.004]	
Chen et al., 2019	del	5 y	208	0.000 [-0.001; 0.000]	<u> </u>
Manzano-Salgado et al., 2017	1st tr gest	7 y	551	0.093 [-0.067; 0.253]	
Summary				0.048 [-0.011; 0.106]	•
					-
					-0.05 0 0.05 0.1 0.15 0.2 0.25



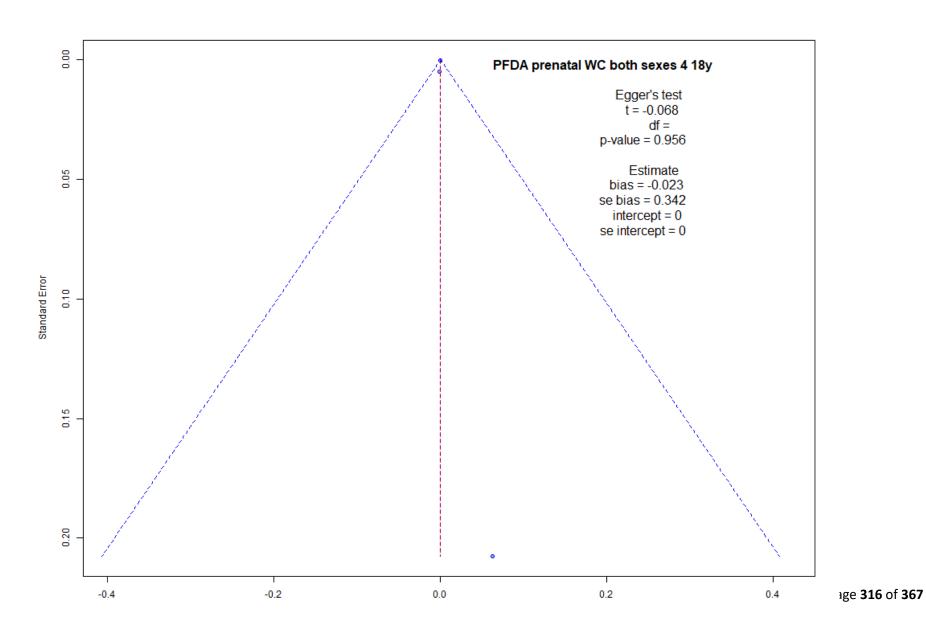
Study	Sampling	Outcome	Subj	PFNA prenatal WC girls 4 18y	95%-CI	Weight (common)	_
Zhang, Lei, et al., 2022 Bloom et al., 2022 Hartman et al., 2017 Liu et al., 2020 Mora et al., 2017 Chen et al., 2019 Manzano-Salgado et al., 2017	within 3 d before del 8-13 w gest 15 w gest del 9.6 w gest del 1st tr gest	7 y 4-8 y 9 y 12 y 7.7 y 5 y 7 y	98 319 319 116 420 196 535		-0.00 [-0.00; 0.00] 0.05 [-0.09; 0.18] -0.00 [-0.01; 0.01] -0.01 [-0.29; 0.27] 0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00] -0.04 [-0.19; 0.11]	0.0% 0.9% 0.0% 35.5% 53.6%	10.0% 0.0% 0.9% 0.0% 35.5% 53.6% 0.0%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$, $p = 0$	= 0.94			-0.2 -0.1 0 0.1 0.2	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]		100.0%

0.2
_



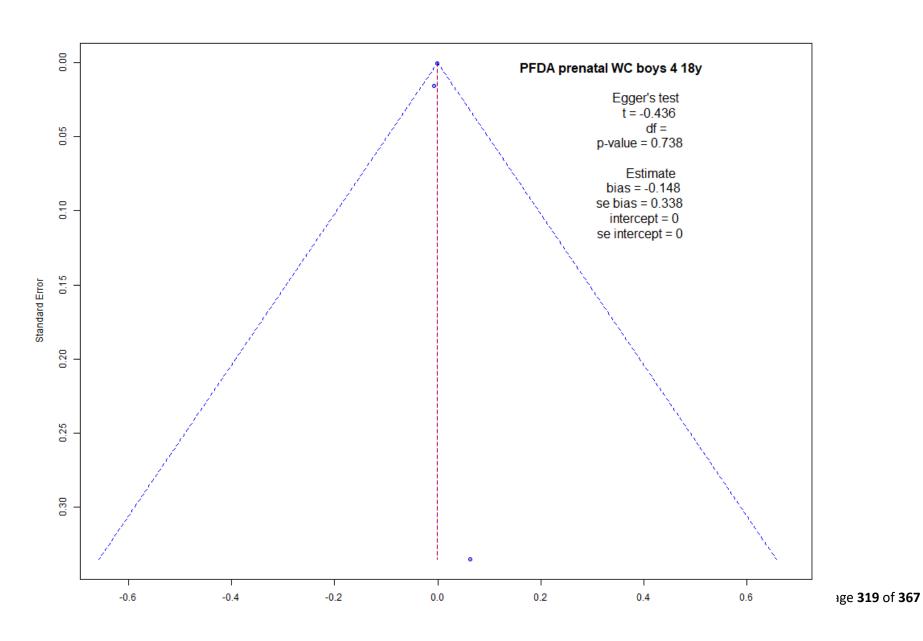
Study	Sampling	Outcome	SuBF	OA pro	enatal \	NC bo	th sex	es 4 1	8y	95%-CI	(common)	(random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	206 659 404	_		+			0.06	[-0.01; 0.01] [-0.34; 0.47] [-0.00; 0.00]	0.3% 0.0% 99.7%	0.3% 0.0% 99.7%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =	= 0, p = 0.89			-0.4	-0.2	0	0.2	0.4		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%

Study Zhang Lai et al. 2022		Outcome	•	Estimate [95% CI] -0.001 [-0.011; 0.008]	_	
Zhang, Lei, et al., 2022 Bloom et al., 2022	8-13 w gest	_		0.063 [-0.345; 0.470]		
Chen et al., 2019	del	5 y		0.000 [0.000; 0.001]		
Summary				0.032 [-0.179; 0.244]		
					40.2 0 0.2 0.4	



