

Split by id

id	Ci	A
1	20	0
...
1	900	30
2	21	1
...
2	890	29

id	Ci	A
1	20	0
...
1	900	30

id	Ci	A
2	21	1
...
2	890	29

Apply fit function

1 - fits

id	Ci	A	A_fit
1	20	0	1.2
...
1	900	30	29.8

1 - parameters

id	Rd	J	TPU
1	1	200	18

2 - fits

id	Ci	A	A_fit
2	21	1	1.1
...
2	890	29	30.2

2 - parameters

id	Rd	J	TPU
2	1.1	215	16

Consolidate

fits

id	Ci	A	A_fit
1	20	0	1.2
...
1	900	30	29.8
2	21	1	1.1
...
2	890	29	30.2

parameters

id	Rd	J	TPU
1	1	200	18
2	1.1	215	16