

## Appendix A

*Item sets*

<b>Item set A</b>	<b>Item set B</b>	<b>Item set C</b>	<b>Item set D</b>
All mammals can walk Whales are mammals Whales can walk (MP Conflict)	All mammals can walk Birds can walk Birds are mammals (AC No-conflict)	All mammals can walk Whales cannot walk Whales are not mammals (MT Conflict)	All mammals can walk Birds are not mammals Birds cannot walk (DA No-conflict)
All flowers need water Roses are flowers Roses need water (MP No-conflict)	All flowers need water Roses need water Roses are flowers (AC Conflict)	All flowers need water Rocks don't need water Rocks are not flowers (MT No-conflict)	All flowers need water Rocks are not flowers Rocks don't need water (DA Conflict)
All trees have roots Oaks have roots Oaks are trees (AC Conflict)	All trees have roots Oaks are trees Oaks have roots (MP No-conflict)	All trees have roots Apples are not trees Apples don't have roots (DA Conflict)	All trees have roots Apples don't have roots Apples are not trees (MT No-conflict)
All vehicles have wheels Trolley suitcases have wheels Trolley suitcases are vehicles (AC No-conflict)	All vehicles have wheels Trolley suitcases are not vehicles Trolley suitcases don't have wheels (DA No-conflict)	All vehicles have wheels Boats are vehicles Boats have wheels (MP Conflict)	All vehicles have wheels Boats don't have wheels Boats are not vehicles (MT Conflict)

*Item sets (continued)*

<b>Item set A</b>	<b>Item set B</b>	<b>Item set C</b>	<b>Item set D</b>
All birds can fly Penguins cannot fly Penguins are not birds (MT Conflict)	All birds can fly Planes are not birds Planes cannot fly (DA No-conflict)	All birds can fly Planes can fly Planes are birds (AC No-conflict)	All birds can fly Penguins are birds Penguins can fly (MP conflict)
All African countries are warm The North Pole is not warm The North Pole is not an African country (MT No-conflict)	All African countries are warm The North Pole is not an African country The North Pole is not warm (DA conflict)	All African countries are warm Congo is an African country Congo is warm (MP No-conflict)	All African countries are warm Congo is warm Congo is an African country (AC conflict)
All fruits can be eaten Knives are not fruits Knives cannot be eaten (DA conflict)	All fruits can be eaten Knives cannot be eaten Knives are not fruits (MT No-conflict)	All fruits can be eaten Strawberries can be eaten Strawberries are fruits (AC conflict)	All fruits can be eaten Strawberries are fruits Strawberries can be eaten (MP No-conflict)
All metals are solid Ceramic not a metal Ceramic is not solid (DA No-conflict)	All metals are solid Mercury is not solid Mercury is not a metal (MT conflict)	All metals are solid Mercury is a metal Mercury is solid (MP conflict)	All metals are solid Ceramic is solid Ceramic is a metal (AC No-conflict)

*Item sets (continued)*

<b>Item set A</b>	<b>Item set B</b>	<b>Item set C</b>	<b>Item set D</b>
All trees will become tall Bonsai are trees Bonsai will become tall (MP Conflict)	All trees will become tall Skyscrapers under construction will become tall Skyscrapers under construction are trees (AC No-conflict)	All trees will become tall Bonsai won't become tall Bonsai are not trees (MT Conflict)	All trees will become tall Skyscrapers under construction are not trees Skyscrapers under construction won't become tall (DA No-conflict)
All dogs have snouts Labradors are dogs Labradors have snouts (MP No-conflict)	All dogs have snouts Labradors have snouts Labradors are dogs (AC Conflict)	All dogs have snouts Ducks don't have snouts Ducks are not dogs (MT No-conflict)	All dogs have snouts Ducks are not dogs Ducks don't have snouts (DA Conflict)
All things made of wood can be used as fuel Trees can be used as fuel Trees are made of wood (AC Conflict)	All things made of wood can be used as fuel Trees are made of wood Trees can be used as fuel (MP No-conflict)	All things made of wood can be used as fuel Glass is not made of wood Glass cannot be used as fuel (DA Conflict)	All things made of wood can be used as fuel Glass cannot be used as fuel Glass is not made of wood (MT No-conflict)
All things made of metal shine Diamonds shine Diamonds are made of metal (AC No-conflict)	All things made of metal shine Old pennies don't shine Old pennies are not made of metal (MT Conflict)	All things made of metal shine Diamonds are not made of metal Diamonds don't shine (DA No-conflict)	All things made of metal shine Old pennies are made of metal Old pennies shine (MP Conflict)

