**Calf Weights**

**Unstructured:**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4835.54 |
| **AIC (smaller is better)** | 4877.54 |
| **AICC (smaller is better)** | 4878.91 |
| **BIC (smaller is better)** | 4935.72 |
| **CAIC (smaller is better)** | 4956.72 |
| **HQIC (smaller is better)** | 4901.16 |
| **Generalized Chi-Square** | 697.00 |
| **Gener. Chi-Square / DF** | 1.00 |

**Compound Symmetry:**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 5931.69 |
| **AIC (smaller is better)** | 5935.69 |
| **AICC (smaller is better)** | 5935.70 |
| **BIC (smaller is better)** | 5941.23 |
| **CAIC (smaller is better)** | 5943.23 |
| **HQIC (smaller is better)** | 5937.94 |
| **Generalized Chi-Square** | 145923.8 |
| **Gener. Chi-Square / DF** | 209.36 |

**ANTE(1)**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4966.61 |
| **AIC (smaller is better)** | 4988.61 |
| **AICC (smaller is better)** | 4989.00 |
| **BIC (smaller is better)** | 5019.09 |
| **CAIC (smaller is better)** | 5030.09 |
| **HQIC (smaller is better)** | 5000.99 |
| **Generalized Chi-Square** | 730.26 |
| **Gener. Chi-Square / DF** | 1.05 |

**Cow Body weight**

**\*\*\*\*Unstructured:**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4701.73 |
| **AIC (smaller is better)** | 4721.73 |
| **AICC (smaller is better)** | 4722.22 |
| **BIC (smaller is better)** | 4749.44 |
| **CAIC (smaller is better)** | 4759.44 |
| **HQIC (smaller is better)** | 4732.98 |
| **Generalized Chi-Square** | 463.02 |
| **Gener. Chi-Square / DF** | 1.00 |

**AR(1)**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4808.84 |
| **AIC (smaller is better)** | 4812.84 |
| **AICC (smaller is better)** | 4812.87 |
| **BIC (smaller is better)** | 4818.39 |
| **CAIC (smaller is better)** | 4820.39 |
| **HQIC (smaller is better)** | 4815.09 |
| **Generalized Chi-Square** | 1264981 |
| **Gener. Chi-Square / DF** | 2732.14 |

**ANTE(1)**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4752.13 |
| **AIC (smaller is better)** | 4766.13 |
| **AICC (smaller is better)** | 4766.38 |
| **BIC (smaller is better)** | 4785.53 |
| **CAIC (smaller is better)** | 4792.53 |
| **HQIC (smaller is better)** | 4774.01 |
| **Generalized Chi-Square** | 465.34 |
| **Gener. Chi-Square / DF** | 1.01 |

**Compound Symmetry:**

|  |  |
| --- | --- |
| **Res Log Likelihood** | 4767.11 |
| **AIC (smaller is better)** | 4771.11 |
| **AICC (smaller is better)** | 4771.13 |
| **BIC (smaller is better)** | 4776.65 |
| **CAIC (smaller is better)** | 4778.65 |
| **HQIC (smaller is better)** | 4773.36 |
| **Generalized Chi-Square** | 405969.7 |
| **Gener. Chi-Square / DF** | 876.82 |

**Toeplitz:**

| **Fit Statistics** | |
| --- | --- |
| **-2 Res Log Likelihood** | 4766.99 |
| **AIC (smaller is better)** | 4774.99 |
| **AICC (smaller is better)** | 4775.07 |
| **BIC (smaller is better)** | 4786.07 |
| **CAIC (smaller is better)** | 4790.07 |
| **HQIC (smaller is better)** | 4779.49 |
| **Generalized Chi-Square** | 1307961 |
| **Gener. Chi-Square / DF** | 2824.97 |