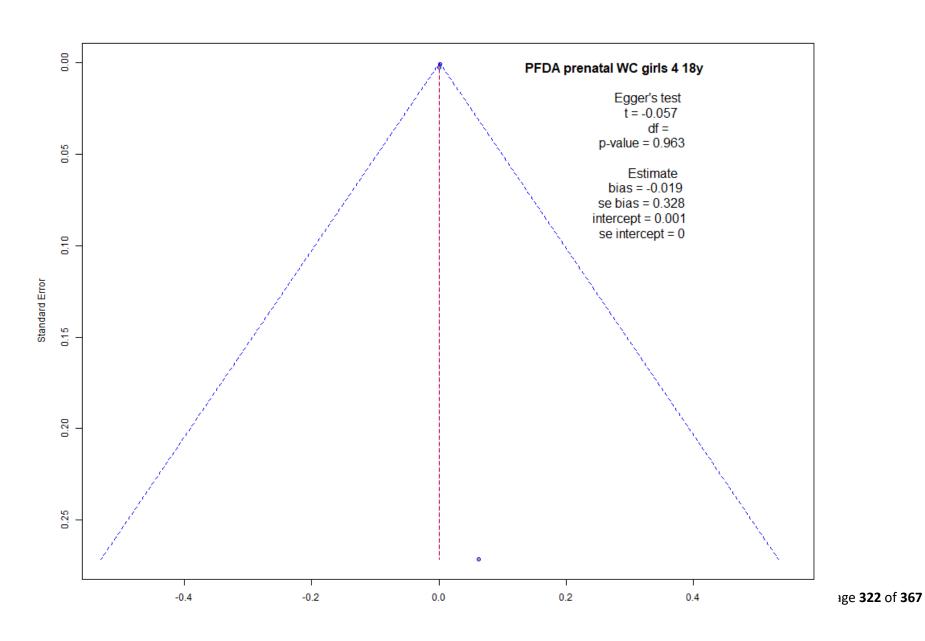
Study	Sampling	Outcome	Subj	PFDA prenatal WC boys 4 18y	95%-CI	(common) (r	weight andom)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	108 340 208	-	-0.01 [-0.04; 0.02] 0.06 [-0.60; 0.72] -0.00 [-0.00; 0.00]	0.0%	0.0% 0.0% 100.0%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2 =				-0.6 -0.4 -0.2 0 0.2 0.4 0.6	-0.00 [-0.00; 0.00] -0.00 [-0.00; 0.00]		100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	-0.008 [-0.038; 0.023]	=_
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.063 [-0.595; 0.720]	
Chen et al., 2019	del	5 y	208	0.000 [0.000; 0.000]	
Summary				0.031 [-0.310; 0.372]	
					04 02 0 02 04 06

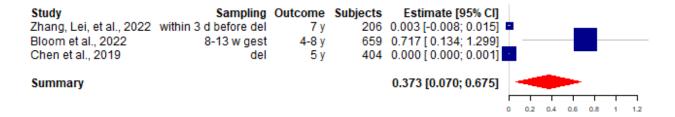


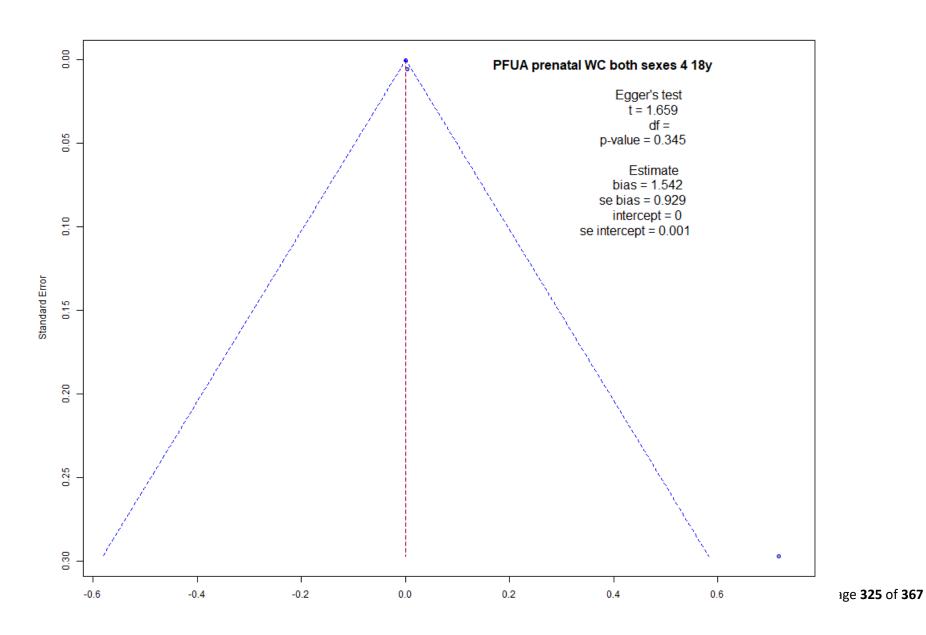
Study	Sampling	Outcome	Subj	PFDA prenatal WC girls 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	98 319 196	-	0.00 [-0.00; 0.01] - 0.06 [-0.47; 0.60] 0.00 [-0.00; 0.00]	0.0%	5.1% 0.0% 94.9%
Common effect model Random effects model Heterogeneity: I^2 = 0%, τ^2				-0.4 -0.2 0 0.2 0.4	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]		100.0%

Study Zhang, Lei, et al., 2022		Outcome 7 v	•	Estimate [95% CI] 0.000 [-0.005; 0.005]				
Bloom et al., 2022	8-13 w gest	4-8 y	319	0.063 [-0.470; 0.595]				_
Chen et al., 2019	del	5 y		0.001 [0.000; 0.002]				
Summary				0.033 [-0.244; 0.310]	-04	 1	0.3	



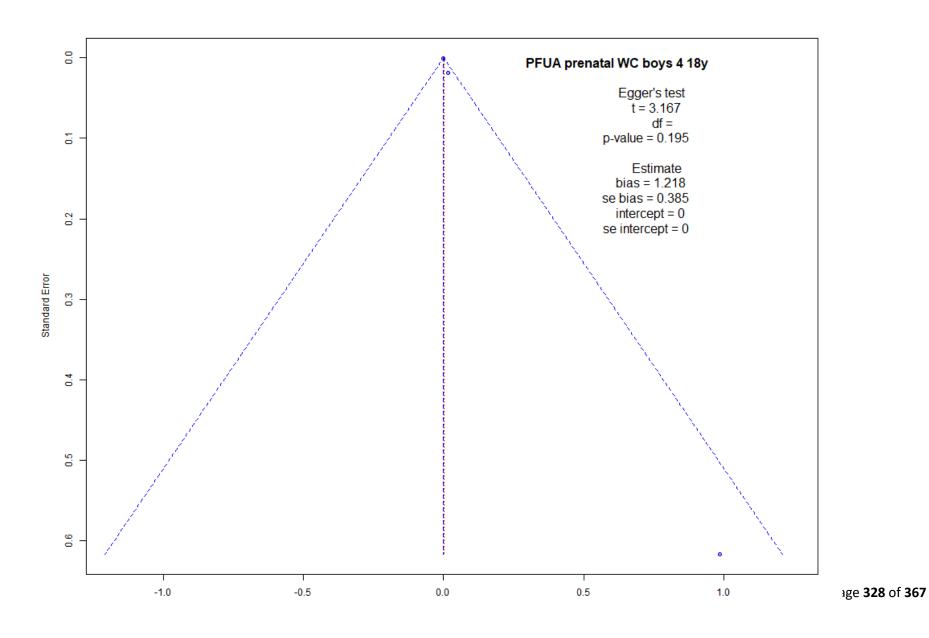
Study	Sampling	Outcome	SuBFL	JA pre	enatal \	NC b	oth sex	xes 4	18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	206 659 404			-			0.72	[-0.01; 0.01] [0.13; 1.30] [-0.00; 0.00]	0.4% 0.0% 99.6%	1.7% 0.0% 98.3%
Common effect model Random effects model Heterogeneity: I^2 = 67%, τ^2				г -1	-0.5	0	0.5	 1		[-0.00; 0.00] [-0.00; 0.00]	100.0%	100.0%





