The logic of non-deterministic matrix presented here allows reasoning with intersective gradable adjectives uttered by a single agent.

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	$\{["1"]\}\ \{["0","i"]\}$	

1 Interpretation

	N
0	$\{i,1\}$
i	$\{0,1\}$
1	$\{0,i\}$

\wedge	0	i	1
0	{0}	$\{i\}$	$\{i\}$
i	$\{i\}$	$\{i\}$	$\{i\}$
1	$\{i\}$	$\{i\}$	{1}

	0	i	1
0 i 1	$\begin{cases} \{0\} \\ \{i\} \\ \{1\} \end{cases}$	{i} {i} {1}	{1} {1} {1}

_		
		\neg
	$0\\i\\1$	$\{1\}$ $\{i\}$ $\{0\}$

2 Schemas of Σ_N

Size: 3
r1
$$N\varphi, \varphi$$
r3
 $N\varphi, \neg N\varphi, \neg \varphi, \varphi$
r4
 $\neg N\varphi, \neg \varphi$
 $N\varphi, \varphi$

3 Schemas of Σ_{and}

Size: 8
r5
$$\neg((\varphi \land \psi)), \varphi$$

$$\varphi \land \psi$$
r6
$$\neg((\varphi \land \psi)), \psi$$

$$\varphi \land \psi$$
r7
$$\varphi, \psi$$

$$\varphi \land \psi$$
r8
$$\neg \varphi, \neg \psi$$

$$\varphi \land \psi, \neg((\varphi \land \psi)), \varphi, \psi$$
r9
$$\neg((\varphi \land \psi))$$

$$\varphi \land \psi, \neg \varphi, \varphi$$
r10
$$\neg((\varphi \land \psi))$$

$$\varphi \land \psi, \neg \psi, \psi$$
r18
$$\varphi \land \psi$$

$$\varphi$$
r20
$$\varphi \land \psi$$

$$\psi$$

4 Schemas of Σ_{neg}

Size: 3

$$r2$$

 $\neg \varphi, \varphi$
 $r11$
 φ
 $\neg \neg \varphi, \neg \varphi$
 $r14$
 $\neg \neg \varphi$
 $\neg \varphi, \varphi$

5 Schemas of Σ_{or}

Size: 6
r12
$$\neg \varphi, \neg \psi$$

$$\neg ((\varphi \lor \psi)), \varphi \lor \psi, \varphi, \psi$$
r13
$$\neg ((\varphi \lor \psi))$$

$$\neg \varphi, \varphi \lor \psi, \varphi$$
r15
$$\neg ((\varphi \lor \psi))$$

$$\neg \psi, \varphi \lor \psi, \psi$$
r16
$$\varphi$$

$$\varphi \lor \psi$$
r17
$$\psi$$

$$\varphi \lor \psi$$
r19
$$\varphi \lor \psi$$

$$\varphi, \psi$$