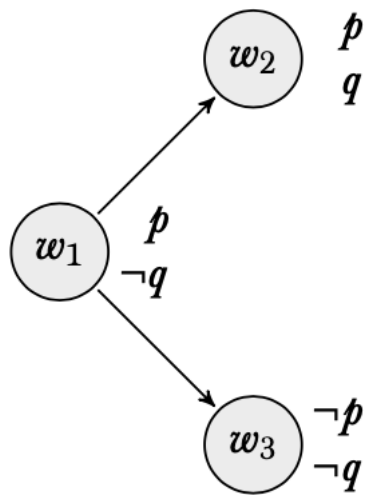# Assignment Week 11

Philosophy 305
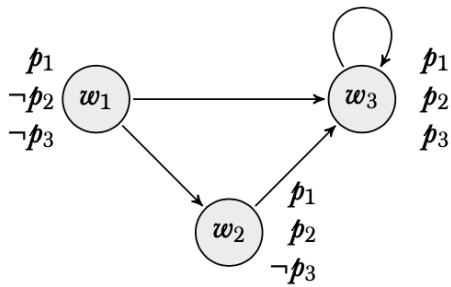
Due April 2, 2020

Questions 1-5

In the model pictured here, which worlds are the following sentences true at:

1. p
2. q
3. $\Box$p
4. $\Diamond$p
5. $\Box$(p → q)

Questions 6-10

In the model pictured here, which worlds are the following sentences true at:

6. p_2
7. $\Box(p_1 \rightarrow p_2)$
8. $\Box p_2 \rightarrow p_2$
9. $\Box\Diamond p_3$
10. $\Box p_3 \lor \Box\neg p_3$