データ篇：5

第5章（植村）

（第５章附表）推定された輸入関数（候補）

　下の表は、(A) 説明変数群の中に被説明変数の１期ラグ項を含むか含まないか、また、(B) 説明変数として輸入価格指数そのものを使うか国内価格との相対価格を使うか、の４通りの組合せを、以下の記号の組合せで表している。

<div align="center">

表．関数の構造

説明変数に被説明 変数の1期ラグ項を		輸入価格	
含む	含まない	絶対	相対
1	0	1	0

</div>

　後半のサマリー表中の数字は、１つのセルにつき１０２４通りの定式化のうち、符号条件を満たしたものの個数と、その中で最大のｔ値で符号条件を満たした定式化の数を示す。表中、「×」で示されているところは、その相手国と財の組み合わせでは符号条件を満たす定式化が見つからなかったことを表す。

　なお、米国の対台湾・第３財の輸入関数について、最大ｔ値の初期値をその他４か国と同様の 4.0 と高く設定してもなお多すぎる定式化が符号条件を満たす（ラグ項なし・相対輸入価格で２９本、同・絶対輸入価格で１４本）ため、米国のみについては初期値を 6.0 として計算を行い、候補を絞り込んだ（表はいずれも筆者作成）。

　以下の表では、相手先・財別ごとに、「絶対輸入価格／相対輸入価格」及び「被説明変数のラグ項の有無」の４通りの組合せについて、統計的有意性の最大のものを表示する。各定式化の前の括弧内の数値はｔ値の有効数字である。一つの組合せについて０本以上５本以下の候補を提示するため、ｔ値の刻み幅を 0.01 としたものが数通りある（米国の韓国からの第１財輸入など）。

（附表５－１）輸入関数（候補）「中国」
【財１・絶対輸入価格】
（ラグ項なし）
　(1.8) M1JPN =f[GDP, PM1LC, Δ(JPNPX1/JPNPC1)]
　(1.8) M1JPN =f[GDP, PM1LC, Δlog(JPNPX1/JPNPC1)]
　(1.8) M1JPN =f[GDP, log(PM1LC), Δ(JPNPX1/JPNPC1)]
　(1.8) M1JPN =f[GDP, log(PM1LC), Δlog(JPNPX1/JPNPC1)]
　(1.5) Δ(M1KOR) =f[Δ(GDP), Δlog(PM1LC), Δ(KORPX1/KORPC1)]
　(1.1) M1TWN =f[GDP, Δ(PM1LC), Δ(TWNPX1/TWNPC1)]
　(1.1) M1TWN =f[GDP, Δ(PM1LC), Δlog(TWNPX1/TWNPC1)]
　(1.1) M1TWN =f[GDP, Δlog(PM1LC), Δ(TWNPX1/TWNPC1)]
　(2.4) M1USA =f[GDP, PM1LC, USAPX1/USAPC1]
　(2.4) M1USA =f[GDP, PM1LC, log(USAPX1/USAPC1)]
　(2.4) M1USA =f[GDP, log(PM1LC), USAPX1/USAPC1]
　(2.4) M1USA =f[GDP, log(PM1LC), log(USAPX1/USAPC1)]

（ラグ項あり）
 (1.0) M1JPN =f[GDP, PM1LC, Δlog(JPNPX1/JPNPC1), M1JPN(-1)]
 (1.0) M1JPN =f[GDP, log(PM1LC), Δ(JPNPX1/JPNPC1), M1JPN(-1)]
 (1.0) M1JPN =f[GDP, log(PM1LC), Δlog(JPNPX1/JPNPC1), M1JPN(-1)]
 (1.6) log(M1KOR) =f[log(GDP), PM1LC, Δ(KORPX1/KORPC1), log(M1KOR(-1))]
 (0.3) log(M1TWN) =f[log(GDP), PM1LC, TWNPX1(-1)/TWNPC1(-1), log(M1TWN(-1))]
 (0.3) log(M1TWN) =f[log(GDP), PM1LC, log(TWNPX1(-1)/TWNPC1(-1)), log(M1TWN(-1))]
 (0.3) log(M1TWN) =f[log(GDP), Δ(PM1LC(-1)), TWNPX1(-1)/TWNPC1(-1), log(M1TWN(-1))]
 (0.3) log(M1TWN) =f[log(GDP), Δ(PM1LC(-1)), log(TWNPX1(-1)/TWNPC1(-1)),
     log(M1TWN(-1))]
 (0.3) log(M1TWN) =f[log(GDP), Δlog(PM1LC(-1)), TWNPX1(-1)/TWNPC1(-1), log(M1TWN(-1))]
 (0.3) log(M1TWN) =f[log(GDP), Δlog(PM1LC(-1)), log(TWNPX1(-1)/TWNPC1(-1)),
     log(M1TWN(-1))]
 (0.5) M1USA =f[GDP, Δlog(PM1LC), USAPX1/USAPC1, M1USA(-1)]
 (0.5) M1USA =f[GDP, Δlog(PM1LC), log(USAPX1/USAPC1), M1USA(-1)]

