

**Table F1. Using imputed data: estimated odds ratios and probabilities of benefit for CID from Bayesian model using priors from CARRA elicitation exercise**

|                                     | Estimated OR | 2.5% | 97.5% |
|-------------------------------------|--------------|------|-------|
| Biologic First vs Step Up           | 1.10         | 0.49 | 2.11  |
| Early Combination vs Step Up        | 1.40         | 0.78 | 2.34  |
| Biologic First vs Early Combination | 0.82         | 0.35 | 1.63  |
| Probability of superiority          |              |      |       |
| Biologic First vs Step Up           | 52.9%        |      |       |
| Early Combination vs Step Up        | 85.6%        |      |       |
| Biologic First vs Early Combination | 75.3%        |      |       |