

Frequent category combination patterns

12 patterns with at least 15 categories and data support of at least 10%

Category combination	Support	Citation keys
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Opacity E.6.2 Opacity</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p> <p>Practitioners H.2 Practitioners / Domain Experts</p>	66 (12%)	<p>[Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Caballero2019V], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Chen2023Federated], [Cheng2022ACMViz], [Chu2023A], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Frohler2016GEMSe], [Ghai2023D], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Hoque2021Outcome], [Jin2022GNNLens], [Jin2023A], [Kahng2018ActiVis], [Knittel2021Visual], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2018EmbeddingVis], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Sivaraman2022Emblaze], [Spinner2020explAIner], [Teng2023VISPU], [Tyagi2023NAS], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2020ConceptExplorer], [Wang2021Visual], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xu2021mTSeer], [Xuan2022VAC], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest]</p>
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Instance-based E.3.2 Instance-based / Individual</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Opacity E.6.2 Opacity</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p>	64 (11%)	<p>[Alsallakh2018Do], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Cashman2019Ablate], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Cheng2022ACMViz], [Das2020QUESTO], [Deng2023Visual], [Dilawer2023MultiCaM], [Feng2023XNLI], [Frohler2016GEMSe], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Huang2021A], [Jin2023A], [Jin2023ShortcutLens], [Kahng2018ActiVis], [Krause2021Visual], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2019Explaining], [Ma2021A], [Ma2021Visual], [Metz2023VISITOR], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Prasad2023ProactiV], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Wang2018GANViz], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2020SCANViz], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023Extending], [Wu2023ATICVis], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest]</p>
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Instance-based E.3.2 Instance-based / Individual</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p>	62 (11%)	<p>[Ahn2019FairSight], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Brooks2015FeatureInsight], [Cashman2019AUser], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Chen2018AnchorViz], [Cheng2022ACMViz], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Frohler2016GEMSe], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Jin2023A], [Kahng2018ActiVis], [Krause2017AWorkflow], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2023VisualNeuron], [Li2023Visual], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019ProtoSteer], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID],</p>

<p>Practitioners H.2 Practitioners / Domain Experts</p>		<p>[Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023DRAVA], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Yuan2022iSEA], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhang2023SliceTeller], [Zhao2019Oui], [Zhao2019iForest]</p>
<p>2D E.1.1 2D Computed E.2.1 Computed Aggregated Inf. E.3.1 Aggregated Information Instance-based E.3.2 Instance-based / Individual Select E.5.1 Select Explore E.5.2 Explore / Browse Encode E.5.4 Encode Filter E.5.5 Filter / Query Abstract E.5.6 Abstract / Elaborate Connect E.5.7 Connect Color E.6.1 Color Opacity E.6.2 Opacity Performance G.4.3 Performance Metrics Validation G.5.3 Metrics Validation / Results Practitioners H.2 Practitioners / Domain Experts</p>	<p>61 (11%)</p>	<p>[Arunkumar2023LINGO], [Bauerle2022Symphony], [Bernard2021ProSeCo], [Boggust2022Embedding], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Cheng2022ACMViz], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Frohler2016GEMSe], [Gleicher2020Boxer], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Jin2023A], [Kahng2018ActiVis], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2017EasySVM], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Puhringer2020InstanceFlow], [Rostamzadeh2021VERONICA], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Tamagnini2017Interpreting], [Tenney2020The], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2021Investigating], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2022HyIDSVis], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest], [Zhao2022Human]</p>
<p>2D E.1.1 2D Computed E.2.1 Computed Mapped E.2.2 Mapped Aggregated Inf. E.3.1 Aggregated Information Instance-based E.3.2 Instance-based / Individual Select E.5.1 Select Explore E.5.2 Explore / Browse Encode E.5.4 Encode Filter E.5.5 Filter / Query Abstract E.5.6 Abstract / Elaborate Connect E.5.7 Connect Color E.6.1 Color Performance G.4.3 Performance Visualization Evaluation G.5.2 Visualization Evaluation Metrics Validation G.5.3 Metrics Validation / Results</p>	<p>58 (10%)</p>	<p>[Ahn2019FairSight], [Alsallakh2018Do], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Brooks2015FeatureInsight], [Cabrera2023Zeno], [Cashman2019AUser], [Cashman2019Ablate], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chen2016DropoutSeer], [Chen2018AnchorViz], [Chotisarn2021Deep], [Das2020QUESTO], [Dilawer2023MultiCaM], [Feng2023XNLI], [Guo2021Interpretable], [He2022Where], [He2023VideoPro], [Huang2021A], [Kahng2018ActiVis], [Krause2017AWorkflow], [Krause2021Visual], [Kwon2018Clustervision], [Li2021T3], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2019Explaining], [Metz2023VISITOR], [Ming2019ProtoSteer], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Nie2018Visualizing], [Park2021VATUN], [Pezzotti2018DeepEyes], [Pomme2023NetPrune], [Prasad2023ProactiV], [Puhringer2020InstanceFlow], [Shao2023Visual], [Spinner2020explAIner], [Wang2018GANViz], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wu2023ATICVis], [Xu2019EnsembleLens], [Xuan2022VAC], [Yuan2022iSEA], [Zhang2023LabelVizier], [Zhang2023SliceTeller], [Zhao2019Oui], [Zhao2019iForest]</p>
<p>2D E.1.1 2D Computed E.2.1 Computed Aggregated Inf. E.3.1 Aggregated Information Instance-based E.3.2 Instance-based / Individual Select E.5.1 Select Explore E.5.2 Explore / Browse Encode E.5.4 Encode Filter E.5.5 Filter / Query Abstract E.5.6 Abstract / Elaborate Connect E.5.7 Connect Color E.6.1 Color Opacity E.6.2 Opacity Visualization Evaluation G.5.2 Visualization Evaluation Metrics Validation G.5.3 Metrics Validation / Results Practitioners H.2 Practitioners / Domain Experts</p>	<p>58 (10%)</p>	<p>[Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Cheng2022ACMViz], [Collaris2022StrategyAtlas], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Florice12023Roses], [Frohler2016GEMSe], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Hoque2023Visual], [Jin2023A], [Kahng2018ActiVis], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Piringer2010HyperMoVal], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Strobel2019Seq2seq], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2021A],</p>

