

Split by id

id	ring	Ci	A
1	A	20	0
...
1	A	900	30
2	E	21	1
...
2	E	890	29
3	A	19	0.1
...

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

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

Apply fit function

1 - fits

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

1 - parameters

id	ring	Rd	J	TPU
1	A	1	200	18

2 - fits

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

2 - parameters

id	ring	Rd	J	TPU
2	E	1.1	215	16

Consolidate

fits

id	ring	Ci	A	A_fit
1	A	20	0	1.2
...
1	A	900	30	29.8
2	E	21	1	1.1
...
2	E	890	29	30.2
3	A	19	0.1	1.3
...

parameters

id	ring	Rd	J	TPU
1	A	1	200	18
2	E	1.1	215	16
3	A	0.9	210	17
...