

Index	Relation type	Source in textual description	Ground truth			Friedrich et al.		
			Target in textual description	Source category	Target category	Found	Source name	Target name
1	flow	calls room service	takes down the order	Task	Task		call room service	take down the order
2	flow	takes down the order	submits an order ticket	Task	Task		take down the order	submit an order ticket to begin to
3	flow	submits an order ticket	gives an order [to the sommelier]	Task	Task		1 the order submit an order ticket to begin to prepare to	the kitchen give an order to fetch wine to the sommelier
4	flow	gives an order [to the sommelier]	assigns the order [to the waiter] While [the kitchen and the	Task	Task		0	
5	flow	assigns the order [to the waiter] While [the kitchen and the sommelier are doing their tasks]	sommelier are doing their tasks]	Task	AND		0	
6	flow	While [the kitchen and the sommelier are doing their tasks] While [the kitchen and the sommelier are doing their tasks]	doing their tasks	AND	Task		1 AND	the kitchen are doing tasks
7	flow	While [the kitchen and the sommelier are doing their tasks]	readies a cart	AND	Task		0	
8	flow	doing their tasks	delivers it to the guest	Task	Task		0	
9	flow	readies a cart	delivers it to the guest returning to the room-	Task	Task		0	
10	flow	delivers it to the guest returning to the room-service station	if [he has another order] debits the guests account	Task	Task		1 deliver cart to room	return
11	flow	if [he has another order]	he has another order	XOR	Task		0	
12	flow	if [he has another order]	he has another order	XOR	Task		0	
13	flow	if [he has another order]	he has another order	XOR	Condition Specification		0	
14	flow	he has another order	wait to do the billing [and deliver another order]	Condition Specification	Task Recall		0.35714286	
15	actor performer	calls room service	a guest the room-service manager				call room service	guest room-service manager
16	actor performer	takes down the order	She [the room-service manager]				1 the order submit an order ticket to begin to prepare to	room-service manager
17	actor performer	submits an order ticket	She [the room-service manager]				1 the kitchen give an order to fetch wine to the sommelier	room-service manager
18	actor performer	gives an order [to the sommelier]	She [the room-service manager]				1 assign the order to the waiter	room-service manager
19	actor performer	assigns the order [to the waiter] doing their tasks	the kitchen				0	
20	actor performer	doing their tasks	the sommelier				0	
21	actor performer	readies a cart	the waiter				1 ready a cart	waiter
22	actor performer	delivers it to the guest returning to the room-service station	the waiter				1 deliver cart to room	waiter
23	actor performer	debits the guests account	the waiter				1 return	waiter
24	actor performer	wait to do the billing [and deliver another order]	the waiter				1 wait to do the billing	waiter
25	actor performer							
26	actor performer							
				Recall			0.83333333	
				Total			0.57692308	
				Mean			0.57692308	