

		Entities		
		Node/Link	Group	Network
Temporal Features	Individual Events	Single Occurrences	Observe an entity appears or disappears independently (s1)	
			Examine structural (degree, density, centrality) or domain properties at a time point (s2)	
			Examine the number of node/link or group events (e.g. post, reply, report, invitation, page view) at a time point (s3)	
	Birth/Death		Find when a node/link or a group event appears/disappears (bd1)	
			Find an emergence of a new network structure such as an interaction pattern, or sub-groups (bd2)	
	Replacement		Find if and when a edge direction (e.g. replies) changes [rp1]	
	Shape of Changes	Growth & Contraction	Observe the growth/contraction of entities and their properties [gc1]	
			Observe growth/contraction of structure properties [gc2]	
		Convergence & Divergence	Observe if a structure property converges at a specific time point [cd1]	
			Find if a new structure emerges from the convergence [cd2]	
		Stability	Find if events or structural properties are stable [st1]	
			Find when the stabilization happen [st2]	
		Repetition	Find if events or structural properties change pattern repeats [re1]	
			Identify the pattern of the repetition [re2]	
	Rate of Changes	Peak/Valley	Find if/when events or structural properties show a peak or a valley (pv1)	
			Identify the shape of the peaks/valleys (pv2)	
			Identify when the peaks/valleys appear (pv3)	
	Rate of Changes	Fast & Slow	Identify how much changes occur at a given time [fs1]	
		Accelerate & Decelerate	Identify whether a change of events or structural properties is getting faster or slower [ad1]	