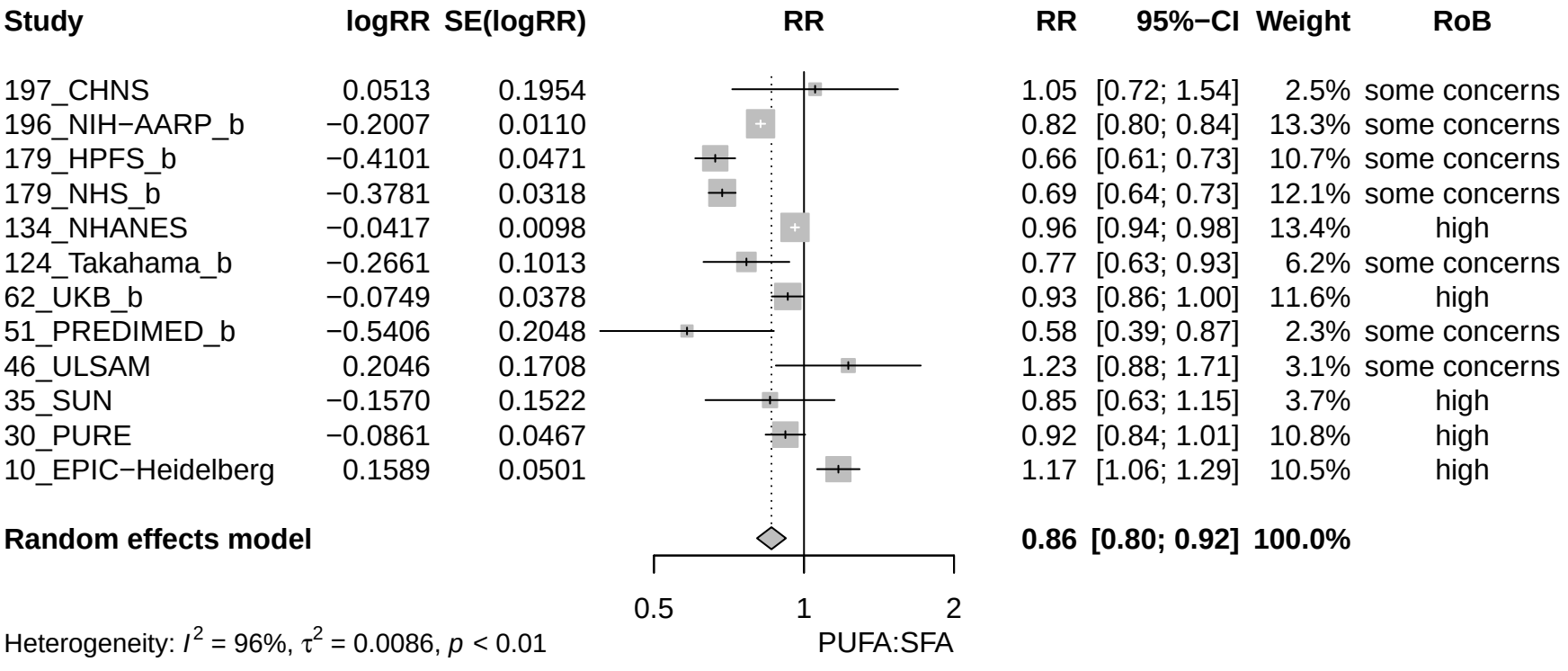
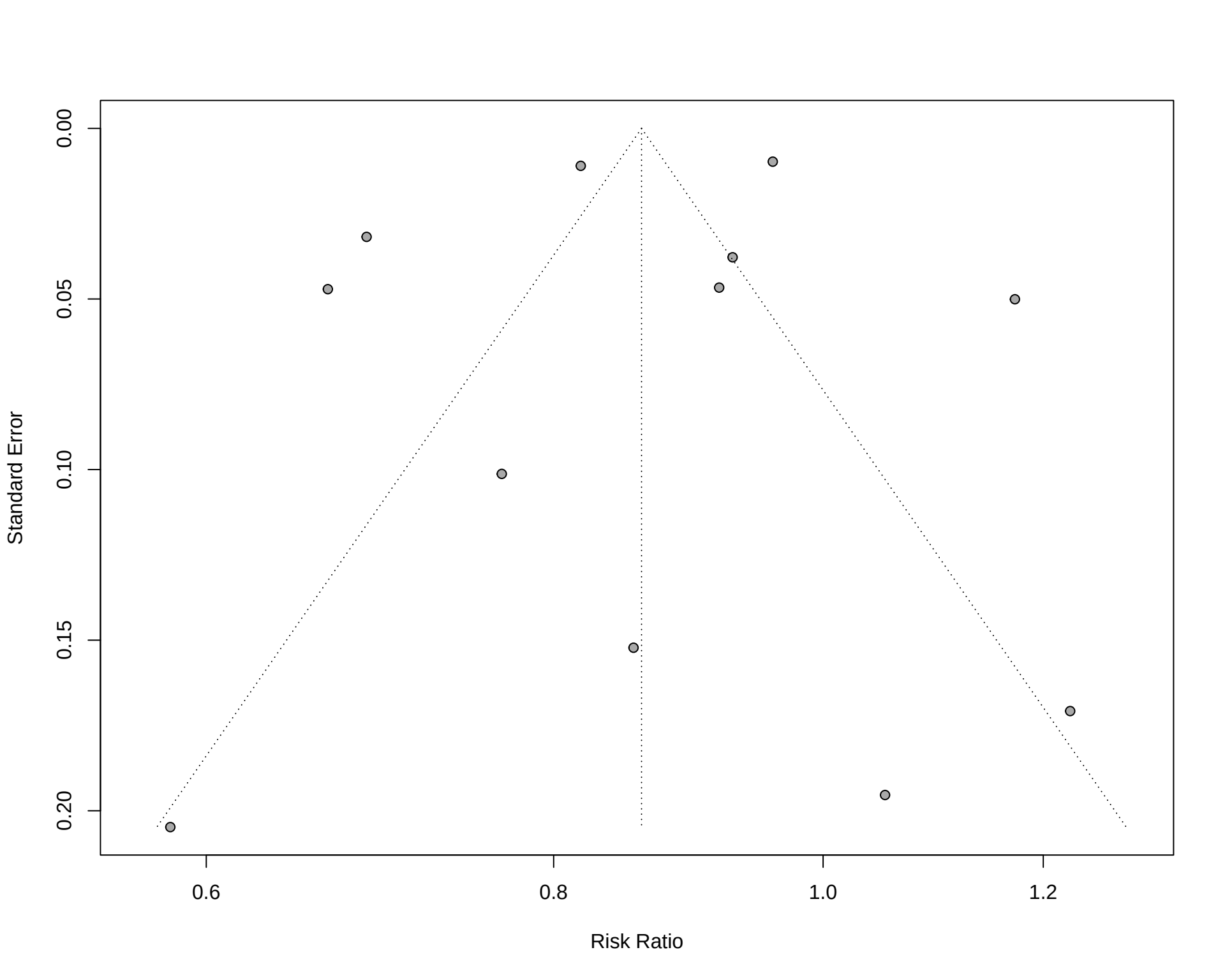