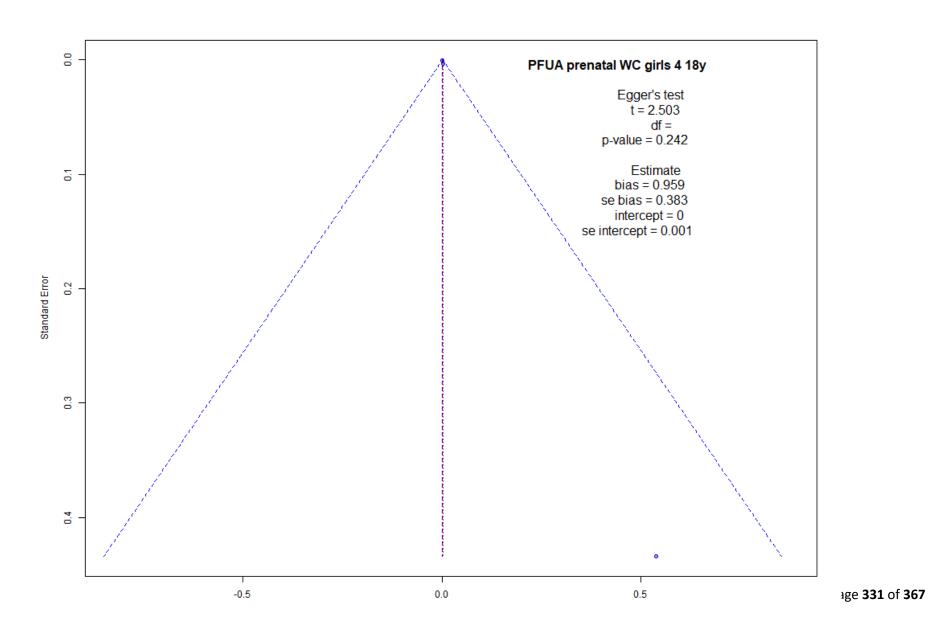
Study	Sampling	Outcome	Subj	PFUA prenatal W C	boys 4 18y	95%-CI	(common) ((random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	108 340 208	•		0.02 [-0.02; 0.05] - 0.99 [-0.22; 2.19] -0.00 [-0.00; 0.00]	0.0% 0.0% 100.0%	1.6% 0.0% 98.4%
Common effect model Random effects model Heterogeneity: I^2 = 38%, τ^2				-2 -1 0	1 2	-0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]					
Zhang, Lei, et al., 2022	within 3 d before del	7 y	108	0.015 [-0.021; 0.051]					
Bloom et al., 2022	8-13 w gest	4-8 y	340	0.985 [-0.224; 2.195]	\pm				
Chen et al., 2019	del	5 y	208	0.000 [-0.001; 0.000]	1				
Summary				0.513 [-0.114; 1.140]	-		-		
									\neg
					0	0.5	1	1.5	2



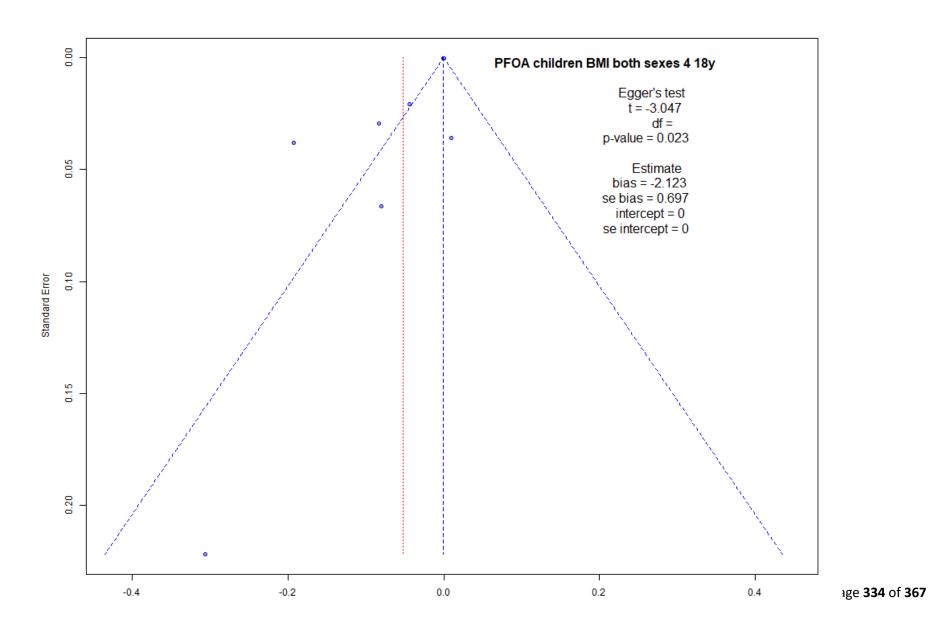
Study	Sampling	Outcome	Subj	PFUA prenatal WC girls 4 18y	95%-CI	Weight (common)	Weight (random)
Zhang, Lei, et al., 2022 Bloom et al., 2022 Chen et al., 2019	within 3 d before del 8-13 w gest del	7 y 4-8 y 5 y	98 319 196	-	0.00 [-0.00; 0.01] 0.54 [-0.31; 1.39] 0.00 [-0.00; 0.00]	0.0%	18.9% 0.0% 81.1%
Common effect model Random effects model Heterogeneity: $I^2 = 0\%$, τ^2				-1 -0.5 0 0.5 1	0.00 [-0.00; 0.00] 0.00 [-0.00; 0.00]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Zhang, Lei, et al., 2022	within 3 d before del	7 y	98	0.002 [-0.004; 0.009]	•
Bloom et al., 2022	8-13 w gest	4-8 y	319	0.538 [-0.314; 1.389]	
Chen et al., 2019	del	5 y	196	0.001 [0.000; 0.003]	•
Summary				0.281 [-0.162; 0.723]	
					0 0.5 1



