

ABSTRAK

Abdul Rahman Nur (105051102824). Analisis Korelasi Fluktuasi Harga Komoditas Pangan Strategis Sumber Protein Hewani di Sulawesi Selatan, dibimbing oleh MOHAMMAD NATSIR dan AMRUDDIN.

Penelitian ini bertujuan untuk menganalisis fluktuasi dan trend harga komoditas pangan strategis sumber protein hewani, menganalisis korelasi antara harga komoditas pangan strategis sumber protein hewani, dan menganalisis korelasi inflasi dengan harga komoditas pangan strategis sumber protein hewani di Sulawesi Selatan. Sumber data penelitian ini adalah data sekunder *time series* bulanan (January 2021-Desember 2025) dari PIHPS (Pusat Informasi Harga Pangan Strategis), BPS (Badan Pusat Statistik), dan Dinas Ketahanan Pangan Provinsi Sulawesi Selatan. Teknik analisis data yang digunakan adalah analisis *coefficient variation*, trend, dan uji korelasi Pearson.

Hasil penelitian ini menunjukkan bahwa pada periode lima tahun terakhir (2021-2025) di Sulawesi Selatan, harga daging sapi di pasar moderen mengalami fluktuasi lebih tinggi (9,16%), dibanding pasar tradisional (8,01%). Pada pedagang besar, harga daging sapi paling fluktuatif (11,11%), dibanding pada produsen (8,86%) dan pedagang eceran (8,51%). Harga daging sapi di pasar moderen memiliki nilai trend meningkat lebih tinggi (Rp354,57/bulan), dibanding pasar tradisional (Rp. 245,03/bulan). Pada pedagang eceran nilai trend kenaikan harga daging sapi tertinggi (Rp. 299,80/bulan), dibanding pedagang besar (Rp. 256,96/bulan) dan produsen (Rp. 185,08/bulan). Harga daging ayam di pasar moderen lebih stabil (12,64%), dibanding pasar tradisional (19,82%). Pada pedagang besar, harga daging ayam paling fluktuatif (31,07%), dibanding produsen (28,56%) dan pedagang eceran (10,17%). Harga daging ayam di pasar moderen memiliki nilai trend menurun (turun Rp. 92,85/bulan), sedangkan di pasar tradisional naik (Rp. 33,03/bulan). Produsen daging ayam mengalami trend harga yang menurun lebih tinggi (Rp. 45,37/bulan), dibanding pedagang eceran (Rp. 29,91/bulan), sedangkan pedagang besar memiliki trend harga yang naik (Rp.9,57/bulan). Harga telur ayam di pasar moderen lebih stabil (19,45%), dibanding pasar tradisional (20,24%). Pada produsen, harga telur ayam paling fluktuatif (24,06%), dibanding pedagang besar (21,13%) dan pedagang eceran (18,54%). Harga telur ayam di pasar moderen memiliki nilai trend naik (Rp. 98,84/bulan) lebih tinggi, dibanding kenaikan di pasar tradisional (Rp. 95,86/bulan). Produsen telur ayam mengalami trend kenaikan harga yang terkecil (Rp. 43,92/bulan), dibanding pedagang besar (Rp. 46,19/bulan) dan pedagang eceran (Rp. 97,35/bulan). Tingkat inflasi bulanan bahan makanan sangat fluktuatif (CV= 5,228), dengan rata-rata mencapai 0,331%. Trend laju inflasi bahan makanan selama kurun waktu tersebut mengalami penurunan sebesar 0,0027% per bulan. Korelasi antara daging sapi, daging ayam, dan telur ayam dengan inflasi bahan makanan adalah negatif dan tidak signifikan secara statistik, dan hanya satu korelasi yang signifikan yaitu korelasi positif kuat antara daging sapi dan telur ayam ($r=0,759^{***}$).

Kata Kunci: fluktuasi, pangan strategis, korelasi, harga, trend

ABSTRACT

Abdul Rahman Nur, 2026. Correlation Analysis of Price Fluctuations of Strategic Food Commodities as Sources of Animal Protein in South Sulawesi, supervised by Mohammad Natsir and Amruddin.

This study aimed to ; (1) analyze the fluctuations and trends in the prices of strategic food commodities as sources of animal protein, (2) to examine the correlation among these commodity prices, and (3) to assess the correlation between inflation and the prices of strategic food commodities as sources of animal protein in South Sulawesi. The data used in this study were secondary monthly time series data (January 2021–December 2025) obtained from PIHPS (Strategic Food Price Information Center), BPS (Statistics Indonesia), and the Food Security Agency of South Sulawesi Province. The data analysis techniques employed were coefficient of variation analysis, trend analysis, and Pearson correlation test.

The results indicated that over the last five years (2021–2025) in South Sulawesi, beef prices in modern markets exhibited higher fluctuations (9.16%) compared to traditional markets (8.01%). At the wholesale level, beef prices were the most fluctuating (11.11%), compared to producers (8.86%) and retailers (8.51%). Beef prices in modern markets showed a higher upward trend (IDR 354.57/month) compared to traditional markets (IDR 245.03/month). At the retail level, the upward trend in beef prices was the highest (IDR 299.80/month), compared to wholesalers (IDR 256.96/month) and producers (IDR 185.08/month). Chicken meat prices in modern markets were more stable (12.64%) compared to traditional markets (19.82%). At the wholesale level, chicken meat prices were the most fluctuating (31.07%), compared to producers (28.56%) and retailers (10.17%). Chicken meat prices in modern markets showed a declining trend (decreasing by IDR 92.85/month), while in traditional markets they increased (IDR 33.03/month). Producers experienced a higher declining trend in chicken meat prices (IDR 45.37/month) compared to retailers (IDR 29.91/month), whereas wholesalers showed an increasing trend (IDR 9.57/month). Egg prices in modern markets were more stable (19.45%) compared to traditional markets (20.24%). At the producer level, egg prices were the most fluctuating (24.06%), compared to wholesalers (21.13%) and retailers (18.54%). Egg prices in modern markets showed a higher increasing trend (IDR 98.84/month) compared to traditional markets (IDR 95.86/month). Producers experienced the lowest increase in egg prices (IDR 43.92/month), compared to wholesalers (IDR 46.19/month) and

retailers (IDR 97.35/month). Monthly food inflation was highly volatile (CV = 5.228), with an average of 0.331%. The trend of food inflation during this period decreased by 0.0027% per month. The correlation between beef, chicken meat, and egg prices with food inflation was negative and statistically insignificant, with only one significant correlation found, namely a strong positive correlation between beef and egg prices ($r = 0.759^{***}$).

Keywords: fluctuation, strategic food, correlation, price, trend.

