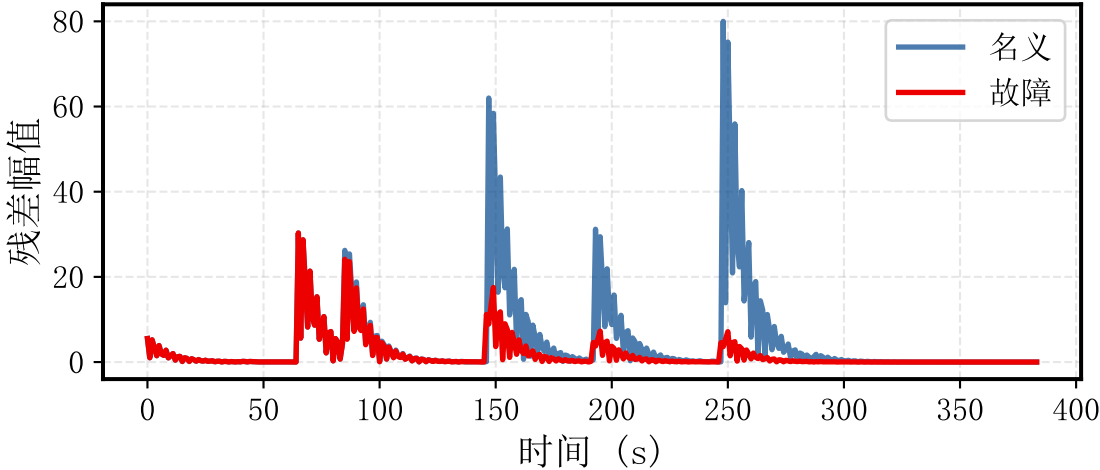
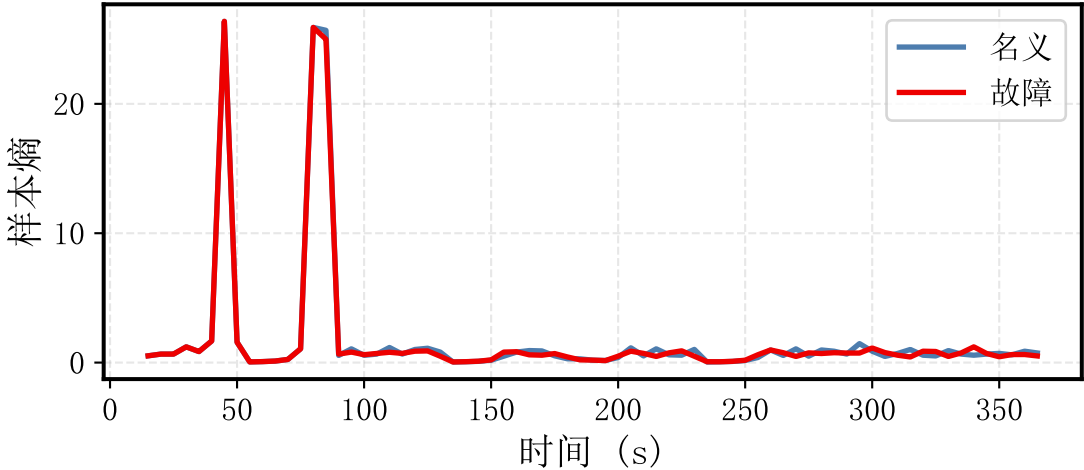