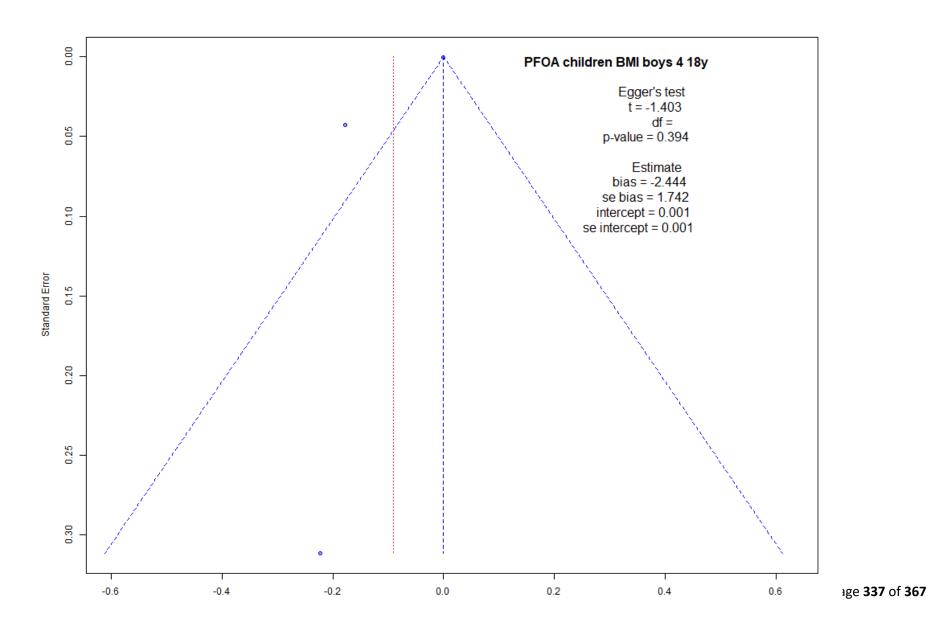
Study	Sampling	Outcome	SulDjF	OA children BMI both sexes 4	18y	95%-CI	(common)	Weight (random)
Canova et al., 2021 Scinicariello et al., 2020	14-19 y 3-11 y	14-19 y 3-11 y	6669 600			[-0.00; 0.00] [-0.21; 0.05]	28.2% 0.0%	17.4% 8.2%
Sevelsted et al., 2022 Liu et al., 2020	6 - 18 m 12 y	10 y 12 y	440 182			[-0.06; 0.08] [-0.74; 0.13]	0.0% 0.0%	13.1% 1.3%
Timmermann et al., 2014	8-10 y	8-10 y	414		0.00	[-0.00; 0.00]	71.7%	17.4%
Karlsen et al., 2017 Schillemans et al., 2023	5 y 12-18 years old	5 y 12-18 years old	349 1912	-		[-0.08; -0.00] [-0.14; -0.03]	0.0% 0.0%	15.7% 14.3%
Vrijheid et al., 2020	6-11 years	6-11 years	1301		-0.19	[-0.27; -0.12]	0.0%	12.7%
Common effect model						[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 84\%$, $\tau^2 =$	0.0040, p < 0.01				-0.05	[-0.10; -0.00]		100.0%
				-0.6-0.4-0.2 0 0.2 0.4 0.6				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	6669	-0.001 [-0.001; 0.000]	
Scinicariello et al., 2020	3-11 y	3-11 y	600	-0.080 [-0.210; 0.050]	
Sevelsted et al., 2022	6 - 18 m	10 y	440	0.010 [-0.060; 0.080]	-
Liu et al., 2020	12 y	12 y	182	-0.306 [-0.741; 0.129]	•
Timmermann et al., 2014	8-10 y	8-10 y	414	0.000 [0.000; 0.001]	•
Karlsen et al., 2017	5 y	5 y	349	-0.044 [-0.085; -0.003]	-
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	-0.083 [-0.141; -0.026]	-
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.193 [-0.267; -0.118]	-
Summary				-0.045 [-0.060; -0.029]	•
					-0.6 -0.4 -0.2 0



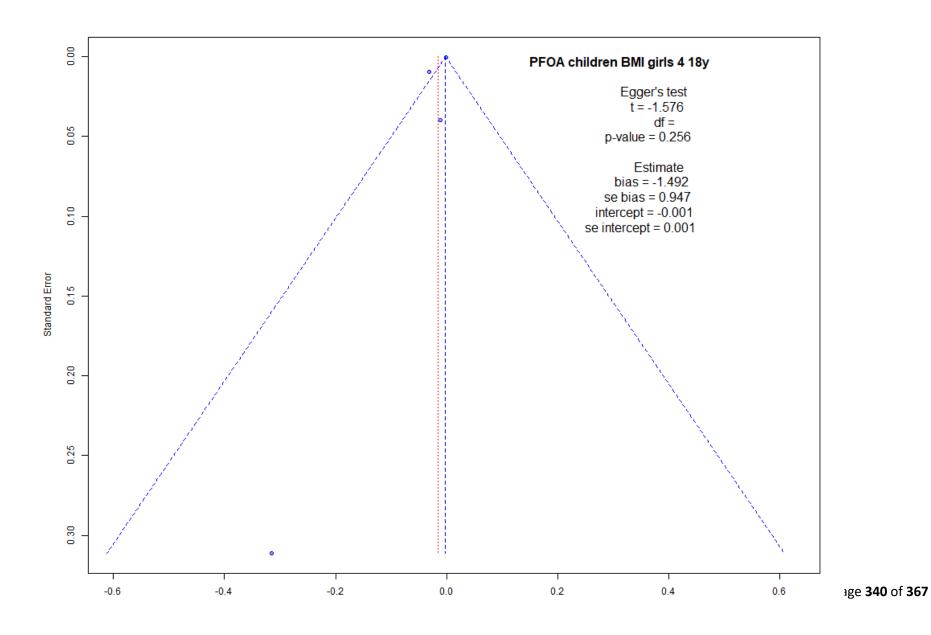
Study	Sampling	Outcome	Subj	PFOA children BMI boys 4 18y		95%-CI	(common)	(random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3411 85 915		-0.22	[-0.00; 0.00] [-0.83; 0.39] [-0.26; -0.09]	0.0%	50.1% 5.9% 44.0%
Common effect model Random effects model Heterogeneity: I^2 = 89%, τ^2	= 0.0129, p < 0.01			-0.5 0 0.5		[-0.00; 0.00] [-0.25; 0.07]		100.0%

Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3411 85	Estimate [95% CI] 0.000 [-0.001; 0.001] -0.222 [-0.833; 0.389] -0.177 [-0.261; -0.094]				
Summary				-0.041 [-0.228; 0.146]	-0.6	-0.4	-0.2	0.2



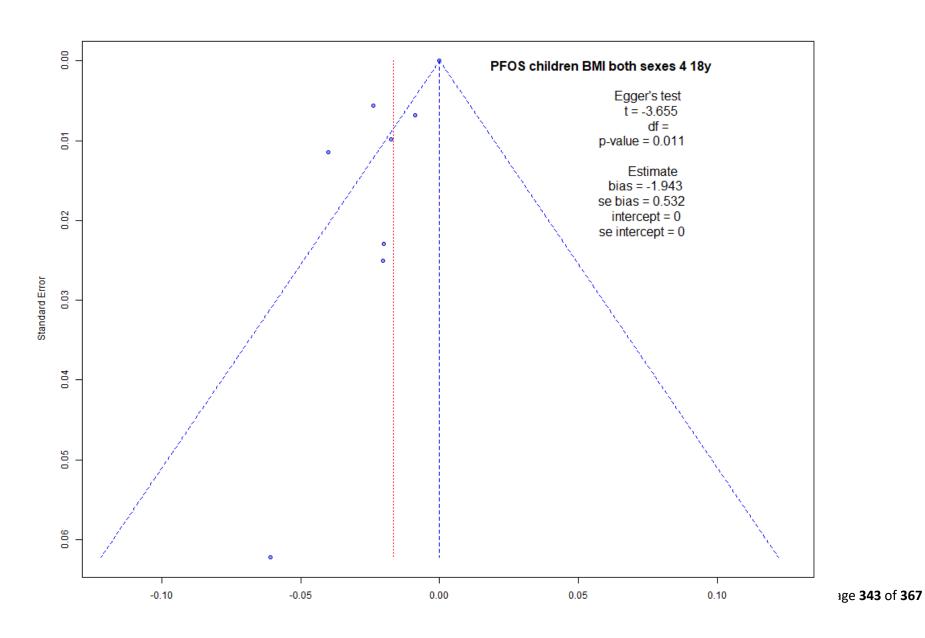
Study	Sampling	Outcome	Subj	PFOA children BMI girls 4 18y		95%-CI	(common)	(random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023 Pinney et al., 2019	14-19 y 12 y 12-18 years old 6-8 y	14-19 y 12 y 12-18 years old 6-8 y	3258 97 997 667		-0.32 -0.01	[-0.00; -0.00] [-0.93; 0.29] [-0.09; 0.07] [-0.05; -0.01]	0.0% 0.0%	51.1% 0.2% 8.6% 40.2%
Common effect model Random effects model Heterogeneity: I^2 = 74%, τ^2 :	= 0.0003, p < 0.01			-0.5 0 0.5		[-0.00; -0.00] [-0.04; 0.01]		100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]						1
Canova et al., 2021	14-19 y	14-19 y	3258	-0.002 [-0.003; -0.001]						
Liu et al., 2020	12 y	12 y	97	-0.316 [-0.926; 0.295]			-			
Schillemans et al., 2023	12-18 years old	12-18 years old	997	-0.010 [-0.089; 0.068]					•	
Pinney et al., 2019	6-8 y	6-8 y	667	-0.032 [-0.050; -0.013]					=	
Summary				-0.013 [-0.046; 0.019]					٠	
							1			\neg
					-0.8	-0.6	-0.4	-0.2	0	0.2



