A. Sempport for Ee's

{0001,0029,0012,0021,0015,0022,0038,0033} (8 transactions)

Support Ec's= 8/10= 0.8

Support for Cb_1dJ $COO12_10012_3 \text{ (transaction } s=2)$ $Support \{b_1d\} = \frac{2}{6} - 0.2$

2 Support for $\{b,d,e\}$ $\{0011,0022\}(2 \text{ transactions})$ $\{0011,0022\}(2 \text{ transactions})$ $\{0011,0022\}(2 \text{ transactions})$

B. Confidence for {b,d} - {e}

Support {b,d,e} = 0.2

Confidence = Support & B, d, e }

support & B, d }

= 0.2

cofidence = 1.0

Support {e} = 0.8

C. Symmetric measures are not synoymous with contidence for instance in this example the confidence of rule (e3 to 6 b) of 1s 0.25 while the confidence of the rule (b, d3 to 62 is 1.0. this discrepancy occurs because the support for the anfecedent (the left side of the rule 3 con differ depending of the direction of the association, when we sawith the antecedent and consequent, and see that the confidence values do not remain symmetrical therefore, changing it affects the resulting confidence value.