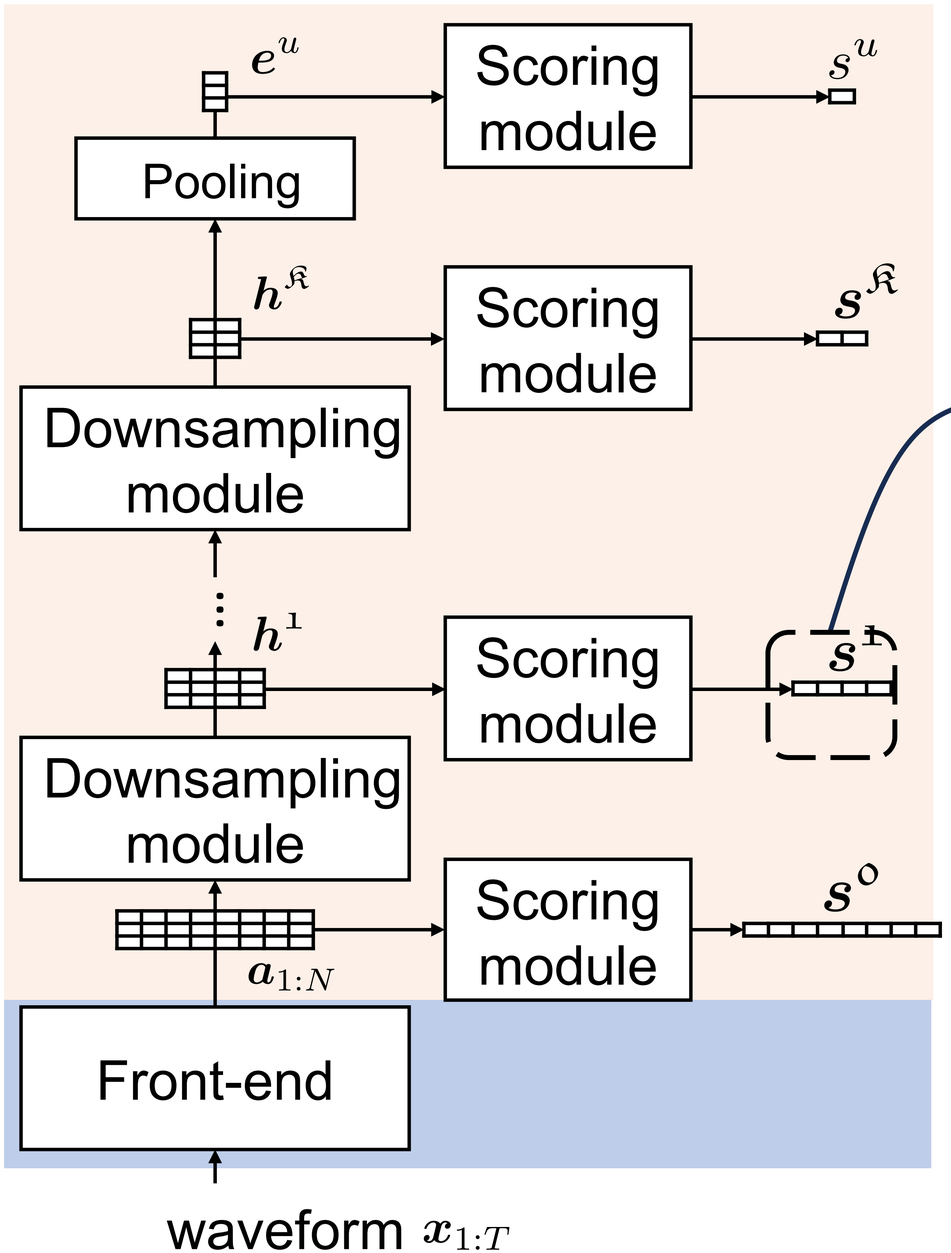
Range-Based EER vs. Point-Based EER



Range-based and point-based EER (%) of multi-reso. CM in the eval. set of PartialSpoof.

*Each **row** represents the temporal resolution for **training** and shares the same predicted scores, while each **column** presents the temporal resolution for error **measurement**.)*

Predicted Score	Reso. of Training	Range-based EER	Point-based EER 10	20	40	80	160	320	640
s^0	20	30.40	29.78	*12.84*	11.94	10.52	8.42	5.96	4.06
s^1	40	30.11	29.93	29.94	*11.94*	10.51	8.43	5.98	4.10
s^2	80	30.65	30.12	30.12	30.15	*10.92*	8.70	6.14	4.15
s^3	160	31.36	30.49	30.50	30.52	30.56	*9.24*	6.40	4.11
s^4	320	33.91	33.39	33.38	33.41	33.45	33.48	*6.34*	3.97
s^5	640	37.38	37.53	37.53	37.54	37.56	37.56	37.54	*5.19*

Point-based EER is sensitive to the measurement resolutions.

- **Upper triangular** : measurement reso. > training reso.
- **Diagonal:** measurement reso. = training reso.
  - "Underestimation": Smaller value only means the task is easier and does NOT mean that spoof localization is more accurate.
- **Lower triangular** : measurement reso. < training reso.

Range-based EER can measure errors at a finer level.