

Figure 1) understood characteristics of public spaces in Mashhad

Table 3) semantic classification of factors affecting public spaces' vitality

Semantic factors	Indicators	Characteristics	Number
Body	Environment quality	Green, air, sound, lighting, density, crowdedness, Environmental, visual and noise pollution, visual attractions, traffic, local residents, social diversity, peace, traditional fabric, legibility, shadow, being surrounded, openness, perspective	185
	Components	Elements, benches, cars, garbage cans, signs, boards, and walls	
	Appearance	Transparency, color, quality, materials' texture, penumbra, pattern	
	Physical features	Height, arrangement, scale, distance, flexibility, complexity, style, unity, similarity, order	
Activities	Direct	Watching, talking, discussing, national festivals, and rituals	87
	Indirect	Shopping, sitting, eating, walking, spending time, standing, smelling, commuting, communicating, moving	
Feelings (environment meaning)	Positive	Privacy, peace, trust, happiness, surprise, thinking, quietness, joy, beauty, memorizing, familiarity, attraction, freedom, vitality, activity, creativity, purposefulness, excitement, respect, entertaining, fantasy	130
	Negative	Carelessness, tiredness, fear, hate, force	
Nearby land uses	Entertaining	Cinema, park, restaurant, café, garden	29
	Commercial	Markets, malls, small shops	
	Official	Official	
	Service	Train stations, parking lots	
Environment function	Spaces	Sidewalk, nearby streets, nearby buildings, passages, entrance, walls, crosses, routes, space decoration, convenience	28

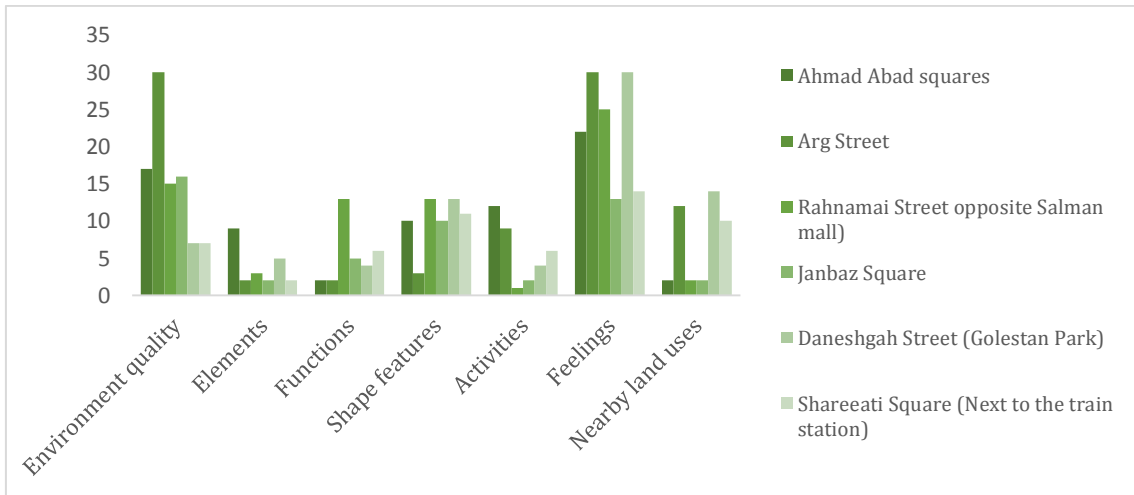


Figure 2) indicators' importance comparison in each space from people's perspective