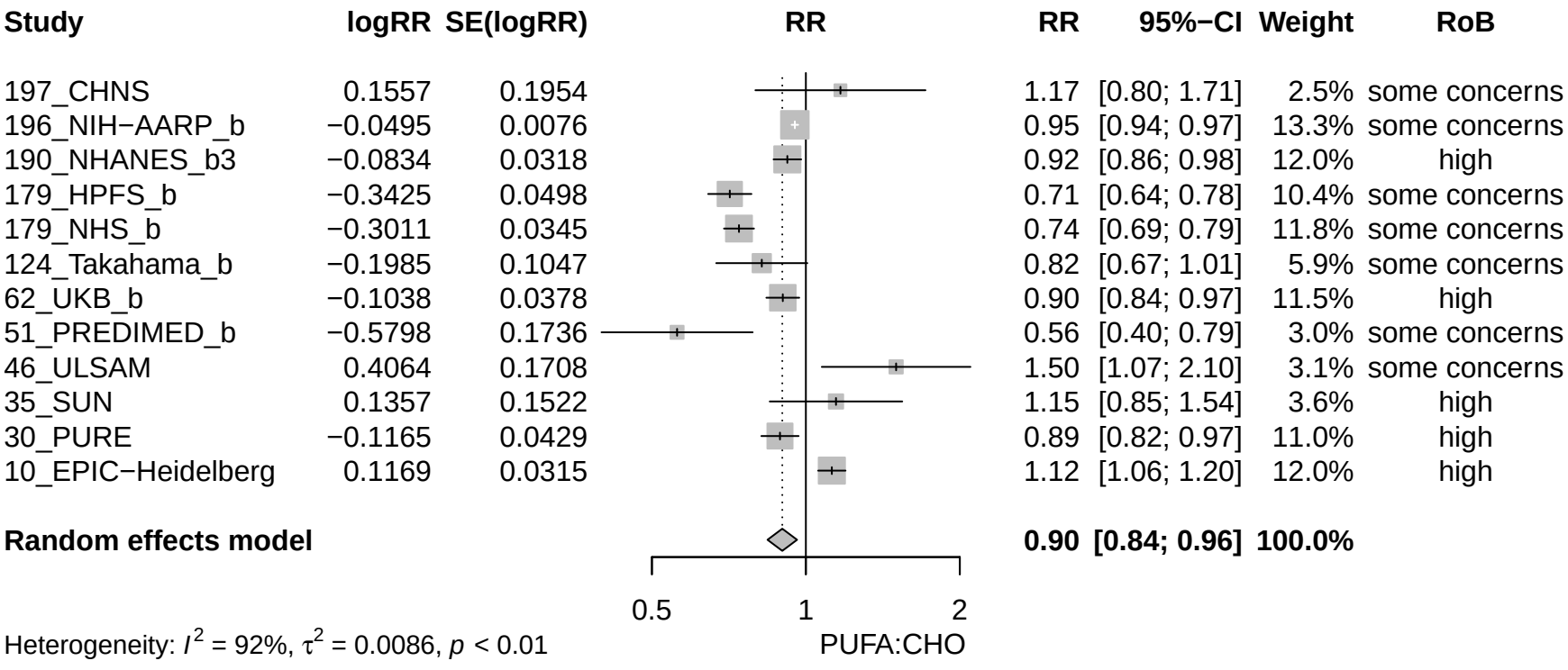
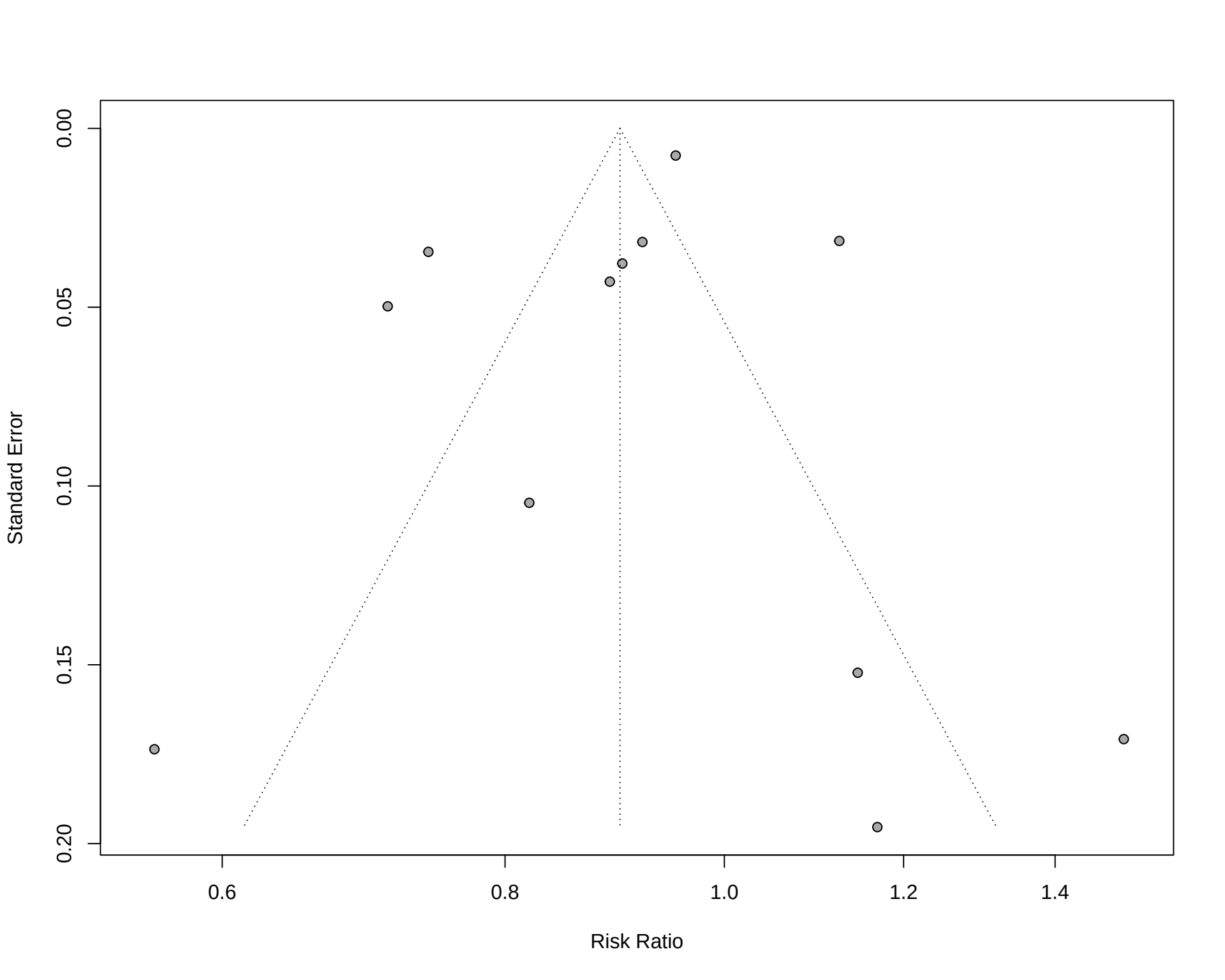