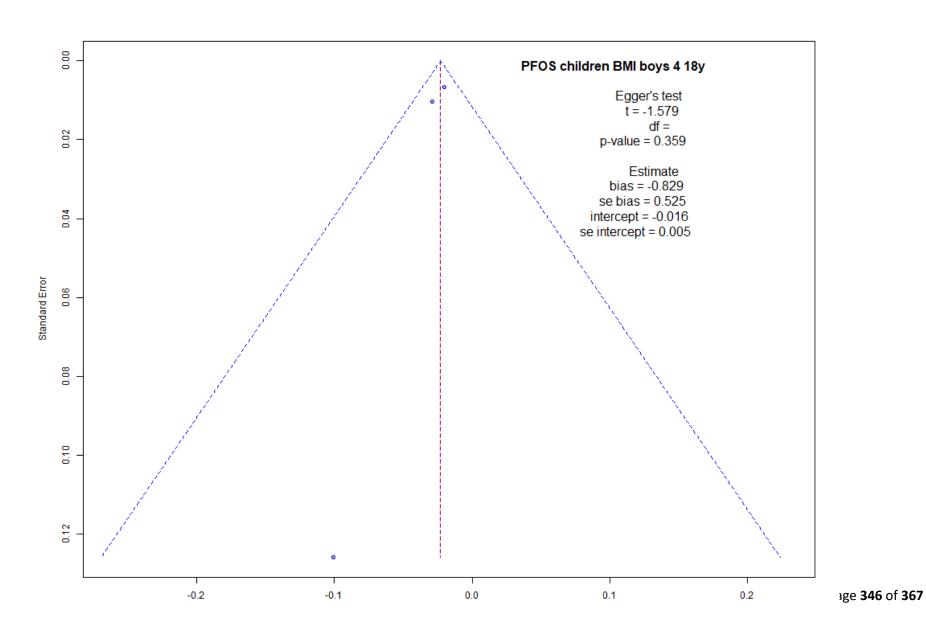
Study	Sampling	Outcome	SulDjF	OS children BMI both sexes 4	18y	95%-CI	Weight (common)	Weight (random)
Canova et al., 2021	14-19 y	14-19 y	6669	- 		[-0.03; -0.01]	0.0%	19.8%
Scinicariello et al., 2020	3-11 y	3-11 y	600	- ! 	-0.02	[-0.07; 0.03]	0.0%	4.6%
Sevelsted et al., 2022	6 - 18 m	10 y	440	- † -	-0.02	[-0.06; 0.02]	0.0%	5.3%
Liu et al., 2020	12 y	12 y	182		-0.06	[-0.18; 0.06]	0.0%	0.9%
Timmermann et al., 2014	8-10 y	8-10 y	414		0.00	[-0.00; 0.00]	100.0%	24.0%
Karlsen et al., 2017	5 y	5 y	349	- (-0.02	[-0.04; 0.00]	0.0%	14.5%
Schillemans et al., 2023	12-18 years old	12-18 years old	1912	+++	-0.01	[-0.02; 0.00]	0.0%	18.2%
Vrijheid et al., 2020	6-11 years	6-11 years	1301		-0.04	[-0.06; -0.02]	0.0%	12.7%
Common effect model					0.00	[-0.00; 0.00]	100.0%	
Random effects model Heterogeneity: $I^2 = 82\%$, $\tau^2 =$	0.0001 n < 0.01	0.0001 p < 0.01		<u> </u>	-0.02	[-0.03; -0.00]		100.0%
neterogenery. 7 = 0276, t =	0.0001, p < 0.01			-0.15 -0.05 0 0.05 0.1 0.15				

Sampling	Outcome	Subjects	Estimate [95% CI]	
14-19 y	14-19 y	6669	-0.024 [-0.035; -0.013]	_
3-11 y	3-11 y	600	-0.021 [-0.070; 0.029]	
6 - 18 m	10 y	440	-0.020 [-0.065; 0.025]	-
12 y	12 y	182	-0.061 [-0.183; 0.061]	•
8-10 y	8-10 y	414	0.000 [0.000; 0.000]	<u> </u>
5 y	5 y	349	-0.018 [-0.037; 0.002]	-
12-18 years old	12-18 years old	1912	-0.009 [-0.022; 0.004]	-
6-11 years	6-11 years	1301	-0.040 [-0.063; -0.018]	
			-0.023 [-0.041; -0.004]	•
				015 01 005 0 005
	14-19 y 3-11 y 6 - 18 m 12 y 8-10 y 5 y 12-18 years old	14-19 y 14-19 y 3-11 y 3-11 y 3-11 y 6 - 18 m 10 y 12 y 12 y 8-10 y 5 y 5 y 12-18 years old	14-19 y 14-19 y 6669 3-11 y 3-11 y 600 6 - 18 m 10 y 440 12 y 12 y 182 8-10 y 8-10 y 414 5 y 5 y 349 12-18 years old 12-18 years old 1912	14-19 y 14-19 y 6669 -0.024 [-0.035; -0.013] 3-11 y 3-11 y 600 -0.021 [-0.070; 0.029] 6 - 18 m 10 y 440 -0.020 [-0.065; 0.025] 12 y 12 y 182 -0.061 [-0.183; 0.061] 8-10 y 8-10 y 414 0.000 [0.000; 0.000] 5 y 5 y 349 -0.018 [-0.037; 0.002] 12-18 years old 12-18 years old 1912 -0.009 [-0.022; 0.004] 6-11 years 6-11 years 1301 -0.040 [-0.063; -0.018]



