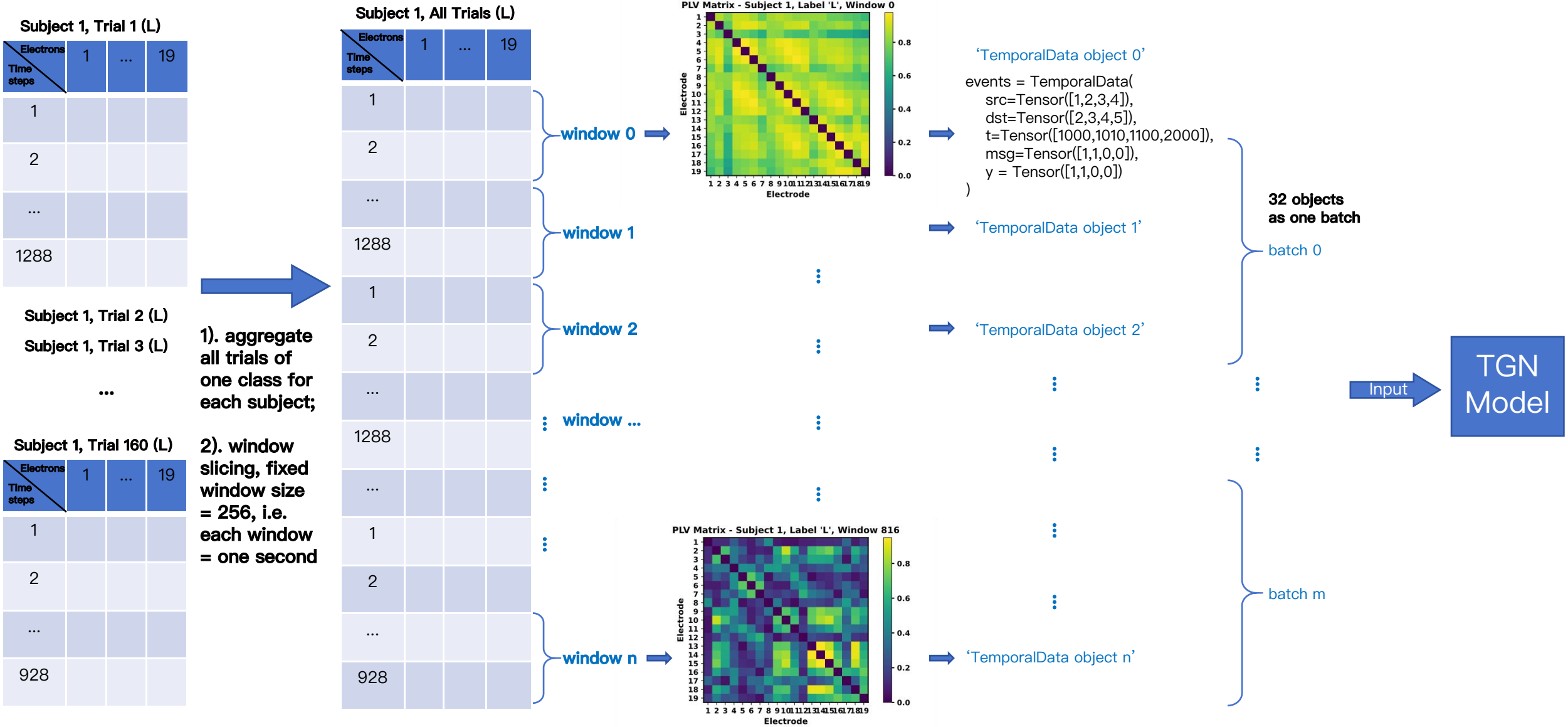
Subject 1, Trial 1 (L)
Electrons
Time steps
1
...
19
1
2
...
1288
Subject 1, Trial 2 (L)
Subject 1, Trial 3 (L)
...
Subject 1, Trial 160 (L)
Electrons
Time steps
1
...
19
1
2
...
928
1). aggregate all trials of one class for each subject;
2). window slicing, fixed window size = 256, i.e. each window = one second
Subject 1, All Trials (L)
Electrons
Time steps
1
...
19
1
2
...
1288
1
2
...
1288
...
1
2
...
928
window 0
window 1
window 2
window ...
window n
PLV Matrix - Subject 1, Label 'L', Window 0
Electrode
Electrode
PLV Matrix - Subject 1, Label 'L', Window 816
Electrode
Electrode
'TemporalData object 0'
events = TemporalData(
src=Tensor([1,2,3,4]),
dst=Tensor([2,3,4,5]),
t=Tensor([1000,1010,1100,2000]),
msg=Tensor([1,1,0,0]),
y = Tensor([1,1,0,0])
)
'TemporalData object 1'
'TemporalData object 2'
'TemporalData object n'
32 objects as one batch
batch 0
batch m
Input
TGN Model