*Items sets (continued)*

<b>Item set A</b>	<b>Item set B</b>	<b>Item set C</b>	<b>Item set D</b>
All humans have two legs Leg amputees don't have two legs Leg amputees are not humans (MT Conflict)	All humans have two legs Leg amputees are humans Leg amputees have two legs (MP Conflict)	All humans have two legs Monkeys are not humans Monkeys don't have two legs (DA No-conflict)	All humans have two legs Monkeys have two legs Monkeys are humans (AC No-conflict)
All things that are smoked are bad for your health Salad is not smoked Salad is not bad for your health (DA Conflict)	All things that are smoked are bad for your health Salad is not bad for your health Salad is not smoked (MT No-conflict)	All things that are smoked are bad for your health Cigarettes are smoked Cigarettes are bad for your health (MP No-conflict)	All things that are smoked are bad for your health Cigarettes are bad for your health Cigarettes are smoked (AC Conflict)
All sports require equipment Talking does not require equipment Talking is not a sport (MT No-conflict)	All sports require equipment Talking is not a sport Talking does not require equipment (DA Conflict)	All sports require equipment Hockey requires equipment Hockey is a sport (AC Conflict)	All sports require equipment Hockey is a sport Hockey requires equipment (MP No-conflict)
All things that need oxygen have lungs Dead people don't need oxygen Dead people don't have lungs (DA No-conflict)	All things that need oxygen have lungs Fire needs oxygen Fire has lungs (MP Conflict)	All things that need oxygen have lungs Dead people have lungs Dead people need oxygen (AC No-conflict)	All things that need oxygen have lungs Fire doesn't have lungs Fire doesn't need oxygen (MT Conflict)

## Appendix B

*Mean conclusion believability (on a scale of 0 to 10) for each conclusion*

<b>Item set A</b>	<b>CB</b>	<b>Item set B</b>	<b>CB</b>	<b>Item set C</b>	<b>CB</b>	<b>Item set D</b>	<b>CB</b>
Whales can walk	0	Birds are mammals	0	Whales are not mammals	0	Birds cannot walk	0.67
Roses need water	10	Roses are flowers	10	Rocks are not flowers	10	Rocks don't need water	9.83
Oaks are trees	9.17	Oaks have roots	10	Apples don't have roots	8.67	Apples are not trees	8.92
Trolley suitcases are vehicles	1.83	Trolley suitcases don't have wheels	1.58	Boats have wheels	1.67	Boats are not vehicles	0.83
Penguins are not birds	2.5	Planes cannot fly	1.17	Planes are birds	0.83	Penguins can fly	1.75
The North Pole is not an African country	8.42	The North Pole is not warm	9.67	Congo is warm	9.75	Congo is an African country	10
Knives cannot be eaten	7.17	Knives are not fruits	9.08	Strawberries are fruits	9.5	Strawberries can be eaten	9.67
Ceramic is not solid	0.42	Mercury is not a metal	3	Mercury is solid	1.33	Ceramic is a metal	0.25

*Mean conclusion believability (on a scale of 0 to 10) for each conclusion (continued)*

<b>Item set A</b>	<b>CB</b>	<b>Item set B</b>	<b>CB</b>	<b>Item set C</b>	<b>CB</b>	<b>Item set D</b>	<b>CB</b>
Bonsai will become tall	1.25	Skyscrapers under construction are trees	0.17	Bonsai are not trees	0.08	Skyscrapers under construction won't become tall	2
Labradors have snouts	8.67	Labradors are dogs	9.83	Ducks are not dogs	7.5	Ducks don't have snouts	7.17
Trees are made of wood	9.42	Trees can be used as fuel	8.83	Glass cannot be used as fuel	8.25	Glass is not made of wood	9.67
Diamonds are made of metal	1	Old pennies are not mat of metal	0.83	Diamonds don't shine	2.75	Old pennies shine	3.08
Leg amputees are not humans	0.42	Leg amputees have two legs	2.5	Monkeys don't have two legs	1.5	Monkeys are humans	0.92
Salad is not bad for your health	9.75	Salad is not smoked	7.42	Cigarettes are bad for your health	9.83	Cigarettes are smoked	8.08
Talking is not a sport	8.86	Talking does not require equipment	7.86	Hockey is a sport	9.92	Hockey requires equipment	9.58
Dead people don't have lungs	1.83	Fire has lungs	0.08	Dead people need oxygen	0.42	Fire doesn't need oxygen	0.08