

Homework Assignment # 4

due: November 14,
2019

For the following decision table

	Attributes			Decision
	Age	Hypertension	Complications	Delivery
1	?	?	none	fullterm
2	24	yes	obesity	preterm
3	28	yes	none	preterm
4	26	no	none	fullterm
5	34	yes	?	fullterm
6	?	yes	alcoholism	preterm
7	40	no	?	fullterm

use the following methods of handling missing attribute values (for each method produce a separate table):

- 15 pts. a) the most common value of symbolic attributes and the average for numerical attributes attribute,
- 15 pts. b) the most common value of symbolic attributes and the average for numerical attributes attribute, both restricted to a concept,
- 40 pts. c) global closest fit (static replacement), and
- 30 pts. d) concept closest fit (static replacement).