
Appendix A: Complete List of Selected Literature

In the following, we will display the selected publications for the literature review belongs to the found evaluation methods in the fields of human orientation (Table 1), security (Table 2), and visualization (Table 3).

Table 1 List of selected papers for human orientation (Evaluation Methods(*EM*):*Behavior-based* (*B*), *Opinion-based* (*O*), and *Predictive* (*P*) as well as Artifacts (*A*): *Theoretical* (*T*) and *Executable* (*E*)).

A		EM			Reference
E	T	B	O	P	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Corallo et al. (2007)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanderfeesten and Reijers (2006)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Kleiner (2004); Brander et al. (2011); Delias et al. (2011); Gupta et al. (2011); Dorn et al. (2011)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Russo et al. (2012)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Koschmider et al. (2010)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nakatumba and Aalst (2010)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Nissen (2005)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vanderfeesten and Reijers (2005); Vanderfeesten (2005); Waal and Batenburg (2009)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Capon and Ramsay (1997)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Huang et al. (2011); Satzger et al. (2011); Martinho and Silva (2012); Plakoutsi et al. (2013)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Stoitsev et al. (2008); Dengler and Vrandecic (2011); Sousa et al. (2011)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Seidel et al. (2010a); Witschel et al. (2010); Seidel (2011)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kolb et al. (2012c)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Becker-Kornstaedt et al. (1999); Frank et al. (2000); Faustmann (2000); van der Aalst and Kumar (2001); Jørgensen (2002); Zur Muehlen (2004); van der Aalst and Song (2004); Jang and Choi (2004); Hee et al. (2005); Russell et al. (2005); Bayer et al. (2006); Xiao et al. (2006); Roger et al. (2006); La Rosa et al. (2007); Seidel et al. (2007); Russell and Aalst (2008); Macris et al. (2008); Schonenberg et al. (2008); Kunzle and Reichert (2009); Dorn et al. (2010); Leonardi et al. (2010); Ouyang et al. (2010); Seidel et al. (2010b); Daniel et al. (2010); Zacarias et al. (2010); Glykas (2011); Ouyang et al. (2011); Sajjad et al. (2011); Yu et al. (2011); Kabicher and Rinderle-Ma (2011); Puente and Díaz (2012); Kabicher-Fuchs and Rinderle-Ma (2012); Grambow et al. (2012)

Table 2 List of selected papers for security (Evaluation Methods(*EM*):*Behavior-based* (*B*), *Opinion-based* (*O*), and *Predictive* (*P*) as well as Artifacts (*A*): *Theoretical* (*T*) and *Executable* (*E*)).

A		EM			Reference
E	T	B	O	P	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	D'Aubeterre et al. (2009, 2008)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Paci et al. (2008)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Casati et al. (2001); Gudes and Tubman (2002); Wu et al. (2002); Singh and Salam (2006); Thomas et al. (2007); Russello et al. (2008); Lehmann and Lohmann (2012)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Spears and Barki (2010)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thomas and Sandhu (1993); Atluri and Huang (1996, 1997); Bertino et al. (1997); Gudes et al. (1998); Bertino et al. (1999); Gudes et al. (1999); Huang and Atluri (1999); Ahn et al. (2000); Botha and Eloff (2001a,b,c); Kang et al. (2001); Park et al. (2001); Kandala and Sandhu (2002); Lodderstedt et al. (2002); Venter and Olivier (2002); Wainer et al. (2003); Hung and Karlapalem (2003); Koshutanski and Massacci (2003); Kalam et al. (2003); Basin et al. (2003); Oh and Park (2003); Koshutanski and Massacci (2004); Shafiq et al. (2005); Weber et al. (2005); Sun et al. (2006); Bertino et al. (2006); Kim et al. (2006); Bhatti et al. (2007); Agrawal et al. (2007); Wainer et al. (2007); Wolter et al. (2008); Iyer et al. (2008); Gaaloul et al. (2008); Mendling et al. (2008); Wolter et al. (2009); Cao et al. (2009); Park et al. (2009); Wang and Bayrak (2009); Hasebe and Mabuchi (2010); Hsiao and Hwang (2010); Gaaloul et al. (2010); Accorsi et al. (2011); Arsac et al. (2011); Fuchs et al. (2011); Leitner et al. (2011b,a); Ma et al. (2011); Monakova and Schaad (2011); Brucker and Hang (2012); Cabanillas et al. (2012); Khan and Fong (2012); Leitner et al. (2012); Lim et al. (2012)

Table 3 List of selected papers for visualization (Evaluation Methods(*EM*):*Behavior-based* (*B*), *Opinion-based* (*O*), and *Predictive* (*P*) as well as Artifacts (*A*): *Theoretical* (*T*) and *Executable* (*E*)).

