

**Table S4.** Detailed information about the evaluation indicator system of the RSS of smart community development.

Dimension	indicators	Code	Description
Smart community safety system (SS)	Overall design	SS1	The sense of safety of this community master plan and implementation plan, i.e. your experience of the science, completeness and feasibility of this community master plan design and smart building plan.
	Construction guarantees	SS2	The sense of safety of the various types of security conditions in the smart construction of this community, i.e. your experience of the organizational security, financial security, institutional security, talent security and operation and maintenance security in the smart construction of this community.
	Platform data security	SS3	The sense of safety of this community information service platform, i.e. your experience of the community information service platform's establishment of a complete data security system to protect residents' personal privacy.
Smart community medical service (MS)	Resident health screening	MS1	The sense of safety about the health screening provided by our community, i.e. your experience of free medical check-ups, medical consultations and disease prevention and awareness services.
	Emergency ambulance	MS2	The sense of safety in providing emergency rescue services in this community is the experience of providing emergency rescue services in this community through healthy huts or peace of mind stations.
Smart community pension services (PS)	Emergency services for the elderly	PS1	The sense of safety in providing emergency services for the elderly to residents in this community means setting up a one-click call button based on internet plus technology platform, which is convenient for the elderly living at home to dock with their families, community party organizations and neighborhood committees, and ensures that the elderly can find the experience of docking people in time when they need help.
	Cultural activities for the elderly	PS2	The sense of safety in providing cultural activities for the elderly to residents in this community means your experience in setting up classes for the elderly and carrying out educational activities such as health care and first aid for the elderly in this community.
Smart community business service (BS)	Electric vehicle charging pile	BS1	The sense of safety of electric vehicle charging piles in this community means that the community uses intelligent technical means to provide electric vehicle charging services for different users and configure intelligent fire monitoring and early warning facilities and automatic fire extinguishing facilities.
	Smart catering service	BS2	The sense of safety for smart catering services in this community means your experience of online purchase, independent settlement and intelligent distribution provided by unmanned shops, restaurants and supermarkets in the community, which can timely carry

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Smart community property service (ProS)			out safety inspection and product quality after-sales guarantee.
	Intelligent access control	ProS1	The sense of safety about intelligent access control in this community means your experience about swiping the card to open the door, calling to open the door, face recognition to open the door, QR code to open the door, visitor registration and so on.
	Community security	ProS2	The sense of safety about community security service in this community means the experience of conducting community security patrol jointly with the intelligent platform in the community and community security personnel, and equipped with community security monitoring system.
	Intelligent firefighting	ProS3	The sense of safety about the intelligent fire service in this community is the experience of setting up intelligent fire facilities such as intelligent fire grid patrol management system, intelligent fire hydrant, fire alarm positioning system, fire alarm equipment, fire information transmission equipment and automatic fire extinguishing equipment in the smart community, and maintaining and managing these facilities.
	Facility and equipment repair	ProS4	The sense of safety in the emergency repair of facilities in this community means that you can get emergency repair in time when the facilities and home facilities in this community fail.
Smart community emergency service (ES)	Environmental enhancement	ProS5	The sense of safety in improving the environment in this community, that is, taking intelligent watering and intelligent pollution monitoring for community environmental management personnel has a positive impact on your health.
	Natural disaster response	ES1	The sense of safety in dealing with natural disasters in your community means your experience in using intelligent systems or platforms to monitor natural disasters such as floods and droughts, meteorological disasters and earthquake disasters in your community, and quickly respond and deal with them.
	Social security incident response	ES2	The sense of safety in dealing with social security incidents in your community means your experience in using intelligent systems or platforms to monitor social security incidents such as group incidents, criminal incidents and foreign-related emergencies, and quickly respond and deal with them.
	Public health incident response	ES3	The sense of safety in dealing with public health incidents in your community means your experience in using intelligent systems or platforms to monitor the epidemic situation of infectious diseases, mass unexplained diseases and other events that seriously affect public life safety, and to respond and deal with them quickly.
	Accident disaster response	ES4	The sense of safety in dealing with accidents and disasters in your community means your experience in

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			using intelligent systems or platforms to monitor accidents and disasters such as high-altitude parabolic, fire, gas explosion and traffic accidents, and to respond and deal with them quickly.
	Emergency assistance alarm	ES5	The sense of safety of emergency rescue alarm in this community means your experience of setting emergency help buttons in public areas of this community to push alarm information to emergency contacts or properties.
	Emergency cover	ES6	The sense of safety for emergency support in this community means your experience in accident early warning, emergency broadcast, emergency watch, emergency shelter guidance, emergency material reserve and so on.
	Safety awareness and education	ES7	The sense of safety of publicity and education in this community is the experience of setting up a special area for safety knowledge popularization and education and giving lectures on safety management knowledge and skills.
	Legal advocacy and assistance services	GS1	The sense of safety in legal publicity and aid services in this community means your experience in popularizing legal knowledge and legal aid in the community by combining information technology with traditional means.
	Community culture	GS2	The sense of safety about the community culture in this community is the experience of using information channels to carry out safety publicity, "safety knowledge quiz" and other activities.
Smart community governance service (GS)			