

2021-11-11 Laxtha Data HR Results

작성 날짜: 2021-11-12

데이터셋

- 2021-11-11에 측정한 Laxtha sensor data 8건

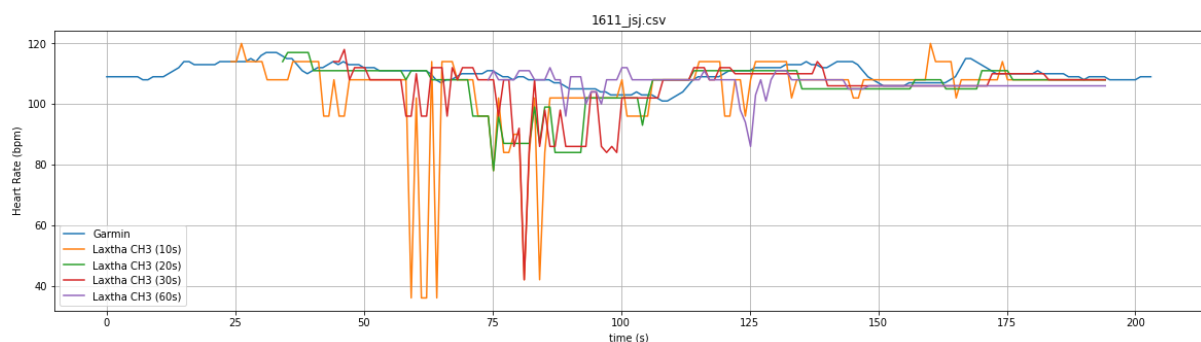
HR 도출 순서

1. sampling_frequency = 256(Hz)로 signal_window = 10, 20, 30, 60 (s) 로 두고 FFT 처리
2. 0.66 ~ 3.3 Hz (40 ~ 200 bpm) 에서 가장 dominant한 주파수 선택

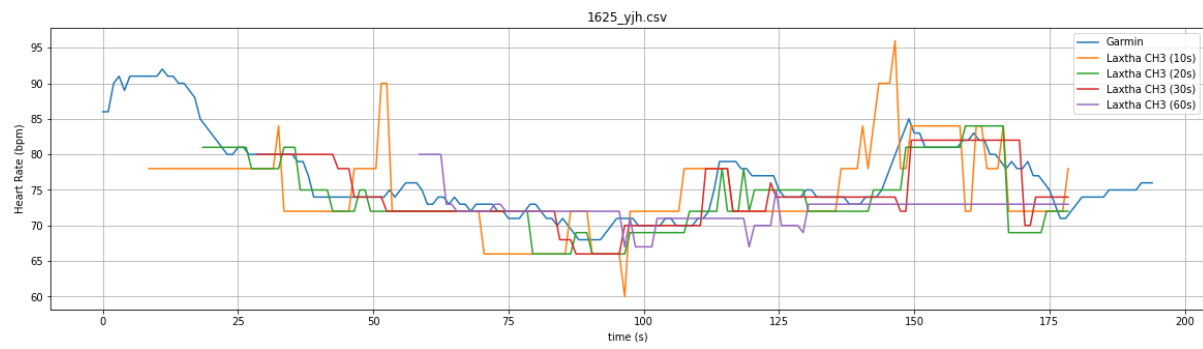
Garmin 측정 결과와 비교

- CH3와 CH4를 제외한 나머지 (CH1, 2, 5, 6, 7, 8) 데이터는 오차가 큼
- CH3와 CH4로 도출한 결과 → case3, case6 을 제외하면 Garmin 결과와 일치 비슷함.

