Supplementary Information

Study name	Statistics for each study							Difference in means and 95% CI				
	% Difference in means	Standard error	Variance	Lower limit	Upper limit	Z-Value	p-Value					
Watanabe 2005	-24.50	1.56	2.43	-27.56	-21.44	-15.71	0.00					
Yamagami 2008	-34.20	4.11	16.93	-42.26	-26.14	-8.31	0.00	 -				
Nakamura 2008	-37.80	3.05	9.32	-43.78	-31.82	-12.38	0.00	-				
Kadaglou 2008	-41.70	2.86	8.17	-47.30	-36.10	-14.59	0.00					
Yamada 2009	-44.00	7.56	57.12	-58.81	-29.19	-5.82	0.00					
Kadaglou 2009*	-33.36	3.14	9.86	-39.51	-27.21	-10.62	0.00					
Kadaglou 2009**	-38.60	3.46	11.94	-45.37	-31.83	-11.17	0.00	- -				
Kadaglou 2010^	-64.56	4.34	18.80	-73.06	-56.06	-14.89	0.00					
Kadaglou 2010^^	-54.20	6.29	39.54	-66.52	-41.88	-8.62	0.00					
	-40.88	4.11	16.87	-48.93	-32.83	-9.95	0.00	-				
								-74.00 -37.00	0.00	37.00	74.00	

LDL decreased LDL increased

Figure S1. Effect of statins on LDL. Note: Kadaglou 2009 [17] has divided and analyzed patients into two groups: the first group (*) was on statin, but underwent contralateral carotid artery stenting (CAS), and the second group (**) was treated only with statins. Kadaglou 2010 [18] has divided and analyzed patients into two groups: the first group (^) received atorvastatin 10–20 mg and the second group (^^) atorvastatin 80 mg.

Study name	Statistics for each study							Difference in means and 95% CI				
	% Difference in means	Standard error	Variance	Lower limit	Upper limit	Z-Value	p-Value					
Watanabe 2005	10.20	1.56	2.43	7.14	13.26	6.54	0.00					
Yamagami 2008	0.00	0.04	0.00	-0.09	0.09	0.00	1.00					
Nakamura 2008	9.30	0.49	0.24	8.33	10.27	18.89	0.00					
Kadaglou 2008	4.54	0.35	0.12	3.85	5.23	12.85	0.00					
Yamada 2009	0.00	0.06	0.00	-0.12	0.12	0.00	1.00					
Kadaglou 2009*	13.42	1.38	1.89	10.72	16.12	9.75	0.00					
Kadaglou 2009**	4.40	0.39	0.15	3.64	5.16	11.42	0.00					
Kadaglou 2010 [^]	5.56	0.44	0.19	4.70	6.42	12.60	0.00					
Kadaglou 2010^^	10.32	1.02	1.04	8.33	12.31	10.14	0.00					
	5.66	0.60	0.36	4.49	6.83	9.47	0.00	•				
								-17.00 -8.50 0.00 8.50 17.00				

HDL decreased HDL increased

Figure S2. Effects of statins on HDL. Note: Kadaglou 2009 [17] has divided and analyzed patients into two groups: the first group (*) was on statin, but underwent contralateral carotid artery stenting (CAS), and the second group (**) was treated only with statins. Kadaglou 2010 [18] has divided and analyzed patients into two groups: the first group (^) received atorvastatin 10–20 mg and the second group (^^) atorvastatin 80 mg.

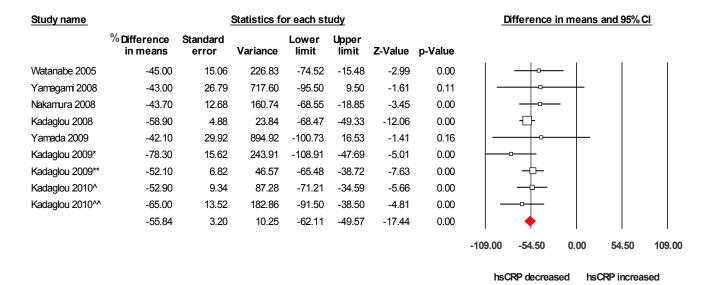


Figure S3. Effects of statins on hsCRP. Note: Kadaglou 2009 [17] has divided and analyzed patients into two groups: the first group (*) was on statin, but underwent contralateral carotid artery stenting (CAS), and the second group (**) was treated only with statins. Kadaglou 2010 [18] has divided and analyzed patients into two groups: the first group (^) received atorvastatin 10–20 mg and the second group (^^) atorvastatin 80 mg.