## Expected Patterns for Benchmark Queries of Groups C, D, E and F, of IMDb

# Query	Expected Patterns		# Query	Expected Patterns
		Group	С	
12	?n1 rdf:type <work> .</work>		13	?n1 rdf:type <work>.</work>
	?n2 ?p "%johnny%depp%" .			?n2 ?p "%morgan%freeman%" .
	?n1 ?j ?n2			?n1 ?j ?n2
14	?n1 rdf:type <movie> .</movie>		15	?n1 rdf:type <movie> .</movie>
	?n2 ?p "%atticus%finch%" .			?n2 ?p "%indiana%jones%" .
	?n1 ?j ?n2			?n1 ?j ?n2
16	?n1 rdf:type <movie> .</movie>		17	?n1 rdf:type <movie> .</movie>
	?n2 ?p "%james%bond%" .			?n2 ?p "%rick%blaine%" .
	?n1 ?j ?n2			?n1 ?j ?n2
18	?n1 rdf:type <movie>.</movie>		19	?n1 rdf:type <movie>.</movie>
	?n2 ?p "%will%kane%" .			?n2 ?p "%dr.%hannibal%lecter%" .
20	?n1 ?j ?n2		0.1	?n1 ?j ?n2
20	?n1 rdf:type <movie>.</movie>		21	?n1 rdf:type <movie>.</movie>
	?n2 ?p "%norman%bates%". ?n1 ?j ?n2			?n2 ?p "%darth%varder%". ?n1 ?j  ?n2
าา	?n1 rdf:type <movie> .</movie>		23	?n1 rdf:type <movie>.</movie>
22	?n2 ?p "%the.%wicked%of%the%west".		23	?n2 ?p "%nurse%ratched%".
	?n1 ?j ?n2			?n1 ?j ?n2
24	?n1 ?p "%jaques%clouseau%".		25	?n1 ?p "%jack%ryan%".
24	?n2 rdf:type <actor>.</actor>			?n2 rdf:type <actor>.</actor>
	?n1 ?j ?n2			?n1 ?j ?n2
26	?n1 ?p "%terminator%".	•	l.	-
	?n2 rdf:type <actor> .</actor>			
	?n1 ?j ?n2			
		Group 1	D	
27	?n1 ?p1 "%frank%horrigan%".		28	?n1 ?p1 "%2004%".
	?n2 ?p2 "%clint%eastwood%".			?n2 ?p2 "%tom%hanks%".
	?n1 ?p ?n2			?n1 ?j ?n2
29	?n1 ?p1 "%1951%".			
	?n2 ?p2 "%audrey%hepburn%".			
	?n1 ?j ?n2	-		
20	2nd military a Wanda	Group		?n1 rdf:type <work>.</work>
30	?n1 rdf:type <work>. ?n2 ?p1 "%julia%roberts%".</work>		31	?n1 rdi:type < work>. ?n2 ?p1 "%harrison%ford%".
	?n3 ?p2 "%richard%gere%".			?n3 ?p2 "%george%lucas%".
	?n1 ?j1 ?n2 .			?n1 ?j1 ?n2 .
	?n1 ?j2 ?n3			?n1 ?j2 ?n3
32	?n1 rdf:type <work>.</work>		33	?n1 rdf:type <work>.</work>
-	?n2 ?p1 "%sean%connery%".		1	?n2 ?p1 "%keanu%reeves%".
				. II D. P. F. FORCERIE FOR CO.
	?n3 ?p2 "%ian%fleming%".			?n3 ?p2 "%lana%wachowski%".
	?n3 ?p2 "%ian%fleming%". ?n1 ?j1 ?n2 .			
	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3			?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%".		35	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%".		35	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%".
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 .		35	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%".
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%".		35	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>.</person>
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 .		35	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 .</person>
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 .			?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>.</person>
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3	Group		?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 .</person>
34	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 .	Group		?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 .</person>
	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3  ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3  ?n1 rdf:type <work>. ?n2 ?p1 "%nathan%algren%".</work>	Group	F	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 . ?n2 ?j2 ?n3</person>
	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3  ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3   ?n1 rdf:type <work>. ?n2 ?p1 "%nathan%algren%". ?n3 ?p2 "%tom%cruise%".</work>	Group	F	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 . ?n2 ?j2 ?n3  ?n1 rdf:type <work>.</work></person>
	?n1 ?j1 ?n2 . ?n1 ?j2 ?n3  ?n2 ?p1 "%dean%jones%". ?n3 ?p2 "%herbie%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3  ?n1 rdf:type <work>. ?n2 ?p1 "%nathan%algren%".</work>	Group	F	?n3 ?p2 "%lana%wachowski%". ?n1 ?j1 ?n2 . ?n1 ?j2 ?n3 ?n1 ?p1 "%indiana%jones%and%the%last%crusade%". ?n2 ?p2 "%raiders%of%the%lost%ark%". ?n3 rdf:type <person>. ?n1 ?j1 ?n3 . ?n2 ?j2 ?n3  ?n1 rdf:type <work>. ?n2 ?p1 "%rocky%balboa%".</work></person>

38	?n1 rdf:type <work>.</work>	39	?n1 rdf:type <work>.</work>
	?n1 ?p1 "%yours%mine%and%ours%".		?n1 ?p1 "%gladiator%".
	?n2 rdf:type <character>.</character>		?n2 rdf:type <character>.</character>
	?n3 ?p2 "%henry%jaynes%fonda%".		?n3 ?p2 "%russell%crowe%".
	?n1 ?j1 ?n2 .		?n1 ?j1 ?n2 .
	?n2 ?j2 ?n3		?n2 ?j2 ?n3
40	?n1 rdf:type <work>.</work>		
	?n1 ?p1 "%star%trek%the%next%generation%".		
	?n2 rdf:type <character>.</character>		
	?n3 ?p2 "%brent%spiner%".		
	?n1 ?j1 ?n2 .		
	?n2 ?j2 ?n3		