Multimedia Attachment to:
Past, Present, and Future of Simultaneous Localization And Mapping: Towards the Robust-Perception Age

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TABLE I: Datasets and Sensors for SLAM.

IMU (Inertial Measurement Unit), GPS (Global Positioning System), LABELS (Human-annotated labels), 2D/3D LIDAR (Light Detection And Ranging), LOC (Localization ground truth), MAP (map ground truth), RGB (color images), RGBD (color & depth images), Stereo (Bi/trinocular stereo images).

Topic	References	Data									
		IMU	GPS	Labels	LIDAR2D	LIDAR3D	LOC	MAP	RGB	RGBD	Stereo
Front-ends and back-ends in small / medium scale scenarios	[21]	✓					✓			✓	
	[24]						✓	✓	✓		
	[20]				✓						
	[14]	✓	✓		✓		✓	✓			
	[19]		✓		✓		✓				✓
	[10, 15]	✓	✓	✓	✓	✓	✓		✓		
	[8, 22, 23]	✓	✓								✓
	[6]	✓	✓	✓	✓	✓	✓		✓		✓
	[2]	✓					✓	✓	✓		✓
	[16]	✓	✓			✓				✓	✓
Back-ends in small / medium scale scenarios	[3, 11]			✓			✓				
Front-ends and back-ends in synthetic scenarios	[9]						✓	✓		✓	
Loop-closures	[7, 18]		✓						✓		
	[13]			✓					✓		
	[17]			✓	✓		✓		✓		
Long-term SLAM	[1, 5]			✓	✓				✓		
	[17]			✓	✓		✓		✓		
Semantic SLAM	[4]		✓	✓			✓		✓		
	[17, 25]			✓	✓		✓		✓		
Multi-robot SLAM	[12]			✓			✓				

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