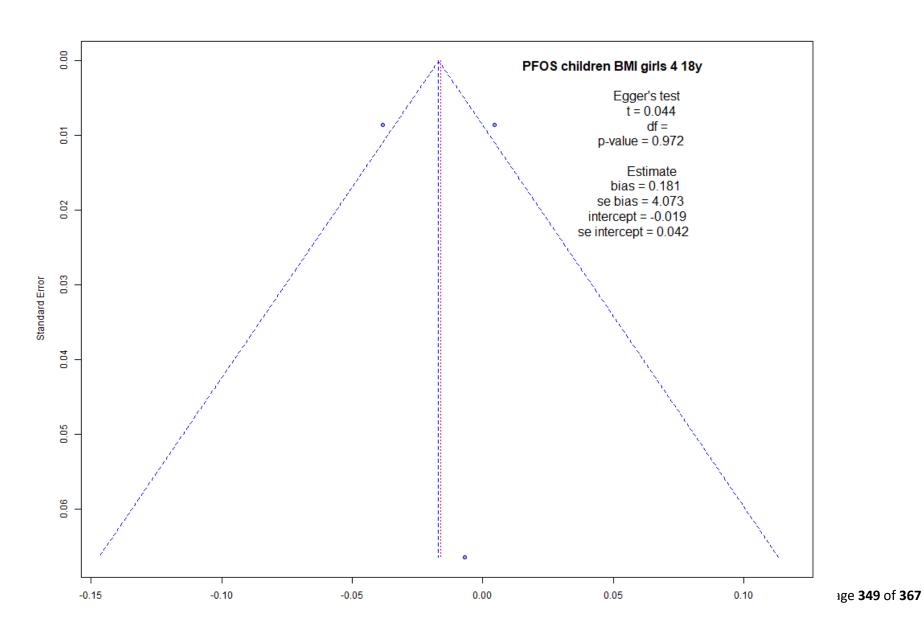
Study	Sampling	Outcome	Subj	PFOS children BMI boys 4 18y	95%-CI (Weight common) (r	Weight andom)
Canova et al., 2021	14-19 y	14-19 y	3411		-0.02 [-0.03; -0.01]	70.3%	70.3%
Liu et al., 2020	12 y	12 y	85	- 	-0.10 [-0.35; 0.15]	0.2%	0.2%
Schillemans et al., 2023	12-18 years old	12-18 years old	915	=	-0.03 [-0.05; -0.01]	29.5%	29.5%
Common effect model				♦	-0.02 [-0.03; -0.01]	100.0%	
Random effects model				*	-0.02 [-0.03; -0.01]		100.0%
Heterogeneity: $I^2 = 0\%$, $\tau^2 = 0$	p = 0.63				- '		
				-0.3 -0.2 -0.1 0 0.1 0.2 0.3			

Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3411 85	Estimate [95% CI] -0.020 [-0.033; -0.007] -0.101 [-0.348; 0.146] -0.029 [-0.049; -0.009]				<u> </u>	
Summary				-0.024 [-0.035; -0.012]	-0.3	-0.2	-0.1	•	0.1



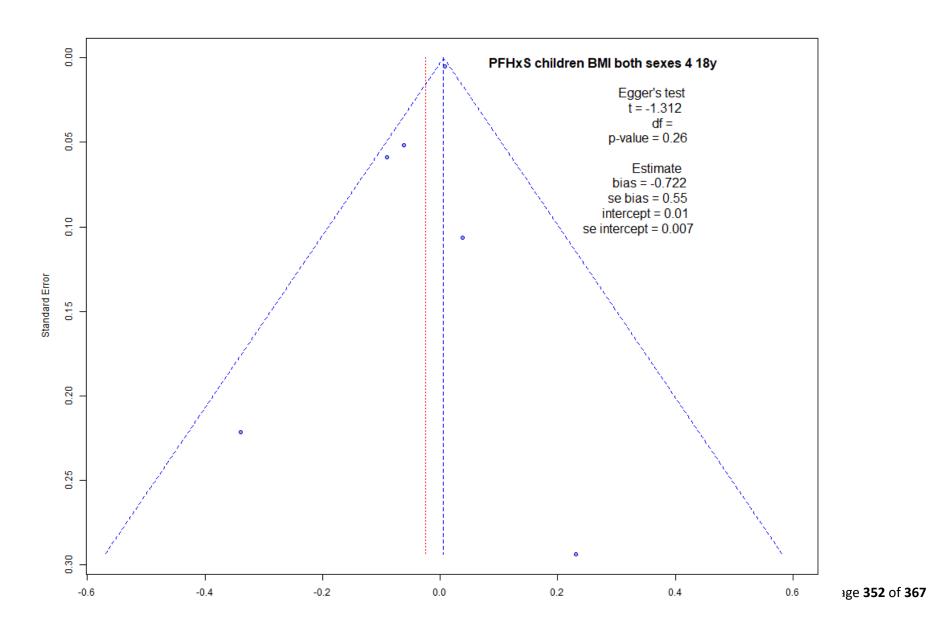
Study	Sampling	Outcome	Subj	PFOS children BMI girls 4 18y	95%-CI (Weight Weight common) (random)
Canova et al., 2021 Liu et al., 2020	14-19 y 12 v	14-19 y 12 v	3258 97	-	-0.04 [-0.06; -0.02] -0.01 [-0.14; 0.12]	49.7% 46.5% 0.8% 6.9%
Schillemans et al., 2023				+	0.00 [-0.01; 0.02]	49.5% 46.5%
Common effect model Random effects model Heterogeneity: $I^2 = 84\%$, $\tau^2 =$	0.0007, p < 0.01				-0.02 [-0.03; -0.01] -0.02 [-0.05; 0.02]	100.0% 100.0%
				-0.1 -0.05 0 0.05 0.1		

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	3258	-0.038 [-0.055; -0.022]	
Liu et al., 2020	12 y	12 y	97	-0.007 [-0.137; 0.123]	
Schillemans et al., 2023	12-18 years old	12-18 years old	997	0.004 [-0.012; 0.021]	-
Summary				-0.028 [-0.072; 0.016]	•
					-0.1 -0.05 0 0.05 0.1