Heterogeneity: I^2 = 96%, τ^2 = 0.0086, p < 0.01

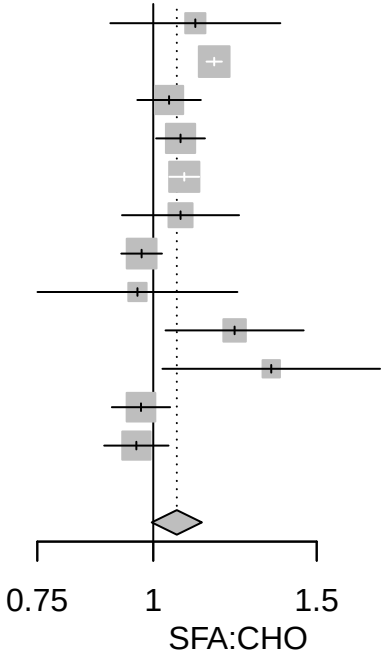

Standard Error
0.00
0.05
0.10
0.15
0.20
0.6
0.8
1.0
1.2
Risk Ratio



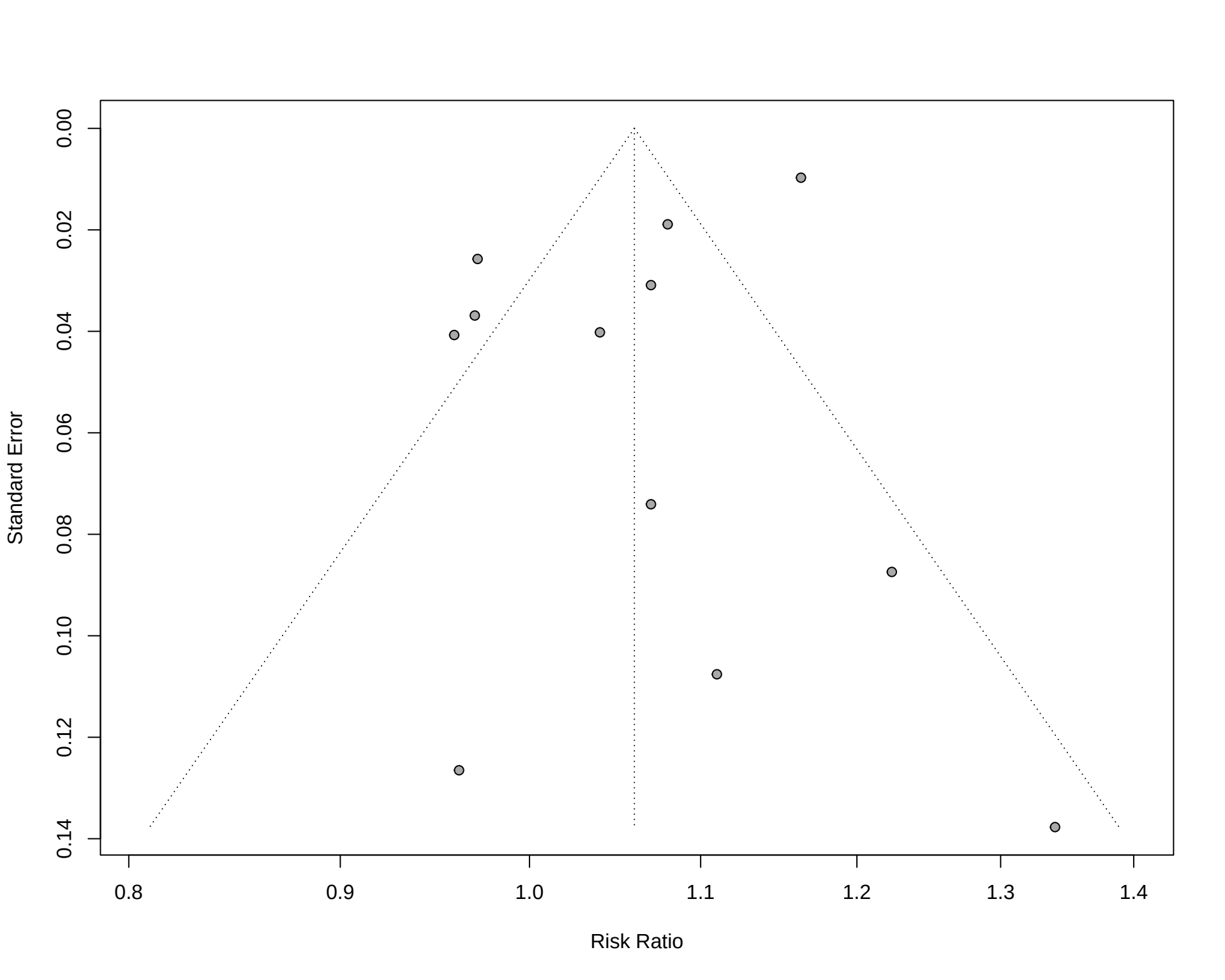
Heterogeneity: I^2 = 92%, τ^2 = 0.0086, p < 0.01