A		EM			Reference
E	T	B	O	P	
☒	☐	☐	☐	☒	Cleetus et al. (1996); Mann (1999); Schönhage et al. (2000); Six and Tollis (2002); Ferraiolo et al. (2003); Yang et al. (2004); Hodel et al. (2004); Prechelt and Hutzler (2005); van der Aalst (2005); Hao et al. (2006); Dury et al. (2007); Suntinger et al. (2008); Melcher and Seese (2008); Gregoriades and Sutcliffe (2008); Bergenthum et al. (2008); Zhao et al. (2009); Albrecht et al. (2010); Brown et al. (2011); Guo et al. (2011); Claes et al. (2012); Misue and Yazaki (2012); Kabicher-Fuchs et al. (2012)
☒	☐	☐	☒	☒	Li et al. (2007); West et al. (2010); Frisch and Dachselt (2010); Müller et al. (2012); Seyfang et al. (2012)
☒	☐	☒	☐	☒	Poppe et al. (2012)
☒	☐	☒	☒	☐	Feng et al. (2010)
☒	☐	☒	☒	☒	Kriglstein et al. (2012)
☐	☒	☐	☐	☒	Ferraiolo et al. (1999); Koch et al. (2002); Virine and Rapley (2003); Momotko and Nowicki (2003); Günther and van der Aalst (2006); Kindler and Ples (2004); Brown and Paik (2005); Dustdar et al. (2005); Streit et al. (2005); Barborcka et al. (2006); Bobrik et al. (2006); Bobrik and Bauer (2007); Hammori et al. (2006); Stilhammer et al. (2006); Rozinat and van der Aalst (2006); Rozinat and der Aalst (2006); Jørgensen et al. (2007); Maier and Minas (2007); Betz et al. (2008); Polyvyanyy et al. (2008); Kovács and Gónczy (2008); Varró et al. (2008); Xu et al. (2008); Cruz et al. (2008); Song and van der Aalst (2008); Brown and Paik (2009); Wong et al. (2009); Brown and Recker (2009); Eichhorn et al. (2009); Tominski (2011); Kitzmann et al. (2009); Draheim et al. (2009); Fritzsche et al. (2009); Bergenthum et al. (2009); Reichert et al. (2010); Maier and Minas (2010); Mosser et al. (2010); Esgin et al. (2010); Cruz et al. (2010); Hernández et al. (2010); Poelmans et al. (2010); Zhang et al. (2010); Günther et al. (2009); Müller and Rogge-Solti (2011); Kedji et al. (2011); Harbach and Smith (2011); Kim et al. (2011); Molloy et al. (2011); Jans et al. (2011); Lodhi et al. (2013); Forestier et al. (2012); Kolb et al. (2012a,b); Karagiannis et al. (2012); Deng et al. (2012); Ly et al. (2012); Kriglstein and Rinderle-Ma (2012); Lawson and Zhu (2012); Monakova et al. (2012); Brucker et al. (2012); Mahdiraji et al. (2012)
☐	☒	☐	☒	☒	Kabicher et al. (2011)
☒	☒	☐	☐	☒	Glicksman et al. (1995); Muic and Matko (1999); Jain et al. (2001); Rozinat et al. (2008); Kochut et al. (2003); Ermel et al. (2003); Karger and Quan (2004); Dongen and Aalst (2004a,b); van der Aalst et al. (2005); Kleiner (2005); Yamamoto et al. (2005); Shan et al. (2006); Hlupic et al. (2006); Jablonski and Goetz (2007); Jensen et al. (2007); Zhang and Serban (2007); Philippí and Hill (2007); Leoni et al. (2008); Ren et al. (2008); Maier and Minas (2008); Verbeek et al. (2008); van der Aalst et al. (2008); Rozinat and van der Aalst (2008); Mankanju et al. (2008); Carmona et al. (2008); Cardi et al. (2009); Schumm et al. (2009); Piessens et al. (2010); Mans et al. (2010); Brown (2010); Jiang et al. (2010); Hegedüs et al. (2010); Hines et al. (2010); Kühne et al. (2010); Bose and van der Aalst (2010); Rodríguez et al. (2010); Veiga and Ferreira (2009); van der Aalst et al. (2011); Li et al. (2011); Ploom et al. (2012); Guo et al. (2012); Dobrilovic et al. (2012); Colantonio et al. (2012); Sohr et al. (2012); Liu et al. (2012); Gouglidis and Mavridis (2012); Adriansyah and Buijs (2012); de Leoni et al. (2012b); Jagadeesh Chandra Bose and van der Aalst (2012); Ferreira and Alves (2012)
☒	☒	☐	☒	☒	Gottschalk et al. (2009); Motahari-Nezhad et al. (2011); Nasirifard et al. (2011); Zugal et al. (2012); Cheek and Shehab (2012); Pantazos et al. (2012)
☒	☒	☒	☒	☒	Giordano et al. (2010); de Leoni et al. (2012a)

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