Table 4 Experts' opinion of essential subclasses for act, participation, entity, role, composition, section, entry, cluster, function role, and authentication in EHRs

Essential EHR classes	Essential subclasses	Mean of priority
Essential subclasses for act class	Observation	2.3
	Procedures (medication or surgery)	1.8
	Supply	3
	Financial action	3.4
	Management	3.3
Essential subclasses for participation class	Performer	1.5
	Author	2.6
	Subject	1.6
Essential subclasses for entity class	Physician, nurse, other care staff and non-care staff	1.4
	Hospital or other healthcare organizations	2
	Material and care devices	2.3
Essential subclasses for role class	Patient	2.6
	Attending physician or surgeon	1.6
	Nurse	2.1
	Paraclinical staff	3.2
	Financial staff	4.2
Essential subclasses for composition class	Clinical report, e.g., documentation of patient progress	1.1
	Paraclinical report such as laboratory results	1.7
	Health assessment	2.9
Essential subclasses for section class	Reason of encounter	1.1
	Past history, family history	2.8
	Allergy information	3
	Laboratory result	2.7
Essential subclasses for entry class	Clinical signs, e.g., vital signs	2
	Observation, test results	2.5
	Prescribed drugs	2.7
	Differential diagnosis	2.4
Essential subclasses for cluster class	Test results, e.g., electroencephalogram	2
	Weighted differential diagnoses	1.8
	Drug prescription organized as a time series	2
Essential subclasses for function role class	Function that was performed in the situation	1.2
	Identity of the agent performing the function	1.9
	The mode in which participation was made (e.g., in person, by telephone)	2.6
	The type of service location, department	2.5
Essential subclasses for attestation information class	The date and time at which attestation occurred	2.1
	The person who made this attestation	1.3

EHR = electronic health record.