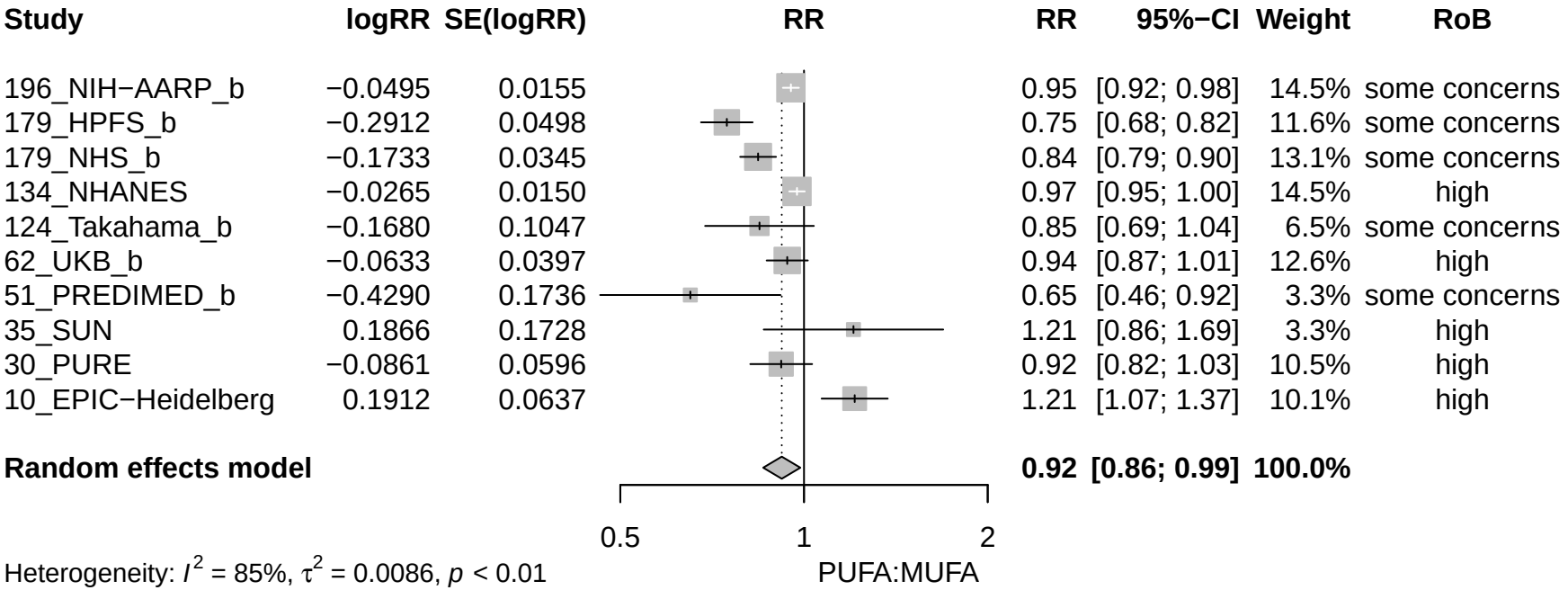

Standard Error
0.00
0.05
0.10
0.15
0.20
0.6
0.8
1.0
1.2
1.4
Risk Ratio

Study	logRR	SE(logRR)	RR	95%−CI	Weight	RoB
197_CHNS	0.1044	0.1076	1.11	[0.90; 1.37]	5.0%	some concerns
196_NIH−AARP_b	0.1512	0.0097	1.16	[1.14; 1.19]	11.6%	some concerns
190_NHANES_b1	0.0392	0.0402	1.04	[0.96; 1.13]	9.8%	high
179_HPFS_b	0.0677	0.0309	1.07	[1.01; 1.14]	10.5%	some concerns
179_NHS_b	0.0770	0.0189	1.08	[1.04; 1.12]	11.2%	some concerns
124_Takahama_b	0.0677	0.0741	1.07	[0.93; 1.24]	7.1%	some concerns
62_UKB_b	−0.0289	0.0257	0.97	[0.92; 1.02]	10.9%	high
51_PREDIMED_b	−0.0392	0.1265	0.96	[0.75; 1.23]	4.1%	some concerns
46_ULSAM	0.2018	0.0874	1.22	[1.03; 1.45]	6.2%	some concerns
35_SUN	0.2927	0.1377	1.34	[1.02; 1.76]	3.7%	high
30_PURE	−0.0305	0.0369	0.97	[0.90; 1.04]	10.1%	high
10_EPIC−Heidelberg	−0.0419	0.0407	0.96	[0.89; 1.04]	9.8%	high
Random effects model			**1.06**	**[1.00; 1.13]**	**100.0%**	

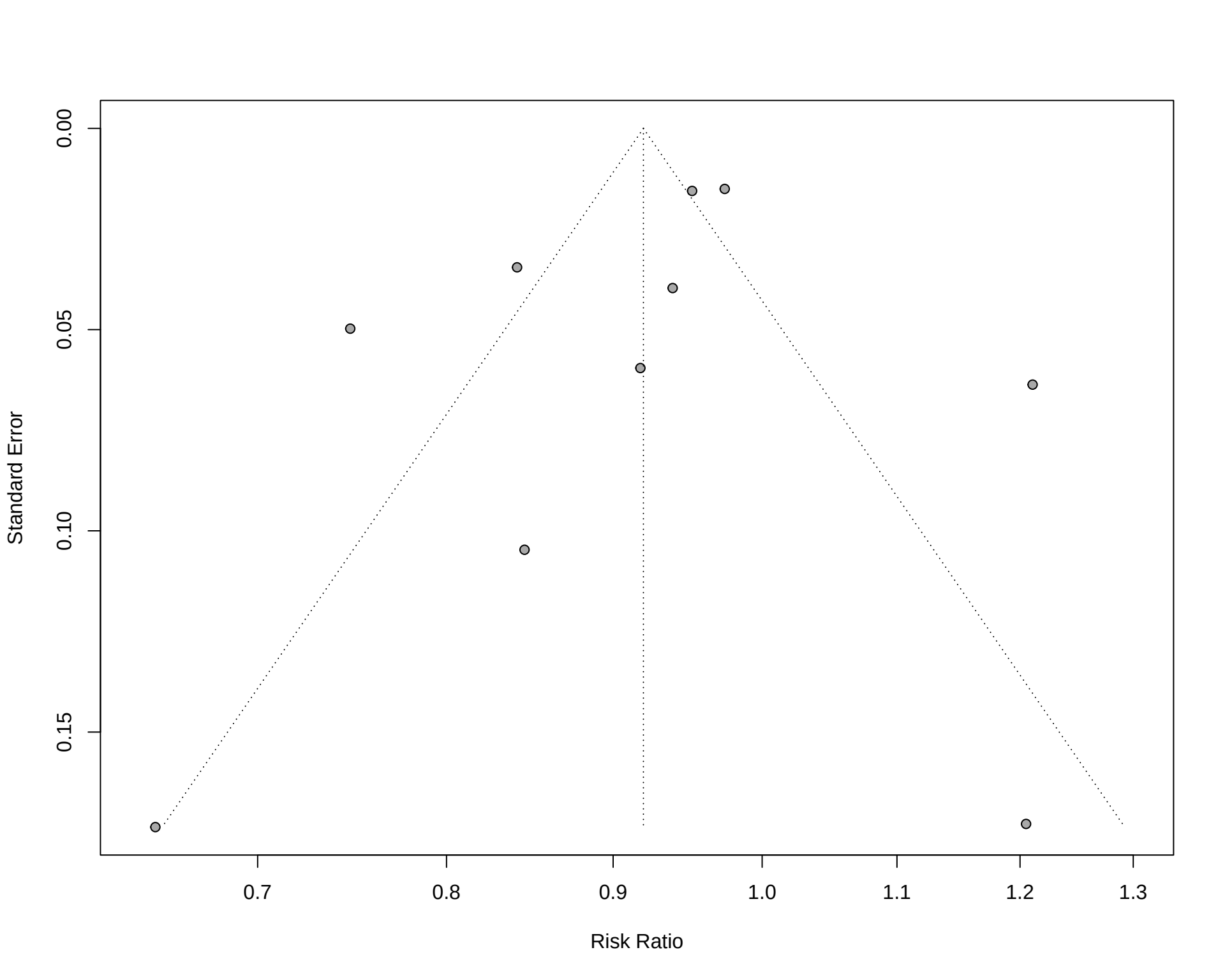


Heterogeneity: I^2 = 87%, τ^2 = 0.0086, p < 0.01

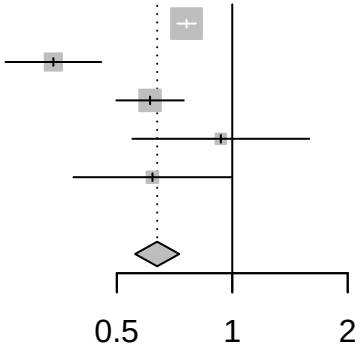

Standard Error
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.8
0.9
1.0
1.1
1.2
1.3
1.4
Risk Ratio



