






		Tasks								DR Algorithm					
		Dimensions					Point Clusters			Algorithmic Input	Dim. Filtering		Dim. Synthesis		
		Find important	Group correlated	Compare groups	Name new	Unmap new	Name blobs	Match blobs classes	Refine DR, Vis, clust.		Manual	Auto	Lin	Non-lin: Gen.	Non-lin Man.
BoatAct	policy analysis		X*				X	X					X	X	
Concept	biology				X		X	X*			X		X	X	
FishPop	policy analysis			X*											
FlockSim	mathematics	X*		X			X		X		X				
MoCap A	machine learning							X*	X		X	X	X		
MoCap B	machine learning									X*		X	X		
Music A	HCI						X*	X*	X*				X		
Music B	HCI	X	X		X	X*							X		
NPAIgo	algorithms			X*	X					X	X				
StrucGen	biology			X*			X	X	X		X				
TxtDocs	journalism						X*	X	X					X	
<i>Faces</i> 	computer vision				X*										X
ChemRel	chemistry	X		X				X	X					X	
CompBio	biology						X	X	X	X	X	X			
EpiGen	biology	X	X				X		X				X	X	
GamMdl	algorithms			X			X		X						
MedImg	computer vision			X			X		X		X				
Polymers	chemistry						X		X				X	X	
ProstCan	biology	X		X				X	X	X	X	X	X	X	
Search	HCI	X			X	X	X	X	X				X	X	
SeqAln A	biology						X	X	X				X	X	
SeqAln B	biology						X		X	X				X	
SeqAln C	biology						X		X					X	
<i>ArtShp</i> 	graphics							X	X	X				X	
<i>MorseCd</i> 	statistics				X		X							X	
<i>BRDF</i> 	graphics				X								X		X
<i>Quadrup</i> 	graphics				X					X			X		
		6	3	8	8	2	15	11	19	7	7	4	13	13	2
		17 of 27 usage examples					20 of 27			7 of 27	25 of 27				