COMPARISON OF METHODS

Fig. 1: Example of visual review conducted with AcqKnowledge

Fig. 2: Example routine GUI output for post-hoc visual review

Fig. A1,A2: Ambulatory behavior not detected by routine with video. A2*) Higher amplitude spiking from normal waveforms described by VR

Fig. B1,B2: Eating behavior detected by routine and confirmed by post-hoc VR. B2*) Dense spiking clusters described by VR

Fig. C1,C2: P3 seizure detected by routine and confirmed by post-hoc VR with video confirmation. C2*) Likely seizure as described by VR

Fig. D1,D2: P5 seizure detected halfway after start by routine with post-hoc video confirmation. D2*) Likely seizure as described by VR