

| Table 1: RR Model(formula) |       |        |         |       | Table 2: GGS Model(formula) |       |        |         |      |
|----------------------------|-------|--------|---------|-------|-----------------------------|-------|--------|---------|------|
| stream                     | R2    | adj.R2 | p.value | AIC   | stream                      | R2    | adj.R2 | p.value | AIC  |
| Feed13MeanPct              | 0.996 | 0.995  | 0       | -26.0 | Feed13MeanPct               | 0.838 | 0.820  | 0.0001  | 14.4 |
| Feed14MeanPct              | 0.996 | 0.995  | 0       | -25.7 | Feed14MeanPct               | 0.839 | 0.821  | 0.0001  | 13.4 |
| OS13MeanPct                | 0.935 | 0.928  | 0       | 11.2  | OS13MeanPct                 | 0.682 | 0.646  | 0.0017  | 17.0 |
| OS14MeanPct                | 0.919 | 0.910  | 0       | 14.2  | OS14MeanPct                 | 0.655 | 0.617  | 0.0025  | 16.9 |
| US13MeanPct                | 0.972 | 0.968  | 0       | 0.8   | US13MeanPct                 | 0.778 | 0.750  | 0.0007  | 38.8 |
| US14MeanPct                | 0.971 | 0.967  | 0       | 0.5   | US14MeanPct                 | 0.764 | 0.735  | 0.0009  | 40.0 |