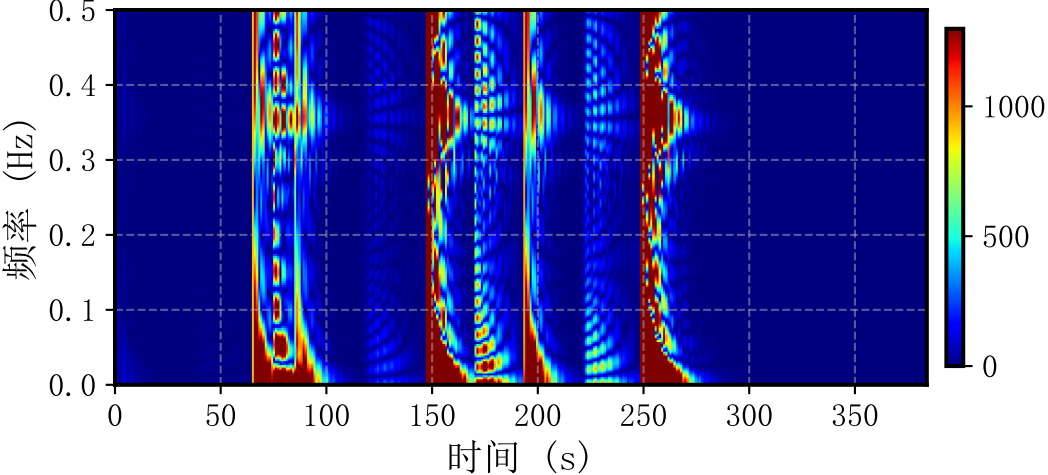
(a) ES0残差对比



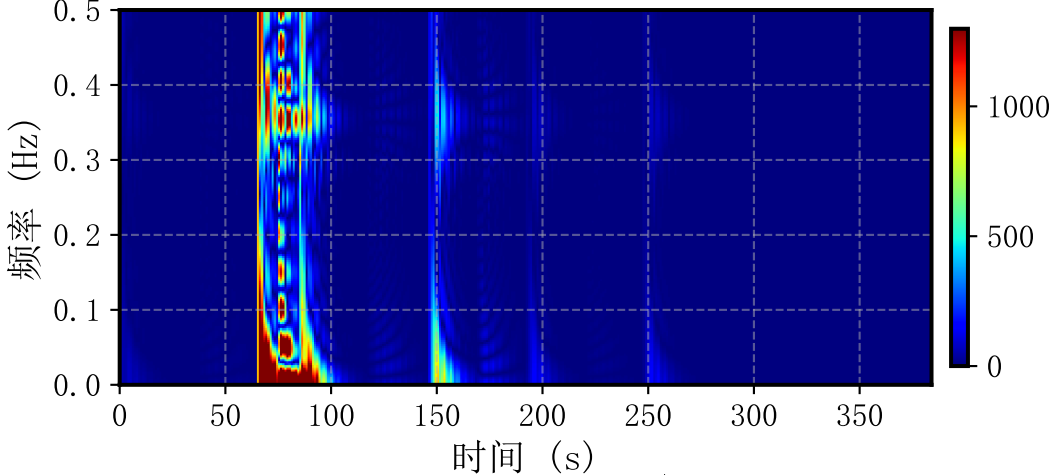
(b) 样本熵对比



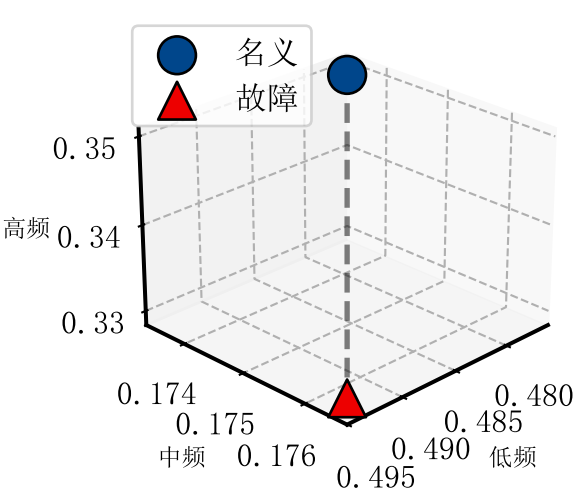
(c) PWVD时频图: 名义



(d) PWVD时频图: 故障



(e) 三维能量坐标



(f) 多源特征融合 | 诊断 $\eta=0.11$