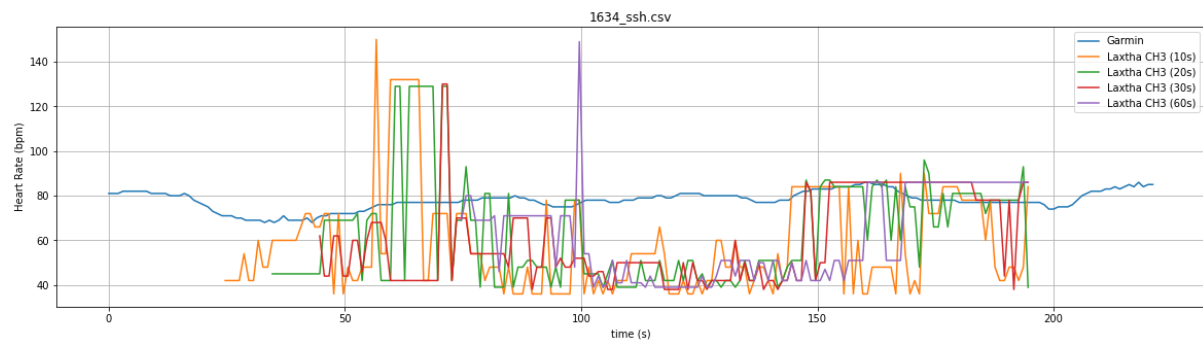
Case 1



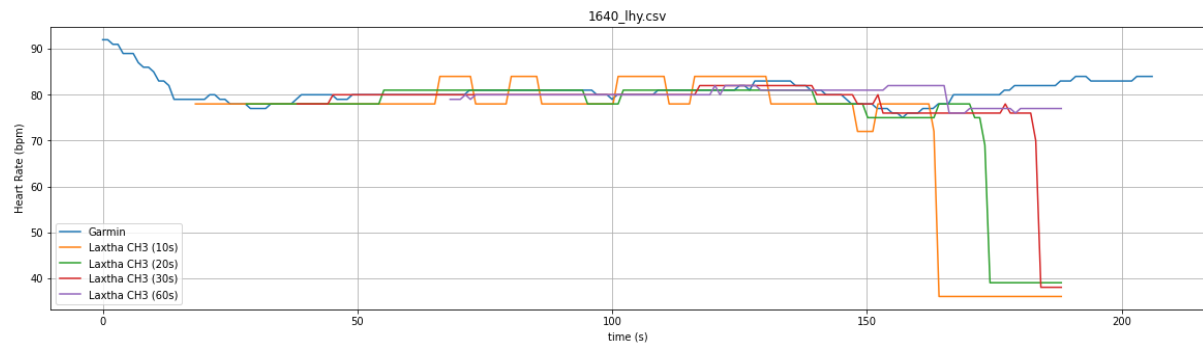
Case 2



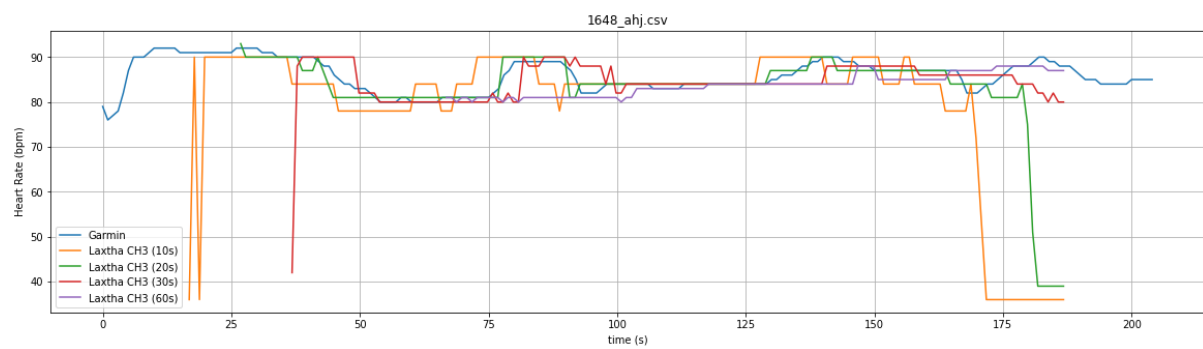
Case 3



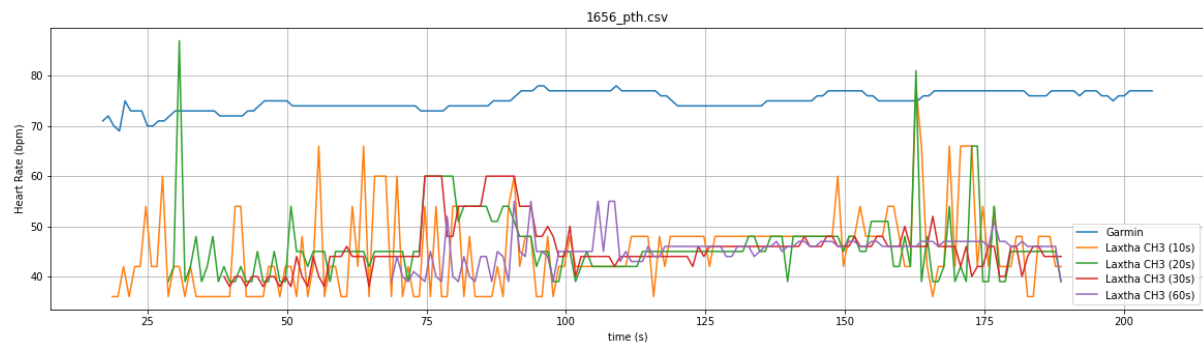
Case 4



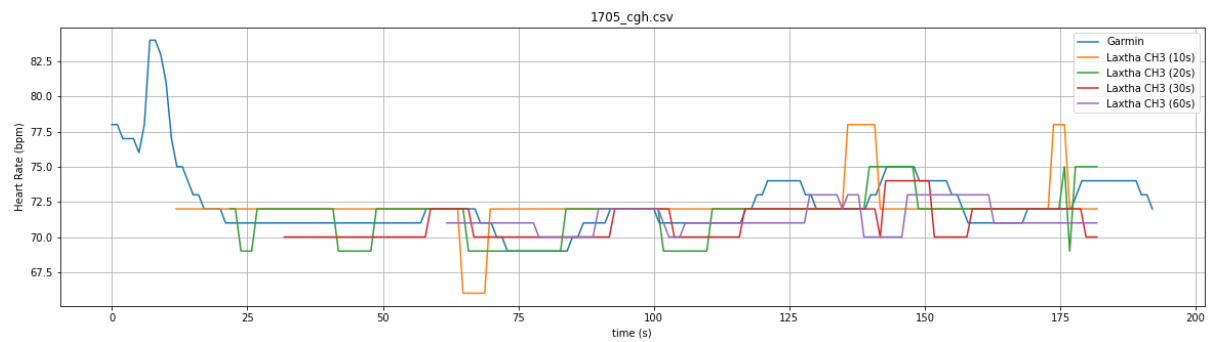
Case 5



Case 6



Case 7



Case 8