Heterogeneity: I^2 = 85%, τ^2 = 0.0086, p < 0.01

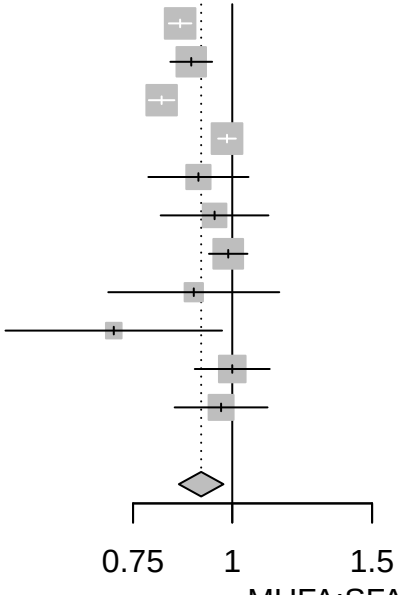

Standard Error
0.00
0.05
0.10
0.15
0.7
0.8
0.9
1.0
1.1
1.2
1.3
Risk Ratio

Study	logRR	SE(logRR)	RR	RR	95%−CI	Weight	RoB
196_NIH−AARP_b	−0.2746	0.0287		0.76	[0.72; 0.80]	48.6%	some concerns
179_HPFS_b	−1.0742	0.1467		0.34	[0.26; 0.46]	15.2%	some concerns
179_NHS_b	−0.4935	0.1033		0.61	[0.50; 0.75]	23.8%	some concerns
62_UKB_b	−0.0687	0.2709		0.93	[0.55; 1.59]	5.6%	high
51_PREDIMED_b	−0.4792	0.2420		0.62	[0.39; 1.00]	6.8%	some concerns
Random effects model				**0.64**	**[0.56; 0.73]**	**100.0%**	

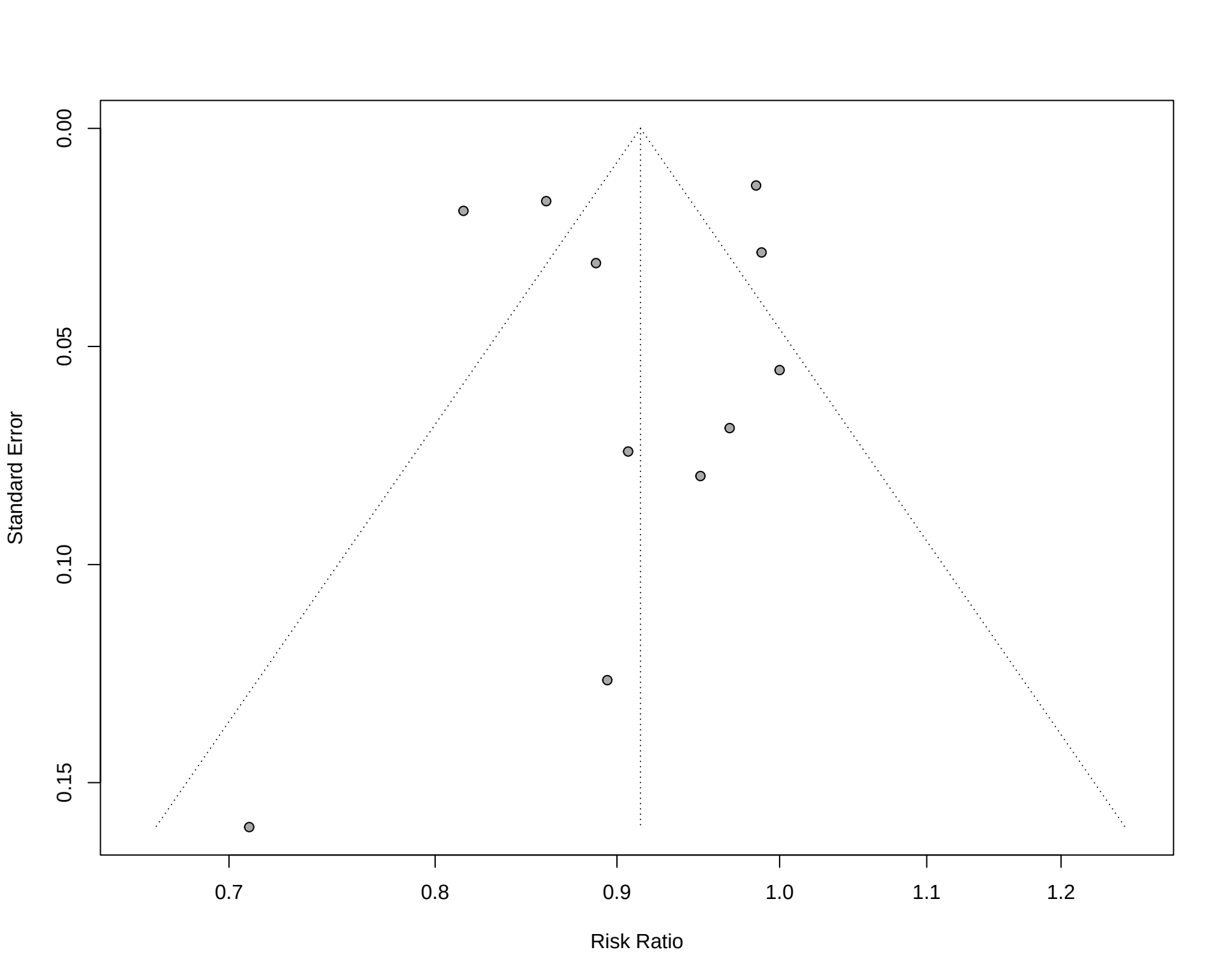


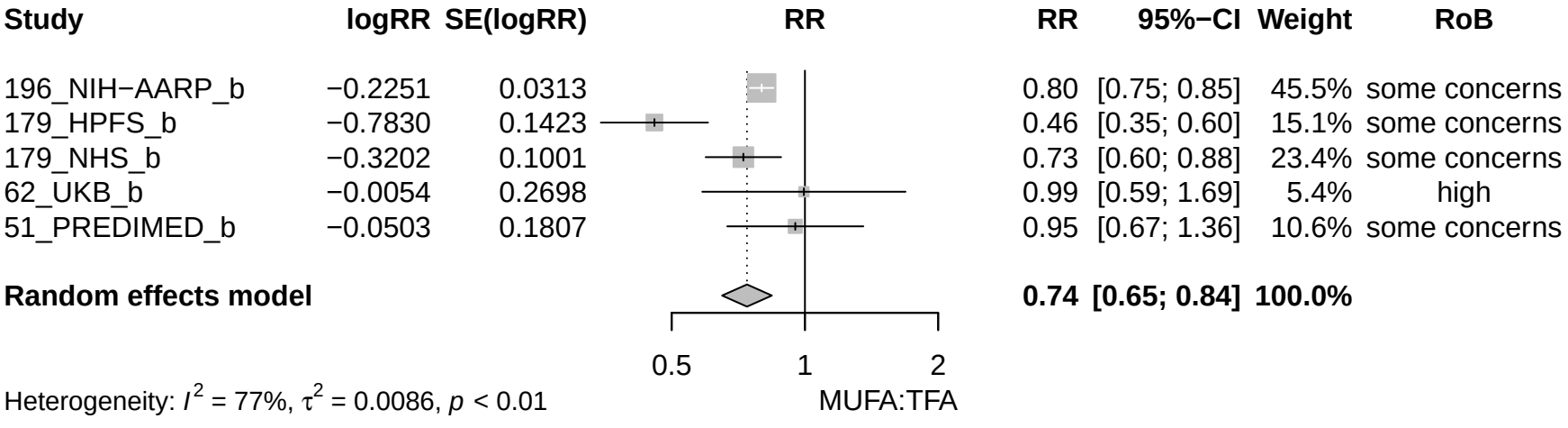
Heterogeneity: I^2 = 88%, τ^2 = 0.0086, p < 0.01