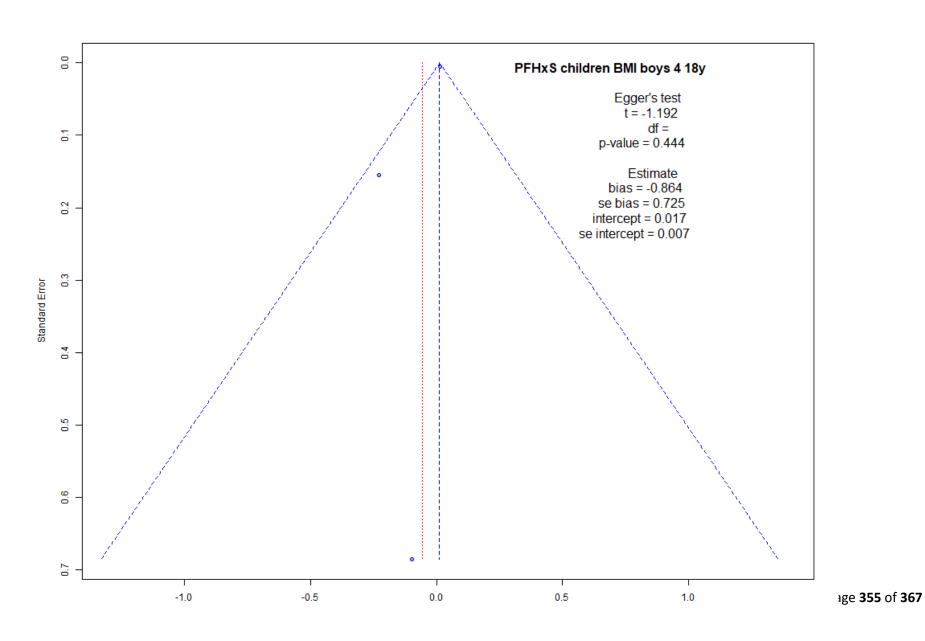
Study	Sampling	Outcome	Sulling	kS childre	n BMI bot	th sexes 4	4 18y	95%-CI (Weight common) (Weight random)
Canova et al., 2021 Scinicariello et al., 2020 Liu et al., 2020 Karlsen et al., 2017 Schillemans et al., 2023 Vrijheid et al., 2020	14-19 y 3-11 y 12 y 5 y 12-18 years old 6-11 years	14-19 y 3-11 y 12 y 5 y 12-18 years old 6-11 years	6669 600 182 349 1626 1301	_		-	-0.06 0.23 -0.09 0.04	[-0.00; 0.02] [-0.16; 0.04] [-0.35; 0.81] [-0.21; 0.02] [-0.17; 0.25] [-0.77; 0.09]	98.1% 0.9% 0.0% 0.7% 0.2% 0.1%	54.1% 20.0% 1.0% 16.8% 6.5% 1.7%
Common effect model Random effects model Heterogeneity: I^2 = 35%, τ^2 =	0.0015, p = 0.18			-0.5	0	0.5		[-0.00; 0.02] [-0.08; 0.03]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]				
Canova et al., 2021	14-19 y	14-19 y	6669	0.007 [-0.002; 0.017]		-		
Scinicariello et al., 2020	3-11 y	3-11 y	600	-0.062 [-0.163; 0.039]				
Liu et al., 2020	12 y	12 y	182	0.230 [-0.346; 0.806]				_
Karlsen et al., 2017	5 y	5 y	349	-0.091 [-0.206; 0.024]				
Schillemans et al., 2023	12-18 years old	12-18 years old	1626	0.038 [-0.171; 0.247]		_		
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.340 [-0.774; 0.094]				
Summary				-0.033 [-0.116; 0.049]		•		
							\neg	
					-0.5	0	0.5	



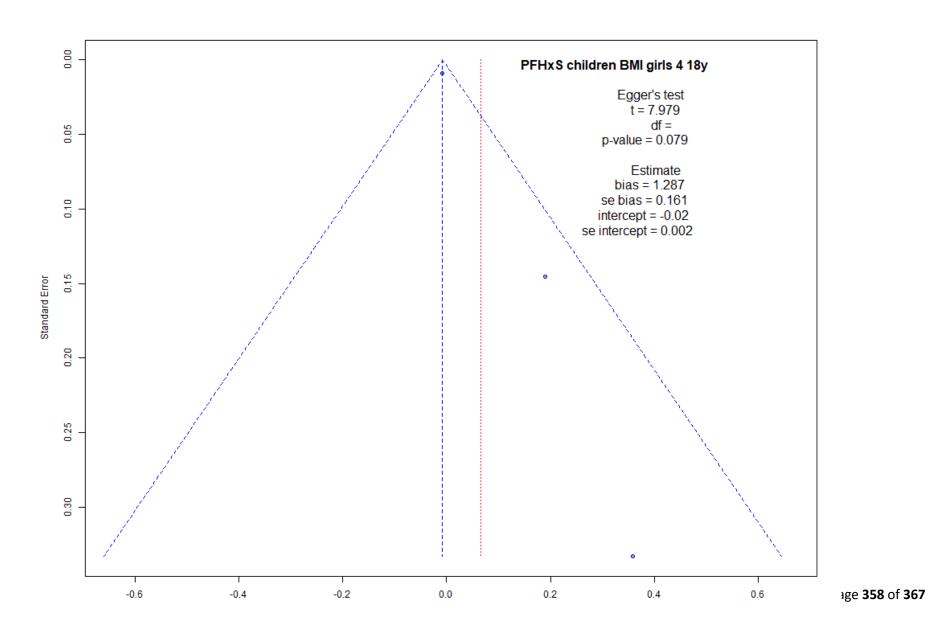
Study	Sampling	Outcome	Subj P	PFHxS	childre	en Bl	MI boy	s 4 18	y	95%-CI	Weight (common) (Weight (random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3411 85 - 778						-0.10	[0.00; 0.02] [-1.44; 1.25] [-0.53; 0.08]	99.9% 0.0% 0.1%	70.7% 2.2% 27.1%
Common effect model Random effects model Heterogeneity: I^2 = 18%, τ^2 =	= 0.0148, p = 0.30			 -1	-0.5	0	0.5	¬ 1		[0.00; 0.02] [-0.26; 0.15]	100.0%	100.0%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Canova et al., 2021	14-19 y	14-19 y	3411	0.013 [0.002; 0.023]	
Liu et al., 2020	12 y	12 y	85	-0.096 [-1.440; 1.248]	
Schillemans et al., 2023	12-18 years old	12-18 years old	778	-0.228 [-0.531; 0.076]	
Summary				-0.033 [-0.162; 0.096]	•
					4 05 0 05 4



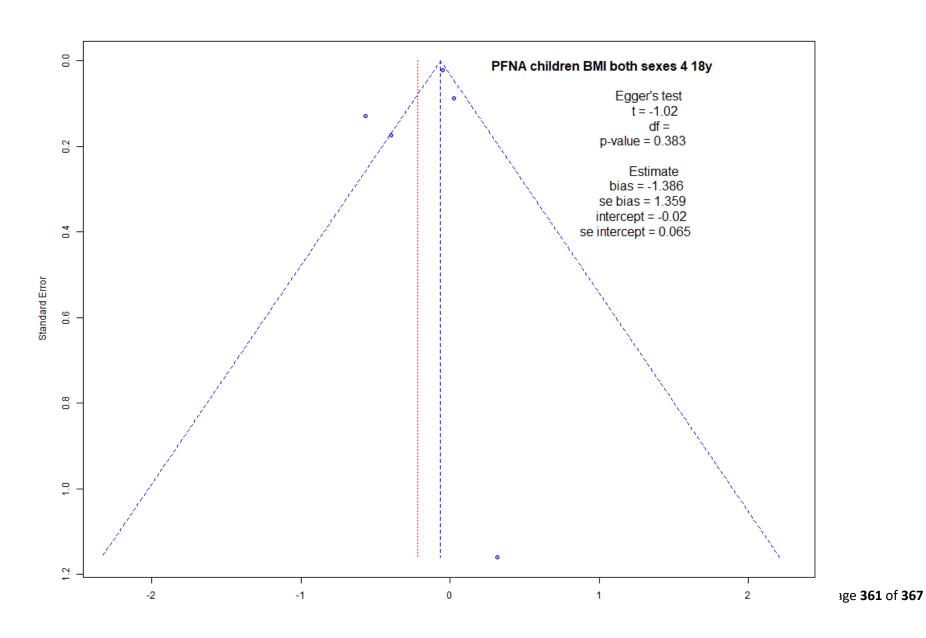
Study	Sampling	Outcome	Subj	PFHxS child	ren BN	11 girls 4	18y		9	5%-CI	(common)	(random)
Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	14-19 y 12 y 12-18 years old	14-19 y 12 y 12-18 years old	3258 97 848	-			— 0.	36	-0.03; -0.29; -0.09;	1.01]	0.1%	67.9% 6.9% 25.3%
Common effect model Random effects model Heterogeneity: I^2 = 35%, τ^2 :	= 0.0124, p = 0.22			1 -0.5	4	0.5			-0.02; -0.11;	-		100.0%

