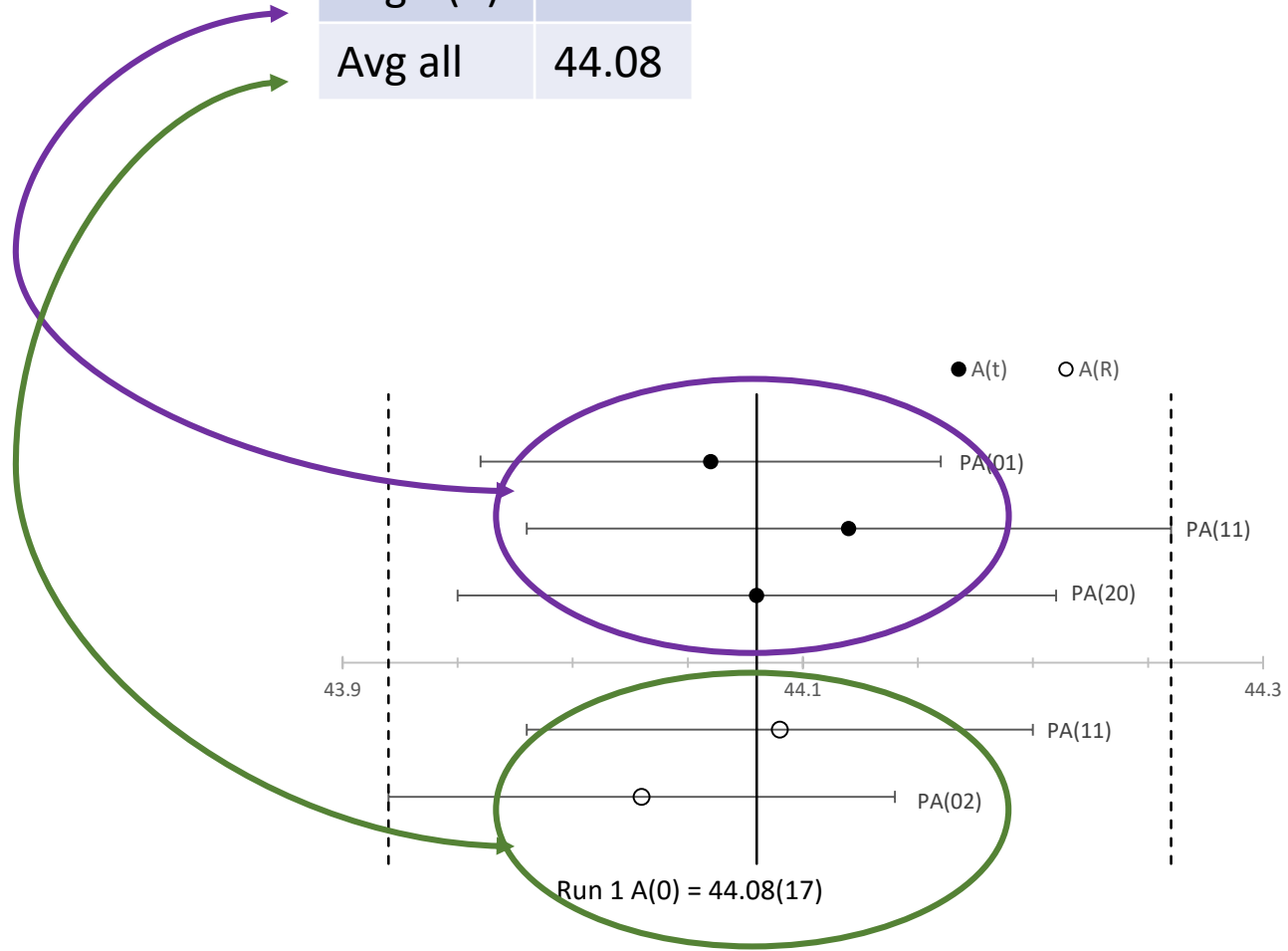


Ways to determine $A(0)$

- Average $A(t)$ for three fits
- Average $A(R)$ for two fits
- Average all 5

Run 1	$A(0)$
Avg $A(t)$	44.09
Avg $A(R)$	44.06
Avg all	44.08

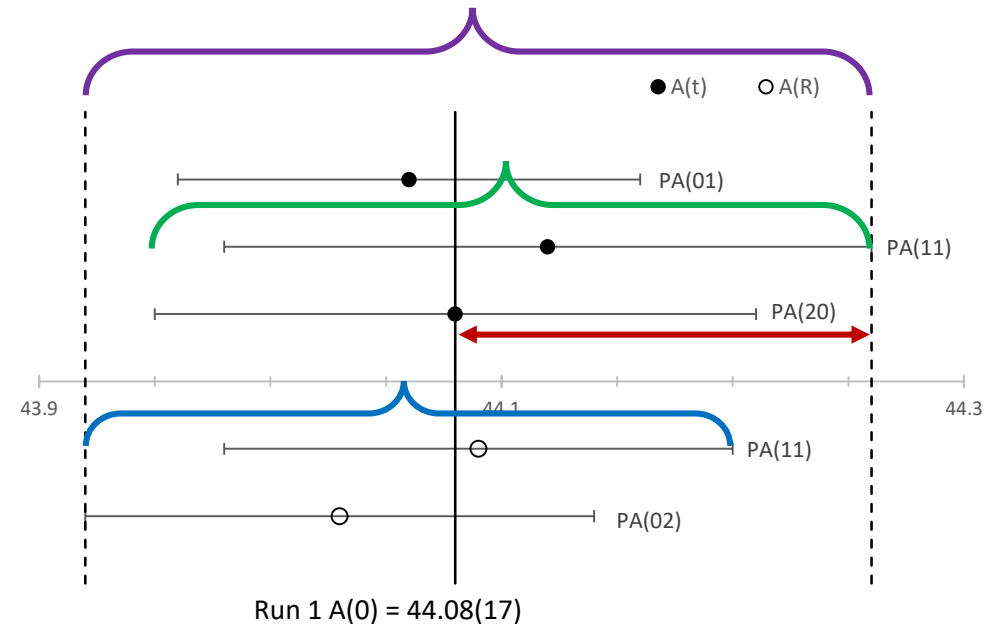


Ways to determine $A(0)$

- Uncertainty

- Take average of individuals: 0.12
- Take extrema / 2 : 0.17
- Take max (extrema – average):

			smallest	Most conservative
Run 1	$A(0)$	Extrema / 2	Average of fits	Max (avg – extrema)
Avg $A(t)$	44.09	0.16	0.12	
Avg $A(R)$	44.06	0.14	0.11	
Avg all	44.08	0.17	0.12	0.18



F test tables for Run 1 A(t), A(R) (run 2 similar)

Run 1 Asymmetry vs. Thickness					
PadeOrder	Intercept	dIntercept	Ftest	Reduced χ^2	Pvalue
Pade10	43.88	0.14	n/a	2.50	0.01
Pade20	44.08	0.13	7.34	1.40	0.20
Pade30	44.25	0.23	-2.12	2.52	0.02
Pade01	44.06	0.10	8.76	1.20	0.30
Pade11	44.12	0.14	8.56	1.29	0.25
Pade21	44.44	1.76	-2.40	2.50	0.02
Pade02	44.12	0.14	0.40	1.29	0.25
Pade12	44.61	5.31	1.25	1.24	0.28

Asymmetry vs. Rate Run 1					
PadeOrder	Intercept	dIntercept	Ftest	Reduced χ^2	Pvalue