Study	logRR	SE(logRR)	RR	RR	95%−CI	Weight	RoB
196_NIH−AARP_b	−0.1512	0.0167		0.86	[0.83; 0.89]	12.3%	some concerns
179_HPFS_b	−0.1190	0.0309		0.89	[0.84; 0.94]	11.4%	some concerns
179_NHS_b	−0.2048	0.0189		0.81	[0.79; 0.85]	12.2%	some concerns
134_NHANES	−0.0152	0.0131		0.98	[0.96; 1.01]	12.4%	high
124_Takahama_b	−0.0981	0.0741		0.91	[0.78; 1.05]	7.7%	some concerns
115_CHNS_b1	−0.0513	0.0797		0.95	[0.81; 1.11]	7.3%	some concerns
62_UKB_b	−0.0117	0.0284		0.99	[0.93; 1.05]	11.6%	high
51_PREDIMED_b	−0.1116	0.1265		0.89	[0.70; 1.15]	4.4%	some concerns
35_SUN	−0.3436	0.1602		0.71	[0.52; 0.97]	3.2%	high
30_PURE	−0.0000	0.0554		1.00	[0.90; 1.11]	9.3%	high
10_EPIC−Heidelberg	−0.0324	0.0687		0.97	[0.85; 1.11]	8.2%	high
Random effects model				**0.91**	**[0.86; 0.97]**	**100.0%**	

