Table 3 Summary of available and required processing options

Processing option	Direct spectral estimation	Slotting technique	Interpolation method	Arrival-time quantization
Transit-time weighting (essential)	✓	✓	not available	✓
Forward-backward inter-arrival time weighting (fall back, sufficient only at high data density)	✓	✓	inherent	✓
Constant-value approximation for bias correction for short data records	✓	✓	✓	✓
Removal of self-products (essential)	✓	✓	not available	✓
Normalization (essential)	✓	✓	not available	✓
Local normalization	✓	✓	not available	✓
Truncation of the support of the correlation function	✓	inherent	✓	✓
Fuzzy slotting/fuzzy time quantization (not recommended anymore)	✓	✓	not available	not applicable