Pade10	43.28	0.29	n/a	22.43	1.37E-34
Pade20	43.93	0.13	62.98	2.56	0.01
Pade30	44.08	0.12	4.37	1.73	0.11
Pade01	43.63	0.20	12.41	8.79	4.27E-12
Pade11	44.09	0.11	127.00	1.34	0.23
Pade21	44.21	0.16	0.59	1.42	0.20
Pade02	44.04	0.11	36.65	1.61	0.13
Pade12	44.00	0.15	-0.64	1.75	0.11

Red denotes the value that the testing failed.

F test with not enough improvement over lower order fails. Pvalue below 0.05 fails (bad chi squared)

Green are the fits that are not excluded by the statistical analysis

F test table for R(t) run 1

Rate vs. Thickness Run 1															
Pade Order	Intercept	dIntercept	Ftest	Reduced X2	Pvalue	a1	da1	a2	da2	a3	da3	b1	db1	b2	db2
Pade10	0.00	5.31	n/a	2.51	0.01	168.09	5.31								
Pade20	0.00	4.57	50.14	0.39	0.07	141.37	4.57	51.42	8.76						
Pade30	0.00	7.59	-0.72	0.49	0.16	148.80	7.59	7.41	32.94	45.34	31.17				
Pade11	0.00	3.62	59.07	0.34	0.05	143.42	3.62	0.00	0.00	0.00	0.00	-0.27	0.04		
Pade21	0.00	4.62	1.54	0.32	0.05	146.47	4.62	-50.55	72.51	0.00	0.00	-0.53	0.38		
Pade12	0.00	6.18	1.72	0.31	0.05	147.49	6.18	0.00	0.00	0.00	0.00	-0.13	0.18	-0.14	0.18