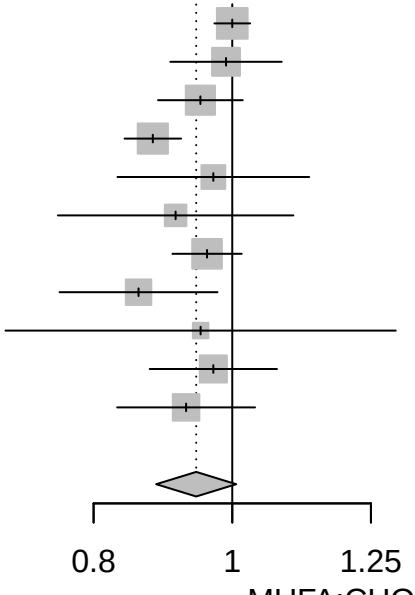


Heterogeneity: I^2 = 90%, τ^2 = 0.0086, p < 0.01

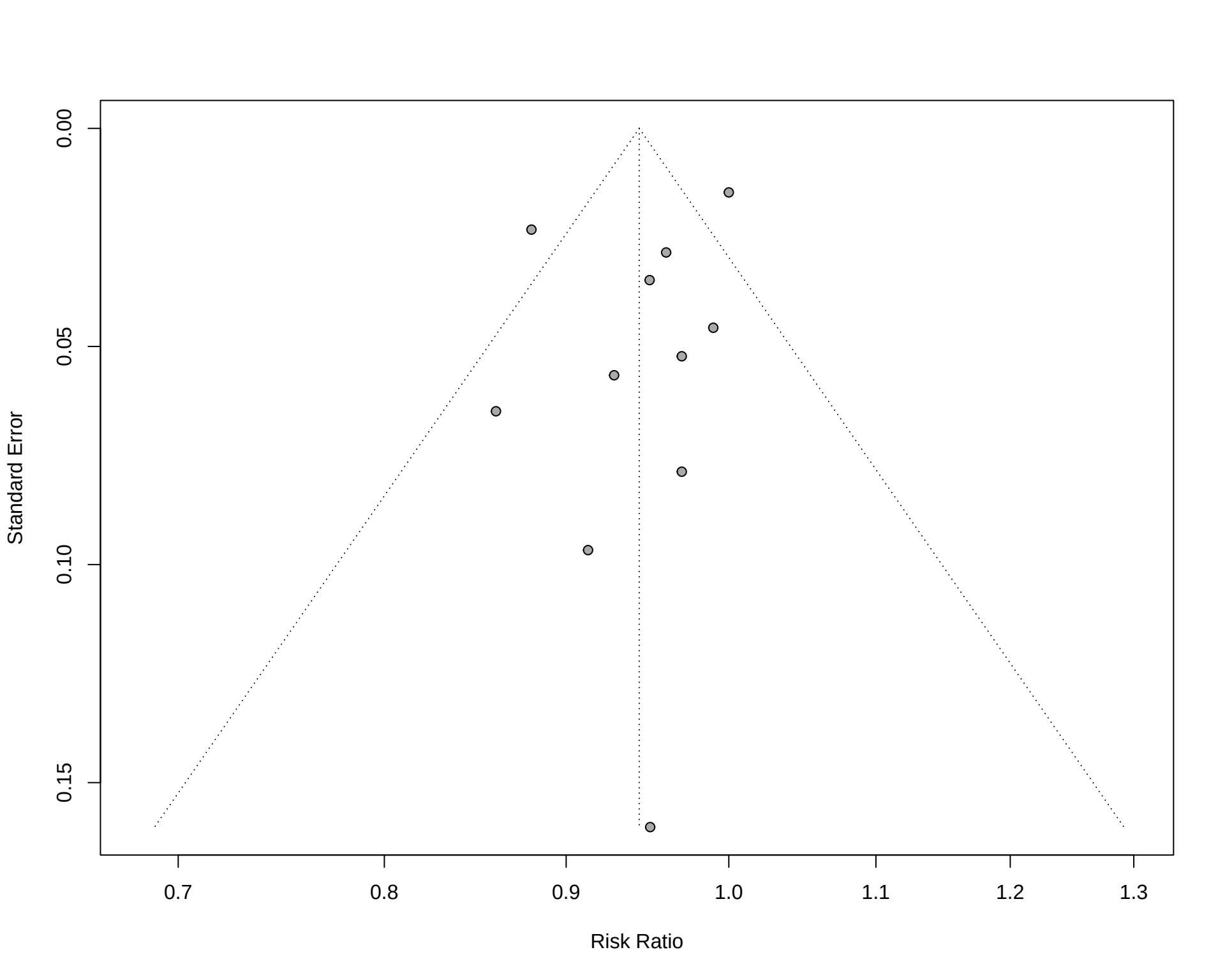

Standard Error
0.00
0.05
0.10
0.15
0.7
0.8
0.9
1.0
1.1
1.2
Risk Ratio

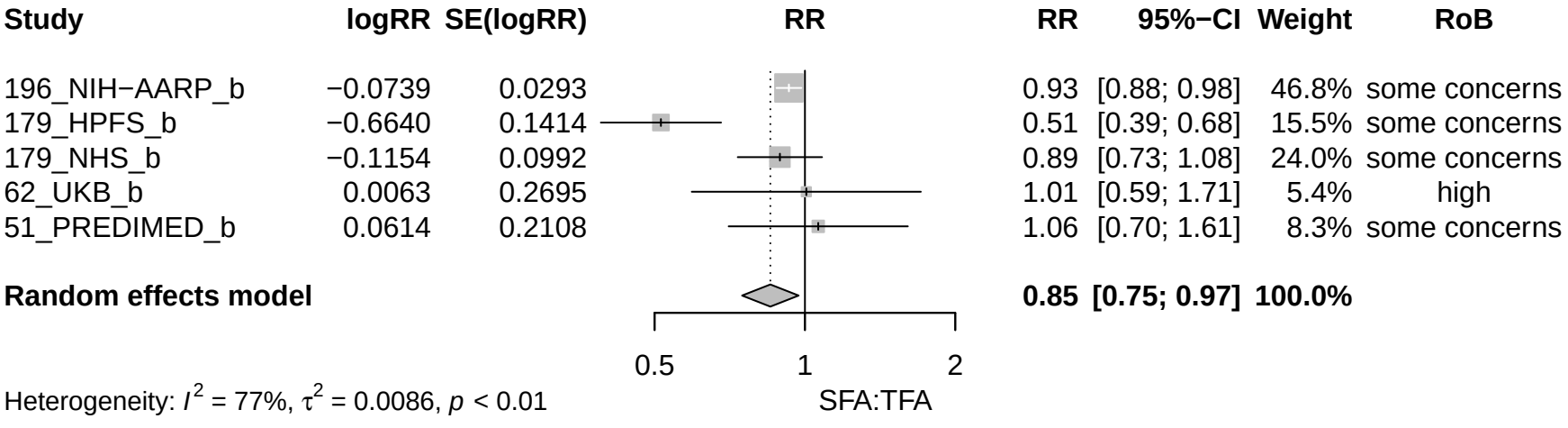

Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
196_NIH−AARP_b −0.2251 0.0313 0.80 [0.75; 0.85] 45.5% some concerns
179_HPFS_b −0.7830 0.1423 0.46 [0.35; 0.60] 15.1% some concerns
179_NHS_b −0.3202 0.1001 0.73 [0.60; 0.88] 23.4% some concerns
62_UKB_b −0.0054 0.2698 0.99 [0.59; 1.69] 5.4% high
51_PREDIMED_b −0.0503 0.1807 0.95 [0.67; 1.36] 10.6% some concerns
Random effects model 0.74 [0.65; 0.84] 100.0%
0.5
1
2
Heterogeneity: I^2 = 77%, τ^2 = 0.0086, p < 0.01
MUFA:TFA

Study	logRR	SE(logRR)	RR	RR	95%−CI	Weight	RoB
196_NIH−AARP_b	0.0000	0.0147		1.00	[0.97; 1.03]	12.2%	some concerns
190_NHANES_b2	−0.0101	0.0457		0.99	[0.91; 1.08]	10.1%	high
179_HPFS_b	−0.0513	0.0348		0.95	[0.89; 1.02]	11.0%	some concerns
179_NHS_b	−0.1278	0.0232		0.88	[0.84; 0.92]	11.8%	some concerns
124_Takahama_b	−0.0305	0.0787		0.97	[0.83; 1.13]	7.3%	some concerns
115_CHNS_b2	−0.0912	0.0967		0.91	[0.76; 1.10]	6.0%	some concerns
62_UKB_b	−0.0406	0.0284		0.96	[0.91; 1.02]	11.4%	high
51_PREDIMED_b	−0.1508	0.0649		0.86	[0.76; 0.98]	8.4%	some concerns
35_SUN	−0.0509	0.1602		0.95	[0.69; 1.30]	3.1%	high
30_PURE	−0.0305	0.0522		0.97	[0.88; 1.07]	9.5%	high
10_EPIC−Heidelberg	−0.0743	0.0566		0.93	[0.83; 1.04]	9.1%	high
Random effects model				**0.94**	**[0.88; 1.01]**	**100.0%**	

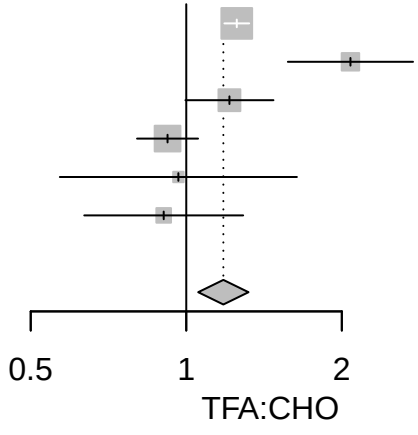


Heterogeneity: I^2 = 61%, τ^2 = 0.0086, p < 0.01


Standard Error
0.00
0.05
0.10
0.15
0.7
0.8
0.9
1.0
1.1
1.2
1.3
Risk Ratio

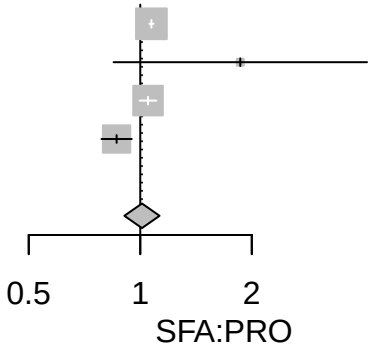

Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
196_NIH−AARP_b −0.0739 0.0293 0.93 [0.88; 0.98] 46.8% some concerns
179_HPFS_b −0.6640 0.1414 0.51 [0.39; 0.68] 15.5% some concerns
179_NHS_b −0.1154 0.0992 0.89 [0.73; 1.08] 24.0% some concerns
62_UKB_b 0.0063 0.2695 1.01 [0.59; 1.71] 5.4% high
51_PREDIMED_b 0.0614 0.2108 1.06 [0.70; 1.61] 8.3% some concerns
Random effects model 0.85 [0.75; 0.97] 100.0%
0.5
1
2
Heterogeneity: I^2 = 77%, τ^2 = 0.0086, p < 0.01
SFA:TFA

Study	logRR	SE(logRR)	RR	95%−CI	Weight	RoB
196_NIH−AARP_b	0.2251	0.0282	1.25	[1.19; 1.32]	34.8%	some concerns
179_HPFS_b	0.7317	0.1423	2.08	[1.57; 2.75]	11.3%	some concerns
179_NHS_b	0.1924	0.1001	1.21	[1.00; 1.47]	17.6%	some concerns
90_NCS	−0.0834	0.0694	0.92	[0.80; 1.05]	24.4%	high
62_UKB_b	−0.0352	0.2695	0.97	[0.57; 1.64]	4.0%	high
51_PREDIMED_b	−0.1006	0.1807	0.90	[0.63; 1.29]	7.9%	some concerns
Random effects model			**1.18**	**[1.05; 1.32]**	**100.0%**	