		[Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest]
<p>Classification (sup.) B.2.1.1 Classification</p> <p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Instance-based E.3.2 Instance-based / Individual</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p>	57 (10%)	[Ahn2019FairSight], [Alsallakh2018Do], [Bauerle2022Symphony], [Boggust2022Embedding], [Brooks2015FeatureInsight], [Cabrera2023Zeno], [Cashman2019AUser], [Cashman2019Ablate], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Chen2023A], [Das2020QUESTO], [Deng2023Visual], [Dilawer2023MultiCaM], [Guo2021Interpretable], [Hazarika2019NNVA], [Huang2021A], [Jin2023ShortcutLens], [Kahng2018ActiVis], [Krause2017AWorkflow], [Krause2021Visual], [Kwon2019RetainVis], [Li2023VisualNeuron], [Li2023Visual], [Lin2018RCLens], [Liu2019NLIZE], [Ma2019Explaining], [Ma2021A], [Ma2021Visual], [Ming2019ProtoSteer], [Ming2019RuleMatrix], [Murugesan2019DeepCompare], [Nie2018Visualizing], [Park2021VATUN], [Pezzotti2018DeepEyes], [Pomme2023NetPrune], [Prasad2023ProactiV], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Wang2018GANViz], [Wang2019ATMSeer], [Wang2020SCANViz], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023DRAVA], [Wang2023Extending], [Wu2023ATICVis], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2023SliceTeller], [Zhao2019iForest]
<p>Model-agnostic D.1 Model-agnostic / Black Box</p> <p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p> <p>Practitioners H.2 Practitioners / Domain Experts</p>	57 (10%)	[Ahn2019FairSight], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Brooks2015FeatureInsight], [Caballero2019V], [Cashman2019AUser], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chen2016DropoutSeer], [Chen2018AnchorViz], [Chen2023Federated], [Chu2023A], [Das2020QUESTO], [Feng2023XNLI], [Frohler2016GEMSe], [Ghai2023D], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Hoque2021Outcome], [Jin2022GNNLens], [Krause2017AWorkflow], [Kwon2018Clustervision], [Li2018EmbeddingVis], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Murugesan2019DeepCompare], [Pezzotti2018DeepEyes], [Sivaraman2022Emblaze], [Spinner2020explAIner], [Teng2023VISPUR], [Wang2019ATMSeer], [Wang2019DeepVID], [Wang2020ConceptExplorer], [Wang2021Visual], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023DRAVA], [Xie2023Towards], [Xu2019EnsembleLens], [Xu2021mTSeer], [Yuan2022VisualExploration], [Yuan2022iSEA], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhang2023SliceTeller], [Zhao2019Oui]
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Instance-based E.3.2 Instance-based / Individual</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Opacity E.6.2 Opacity</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p> <p>Practitioners H.2 Practitioners / Domain Experts</p>	57 (10%)	[Antweiler2022Visualizing], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023HardVis], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Cheng2022ACMViz], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Frohler2016GEMSe], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Jin2023A], [Kahng2018ActiVis], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2022A], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Suschnigg2021Visual], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2022M2Lens], [Wang2022When], [Wang2023CommonsenseVIS], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest]
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Bar Charts E.4.1 Bar Charts</p>	56 (10%)	[Ahn2019FairSight], [Bauerle2022Symphony], [Boggust2022Embedding], [Brooks2015FeatureInsight], [Caballero2019V], [Cashman2019AUser], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler],