Study Canova et al., 2021 Liu et al., 2020 Schillemans et al., 2023	Sampling 14-19 y 12 y 12-18 years old	Outcome 14-19 y 12 y 12-18 years old	3258 97	Estimate [95% CI] -0.009 [-0.026; 0.009] 0.358 [-0.294; 1.011] 0.190 [-0.095; 0.475]		-		<u>.</u>		
Summary				0.040 [-0.125; 0.205]	_	•	_		 0.8	_

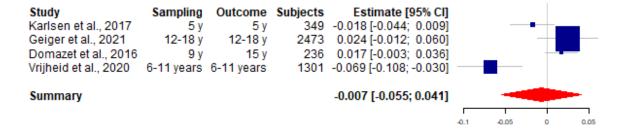


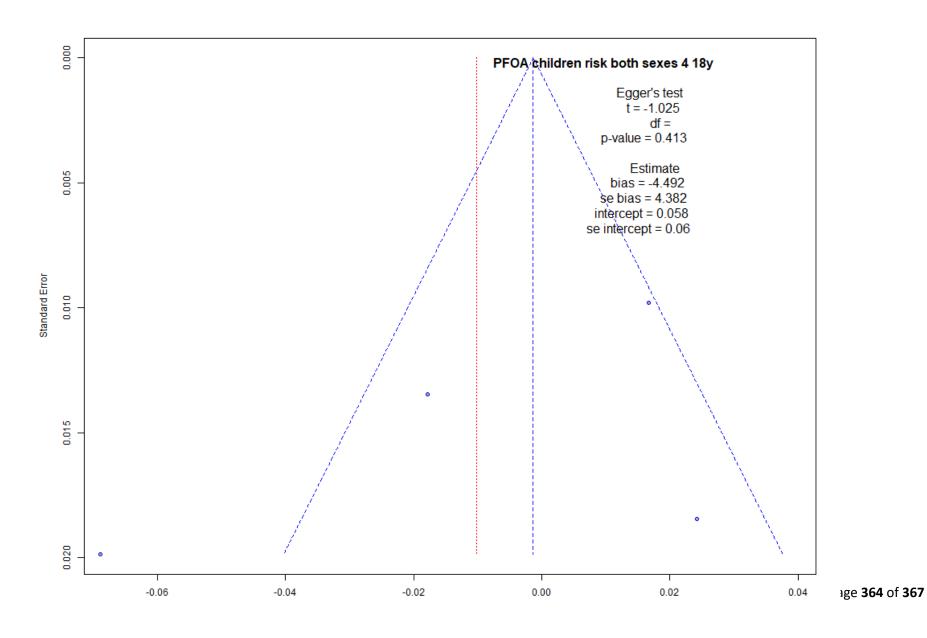
Study	Sampling	Outcome	SulējFN	A children BMI both	sexes 4 18y	95%-CI	Weight (common) (Weight random)
Scinicariello et al., 2020 Liu et al., 2020 Karlsen et al., 2017 Schillemans et al., 2023	3-11 y 12 y 5 y 12-18 years old	3-11 y 12 y 5 y 12-18 years old	600 182 349 1612		0.32 -0.05	[-0.15; 0.19] [-1.96; 2.59] [-0.09; -0.01] [-0.74; -0.06]	6.0% 0.0% 89.7% 1.5%	26.2% 1.4% 29.0% 20.1%
Vrijheid et al., 2020 Common effect model Random effects model Heterogeneity: $I^2 = 81\%$, $\tau^2 = 100$	6-11 years = 0.0659, p < 0.01	6-11 years	1301	-2 -1 0 1	-0.06	[-0.82; -0.32] [-0.11; -0.02] [-0.49; 0.06]	2.7% 100.0% 	23.3%

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Scinicariello et al., 2020	3-11 y	3-11 y	600	0.024 [-0.146; 0.195]	+
Liu et al., 2020	12 y	12 y	182	0.317 [-1.957; 2.591]	-
Karlsen et al., 2017	5 y	5 y	349	-0.050 [-0.094; -0.006]	
Schillemans et al., 2023	12-18 years old	12-18 years old	1612	-0.397 [-0.737; -0.057]	
Vrijheid et al., 2020	6-11 years	6-11 years	1301	-0.570 [-0.823; -0.317]	
Summary				-0.328 [-0.612; -0.044]	•
					.1 0 1 2



Study	Sampling	Outcome	Sule)FOA child	dren risk both	sexes 4 18y	95%-CI	Weight (common) (Weight (random)
Karlsen et al., 2017 Geiger et al., 2021 Domazet et al., 2016 Vrijheid et al., 2020	5 y 12-18 y 9 y 6-11 years	5 y 12-18 y 15 y 6-11 years	349 2473 236 1301		0.02 [0.02 [-0.04; 0.01] -0.01; 0.06] -0.00; 0.04] -0.11; -0.03]	25.8% 13.8% 48.6% 11.8%	26.0% 23.6% 27.5% 22.9%
Common effect model Random effects mode Heterogeneity: /2 = 84%, 1	I	< 0.01	-0.1 -(0.05 0 (-	-0.01; 0.01] -0.05; 0.03]	100.0%	100.0%





Study	Sampling	Outcome	SulDjF	OS chi	ildren r	isk b	oth sex	es 4 1	8y	95%-CI	Weight (common)	Weight (random)
Karlsen et al., 2017	5 y	5 y	349			+	-		-0.01	[-0.02; 0.01]	5.9%	22.0%
Geiger et al., 2021	12-18 y	12-18 y	2473		_		+		-0.00	[-0.01; 0.01]	25.6%	36.5%
Domazet et al., 2016	9 y	15 y	236				-		0.01	[0.00; 0.01]	68.6%	41.6%
Common effect model						-			0.01	[0.00; 0.01]	100.0%	
Random effects model Heterogeneity: $I^2 = 78\%$, τ^2	< 0.0001, p	= 0.01			-	+	<u> </u>	\neg	0.00	[-0.01; 0.01]		100.0%
				-0.02	-0.01	0	0.01	0.02				

Study	Sampling	Outcome	Subjects	Estimate [95% CI]	
Karlsen et al., 2017	5 y	5 y	349	-0.009 [-0.024; 0.006]	-
Geiger et al., 2021	12-18 y	12-18 y	2473	0.000 [-0.008; 0.007]	_
Domazet et al., 2016	9 y	15 y	236	0.009 [0.005; 0.013]	
Summary				-0.001 [-0.014; 0.012]	
					4.02-4.015-4.01-4.005 0 0.005 0.01