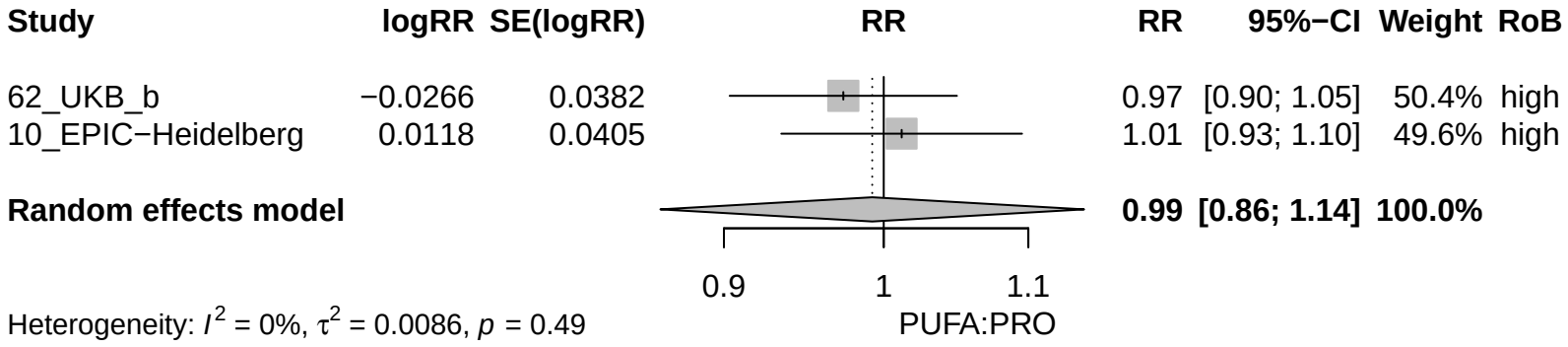


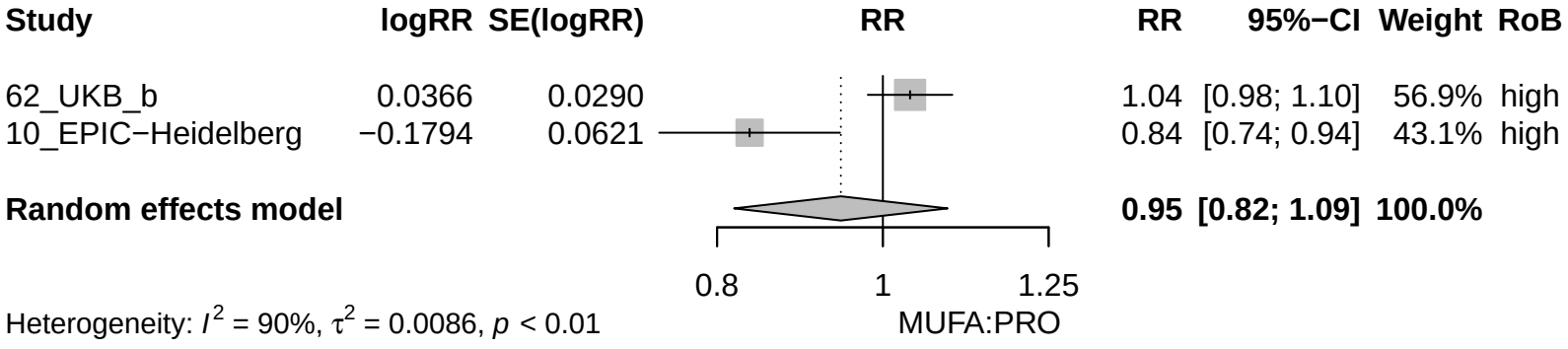
Heterogeneity: I^2 = 86%, τ^2 = 0.0086, p < 0.01

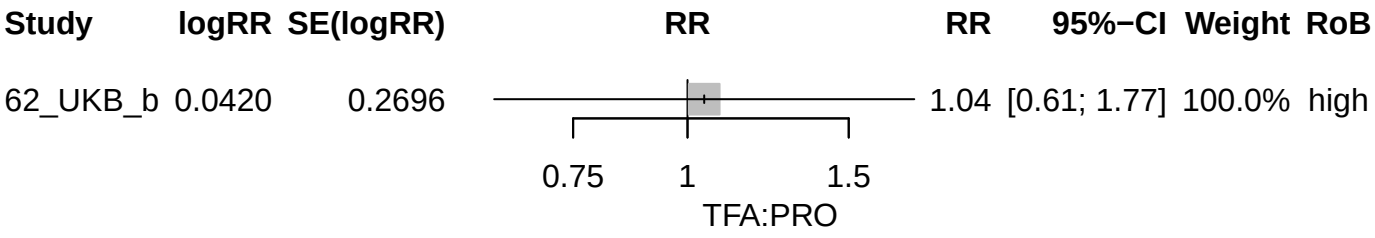
Study	logRR	SE(logRR)	RR	RR	95%−CI	Weight	RoB
191_NIH−AARP_b	0.0693	0.0066		1.07	[1.06; 1.09]	36.1%	some concerns
103_NHANES_b	0.6218	0.4019		1.86	[0.85; 4.09]	1.8%	high
62_UKB_b	0.0483	0.0264		1.05	[1.00; 1.11]	33.5%	high
10_EPIC−Heidelberg	−0.1470	0.0480		0.86	[0.79; 0.95]	28.6%	high
Random effects model				**1.01**	**[0.91; 1.13]**	**100.0%**	

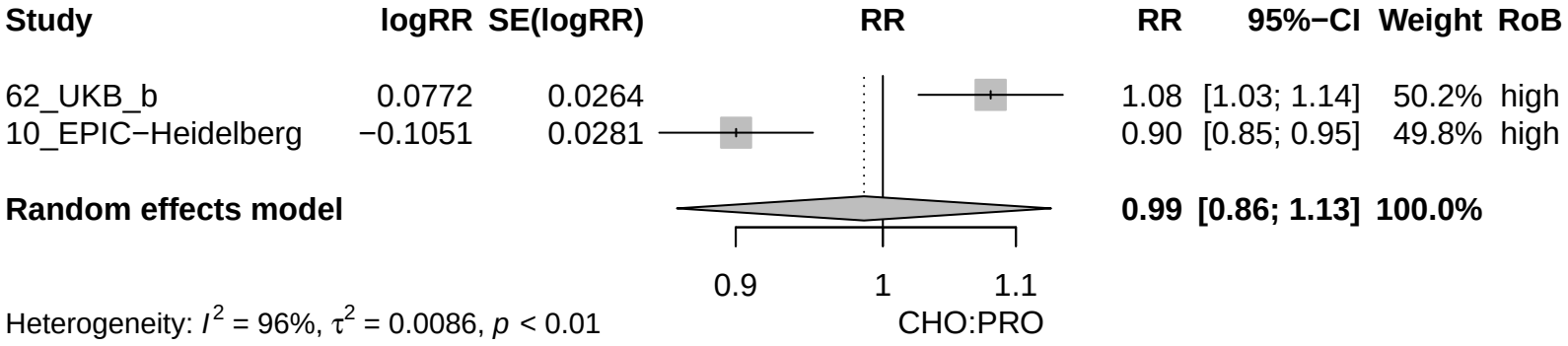


Heterogeneity: I^2 = 87%, τ^2 = 0.0086, p < 0.01


Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
62_UKB_b
−0.0266
0.0382
0.97
[0.90; 1.05]
50.4%
high
10_EPIC−Heidelberg
0.0118
0.0405
1.01
[0.93; 1.10]
49.6%
high
Random effects model
0.99
[0.86; 1.14]
100.0%
0.9
1
1.1
Heterogeneity: I^2 = 0%, τ^2 = 0.0086, p = 0.49
PUFA:PRO


Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
62_UKB_b
0.0366
0.0290
1.04
[0.98; 1.10]
56.9%
high
10_EPIC−Heidelberg
−0.1794
0.0621
0.84
[0.74; 0.94]
43.1%
high
Random effects model
0.95
[0.82; 1.09]
100.0%
0.8
1
1.25
Heterogeneity: I^2 = 90%, τ^2 = 0.0086, p < 0.01
MUFA:PRO


Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
62_UKB_b
0.0420
0.2696
1.04
[0.61; 1.77]
100.0%
high
0.75
1
1.5
TFA:PRO


Study
logRR
SE(logRR)
RR
RR
95%−CI
Weight
RoB
62_UKB_b
0.0772
0.0264
1.08
[1.03; 1.14]
50.2%
high
10_EPIC−Heidelberg
−0.1051
0.0281
0.90
[0.85; 0.95]
49.8%
high
Random effects model
0.99
[0.86; 1.13]
100.0%
0.9
1
1.1
Heterogeneity: I^2 = 96%, τ^2 = 0.0086, p < 0.01
CHO:PRO