<p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p> <p>Practitioners H.2 Practitioners / Domain Experts</p>		<p>[Chen2016DropoutSeer], [Cheng2022ACMViz], [Chu2023A], [Deng2023Visual], [Feng2023XNLI], [Ghai2023D], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2023VideoPro], [Hoque2021Outcome], [Jin2022GNNLens], [Knittel2021Visual], [Krause2017AWorkflow], [Kwon2018Clustervision], [Kwon2019RetainVis], [Li2018EmbeddingVis], [Lin2018RCLens], [Ma2021Visual], [Ming2019ProtoSteer], [Ming2019RuleMatrix], [Munz2022Visualization], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Sivaraman2022Emblaze], [Teng2023VISPUR], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2021Visual], [Wang2023DRAVA], [Xu2019EnsembleLens], [Xu2021mTSeer], [Xuan2022VAC], [Yuan2022VisualExploration], [Yuan2022iSEA], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhang2023SliceTeller], [Zhao2019Oui], [Zhao2019iForest]</p>
<p>Model-agnostic D.1 Model-agnostic / Black Box</p> <p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Filter E.5.5 Filter / Query</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Opacity E.6.2 Opacity</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p>	<p>55 (10%)</p>	<p>[Alsallakh2018Do], [Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Caballero2019V], [Cashman2019Ablate], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chen2016DropoutSeer], [Chen2023Federated], [Chu2023A], [Das2020QUESTO], [Dilawer2023MultiCaM], [Feng2023XNLI], [Frohler2016GEMSe], [Ghai2023D], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Hoque2021Outcome], [Jin2022GNNLens], [Jin2023ShortcutLens], [Krause2021Visual], [Kwon2018Clustervision], [Li2018EmbeddingVis], [Lin2018RCLens], [Liu2019NLIZE], [Ma2019Explaining], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Murugesan2019DeepCompare], [Pezzotti2018DeepEyes], [Prasad2023ProactiV], [Sivaraman2022Emblaze], [Spinner2020explAIner], [Talbot2009EnsembleMatrix], [Teng2023VISPUR], [Wang2019ATMSeer], [Wang2019DeepVID], [Wang2020ConceptExplorer], [Wang2021Visual], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Xie2023Towards], [Xu2019EnsembleLens], [Xu2021mTSeer], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui]</p>
<p>2D E.1.1 2D</p> <p>Computed E.2.1 Computed</p> <p>Aggregated Inf. E.3.1 Aggregated Information</p> <p>Instance-based E.3.2 Instance-based / Individual</p> <p>Select E.5.1 Select</p> <p>Explore E.5.2 Explore / Browse</p> <p>Encode E.5.4 Encode</p> <p>Abstract E.5.6 Abstract / Elaborate</p> <p>Connect E.5.7 Connect</p> <p>Color E.6.1 Color</p> <p>Opacity E.6.2 Opacity</p> <p>Performance G.4.3 Performance</p> <p>Visualization Evaluation G.5.2 Visualization Evaluation</p> <p>Metrics Validation G.5.3 Metrics Validation / Results</p> <p>Practitioners H.2 Practitioners / Domain Experts</p>	<p>55 (10%)</p>	<p>[Arunkumar2023LINGO], [Bauerle2022Symphony], [Boggust2022Embedding], [Cashman2021CAVA], [Cavallo2019Clustrophile2], [Chatzimparmpas2020t-viSNE], [Chatzimparmpas2021StackGenVis], [Chatzimparmpas2021VisEvol], [Chatzimparmpas2022FeatureEnVi], [Chatzimparmpas2023VisRuler], [Chen2016DropoutSeer], [Cheng2022ACMViz], [Collaris2020ExplainExplore], [Das2020QUESTO], [Deng2023Visual], [Feng2023XNLI], [Frohler2016GEMSe], [Guo2021Interpretable], [Hao2023TimeTuner], [Hazarika2019NNVA], [He2022Where], [He2023VideoPro], [Jin2023A], [Kahng2018ActiVis], [Kwon2018Clustervision], [Kwon2019RetainVis], [Kwon2022RMExplorer], [Li2023VisualNeuron], [Lin2018RCLens], [Liu2019NLIZE], [Ma2021A], [Ma2021Visual], [Ming2019RuleMatrix], [Munz2022Visualization], [Murugesan2019DeepCompare], [Park2021VATUN], [Pezzotti2018DeepEyes], [Puhringer2020InstanceFlow], [Shao2023Visual], [Sielaff2022Visual], [Spinner2020explAIner], [Velumani2022AQX], [Wang2019ATMSeer], [Wang2019DQNViz], [Wang2019DeepVID], [Wang2022M2Lens], [Wang2023CommonsenseVIS], [Wang2023Extending], [Xie2023Towards], [Xu2019EnsembleLens], [Xuan2022VAC], [Zhang2023CohortVA], [Zhang2023LabelVizier], [Zhao2019Oui], [Zhao2019iForest]</p>