

Table 1: Summary of literature review findings

Author(s)	Year	Reference	Variable selection	Data preparation/cleaning	Data source	System Complexity	Method Hardness
Hashemi <i>et al.</i>	1995	[13]	expert interviews		case	4.17	3.67
Korpela and Tuominen	1996	[24]	literature			4.67	3.33
Monczka <i>et al.</i>	1998	[31]	literature		survey	3.67	4.33
Kapuscinski <i>et al.</i>	2004	[19]	reasoning		case	4.00	4.17
Buckinx and Van den Poel	2005	[4]	literature		case	4.33	4.17
Oke and Szwajczewski	2005	[33]	literature		survey	4.42	3.50
Wu <i>et al.</i>	2006	[44]	statistical analysis		case	4.50	4.33
Rabelo <i>et al.</i>	2008	[35]	data analysis + interviews		case	4.33	4.33
Boyer and Frohlich	2006	[3]	literature		case	4.33	4.83
Chi <i>et al.</i>	2007	[10]	literature/?		case	4.33	5.00
Jain <i>et al.</i>	2007	[16]	literature	fuzzy logic	case	3.67	4.50
Larrain	2007	[26]	literature	mathemathical	governmental	4.25	4.50
Hosoda <i>et al.</i>	2008	[14]			Quick-scan	4.17	2.33
Doganis <i>et al.</i>	2008	[11]	from dataset: analysis (FPE, AIC)		case	4.08	4.83
Sezen	2008	[37]	literature		survey	4.75	5.00
Ketter <i>et al.</i>	2009	[20]	literature, quantitative		competition	4.42	3.83
Chatzidimitriou and Symeonidis	2009	[7]	correlation feature selection	reduction	competition	4.17	4.17
Pearson <i>et al.</i>	2010	[34]	literature		case	1.33	3.67
Liao and Chang	2010	[41]	literature		competition	1.25	4.83
Lu and Wang	2010	[30]	ICA feature de-mixing	ICA	case	4.33	4.50
Chen and Blue	2010	[8]	literature		case	4.17	3.83
Cao and Zhang	2010	[5]	expert interviews + Q-sort		survey	4.25	4.50
Cheng <i>et al.</i>	2010	[9]	literature	rough sets	case	4.33	4.33
Kamarianakis <i>et al.</i>	2010	[18]			case	4.58	5.00
Bendoly <i>et al.</i>	2012	[2]	literature, validated through interviews		survey	4.33	4.33
Simroth and Zhle	2011	[38]	literature		case	4.25	4.33
Kone and Karwan	2011	[23]	literature/?		iris data	4.25	4.00
Figliozzi	2011	[12]	literature		case	4.00	3.67
Jula and Leachman	2011	[17]			case	4.00	5.00
Leachman and Jula	2011	[28]			case	4.08	4.33
Vahdani <i>et al.</i>	2011	[40]			case	4.58	4.33
Li <i>et al.</i>	2012	[29]			case	4.42	3.83
Ketter <i>et al.</i>	2012	[21]	literature		competition	4.08	4.83
Chae <i>et al.</i>	2013	[6]			survey	3.92	2.83
Yu and Abdel-Aty	2013	[46]	data mining		case	4.42	3.33
Xu <i>et al.</i>	2013	[45]	literature	quantitative, based on other data	case	4.17	3.33
Lau <i>et al.</i>	2013	[27]	literature		generated	4.50	3.83
Wu	2013	[43]	literature		case	4.75	4.00
Moon <i>et al.</i>	2013	[32]	literature		case	4.17	4.00
Kouvelis <i>et al.</i>	2013	[25]	literature		case	3.58	4.50
Hyndman <i>et al.</i>	2013	[15]	literature		study	4.33	4.50
Rajagopalan	2013	[36]	literature/?		case	4.00	3.83
Williams <i>et al.</i>	2014	[42]	literature/?		case	4.25	3.50
Bagchi <i>et al.</i>	2014	[1]	literature		governmental	4.58	2.33
Sun <i>et al.</i>	2014	[39]				4.58	4.50
Khaleghei Ghosheh	2014	[22]		categorization	case	4.33	4.33
Balagh <i>et al.</i>							

## References

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