HERMES duality

x HERMES	Q^2 HERMES	A1p HERMES	dA1p	A1p fit HERMES	A1 duality	stat
0.38	1.6	0.46	0.20	0.508	0.906	0.394
0.50	2.0	0.77	0.21	0.616	1.251	0.341
0.57	2.3	0.88	0.29	0.675	1.304	0.43
0.64	2.6	0.76	0.28	0.732	1.039	0.383
0.78	2.9	0.99	0.29	0.84	1.178	0.345
				Average	1.113	
				stat.	0.168	
				syst 16%	0.178	
				(Published: 1.11+- 0.16 (stat) +- 0.18 (syst))		

x HERMES	Q^2 HERMES	A2p (DIS fit)	g1 Res	g1 DIS	g1 duality	stat
0.38	1.6	0.149	0.135	0.161	0.834	0.363
0.50	2.0	0.176	0.124	0.112	1.106	0.302
0.57	2.3	0.187	0.098	0.085	1.144	0.377
0.64	2.6	0.197	0.057	0.062	0.916	0.337
0.78	2.9	0.228	0.025	0.025	1.005	0.294
				Average	1.005	
				stat.	0.148	
				syst 16%	0.161	

g1 = F2/[2x(1+R)](A1+gamma A2)

Duality ratio (using duality of F2 and assuming duality of R):

g1(Res.)/g1(DIS) = (A1(Res)+gamma A2(Res))/(A1(DIS)+gamma A2(DIS))