【財 1・相対輸入価格】
（ラグ項なし）
 (1.7) M1JPN =f[GDP, Δlog(PM1LC(-1)/PGDP(-1)), Δlog(JPNPX1/JPNPC1)]
 (1.7) log(M1KOR) =f[log(GDP), PM1LC/PGDP, Δ(KORPX1/KORPC1)]
 (1.7) Δ(M1KOR) =f[Δ(GDP), Δlog(PM1LC/PGDP), Δ(KORPX1/KORPC1)]
 (3.0) M1TWN =f[GDP, PM1LC/PGDP, TWNPX1/TWNPC1]
 (3.0) M1TWN =f[GDP, log(PM1LC/PGDP), TWNPX1/TWNPC1]
 (3.0) M1TWN =f[GDP, log(PM1LC/PGDP), log(TWNPX1/TWNPC1)]
 (2.0) M1USA =f[GDP, Δlog(PM1LC/PGDP), USAPX1/USAPC1]
 (2.0) M1USA =f[GDP, Δlog(PM1LC/PGDP), log(USAPX1/USAPC1)]

（ラグ項あり）
 (1.2) M1JPN =f[GDP, Δlog(PM1LC(-1)/PGDP(-1)), Δlog(JPNPX1/JPNPC1), M1JPN(-1)]
 (2.2) M1KOR =f[GDP, log(PM1LC/PGDP), Δ(KORPX1/KORPC1), M1KOR(-1)]
 (2.2) M1KOR =f[GDP, log(PM1LC/PGDP), Δlog(KORPX1/KORPC1), M1KOR(-1)]
 (0.7) log(M1TWN) =f[log(GDP), PM1LC/PGDP, TWNPX1/TWNPC1, log(M1TWN(-1))]
 (0.7) log(M1TWN) =f[log(GDP), PM1LC/PGDP, log(TWNPX1/TWNPC1), log(M1TWN(-1))]
 (1.1) M1USA =f[GDP, Δ(PM1LC/PGDP), USAPX1/USAPC1, M1USA(-1)]
 (1.1) M1USA =f[GDP, Δ(PM1LC/PGDP), log(USAPX1/USAPC1), M1USA(-1)]
 (1.1) M1USA =f[GDP, Δ(PM1LC/PGDP), Δ(USAPX1/USAPC1), M1USA(-1)]
 (1.1) M1USA =f[GDP, Δ(PM1LC/PGDP), Δlog(USAPX1/USAPC1), M1USA(-1)]

【財 3・絶対輸入価格】
（ラグ項なし）
 (1.1) log(M3JPN) =f[log(GDP), PM3LC, Δ(JPNPX3/JPNPC3)]
 (1.1) log(M3JPN) =f[log(GDP), PM3LC, Δlog(JPNPX3/JPNPC3)]
 (1.1) log(M3JPN) =f[log(GDP), log(PM3LC), Δ(JPNPX3/JPNPC3)]

(1.1) log(M3JPN) =f[log(GDP), log(PM3LC), Δlog(JPNPX3/JPNPC3)]
(0.3) M3KOR =f[GDP, PM3LC(-1), Δlog(KORPX3(-1)/KORPC3(-1))]
(0.3) M3KOR =f[GDP, log(PM3LC(-1)), Δlog(KORPX3(-1)/KORPC3(-1))]
(0.3) M3KOR =f[GDP, Δ(PM3LC(-1)), Δlog(KORPX3(-1)/KORPC3(-1))]
(0.3) M3KOR =f[GDP, Δlog(PM3LC(-1)), Δlog(KORPX3(-1)/KORPC3(-1))]
(0.3) log(M3KOR) =f[log(GDP), Δ(PM3LC), KORPX3/KORPC3]
(1.1) log(M3TWN) =f[log(GDP), PM3LC, TWNPX3/TWNPC3]
(1.1) log(M3TWN) =f[log(GDP), PM3LC, TWNPX3(-1)/TWNPC3(-1)]
(1.2) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC), Δ(USAPX3(-1)/USAPC3(-1))]
(1.2) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC), Δlog(USAPX3(-1)/USAPC3(-1))]

（ラグ項あり）
(0.5) log(M3JPN) =f[log(GDP), log(PM3LC), Δ(JPNPX3/JPNPC3), log(M3JPN(-1))]
(0.5) log(M3JPN) =f[log(GDP), log(PM3LC), Δlog(JPNPX3/JPNPC3), log(M3JPN(-1))]
(1.5) log(M3KOR) =f[log(GDP), PM3LC, KORPX3(-1)/KORPC3(-1), log(M3KOR(-1))]
(0.9) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC), TWNPX3/TWNPC3, Δlog(M3TWN(-1))]
(0.9) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC), TWNPX3(-1)/TWNPC3(-1), Δlog(M3TWN(-1))]
(0.9) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC), log(TWNPX3/TWNPC3), Δlog(M3TWN(-1))]
(0.9) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC), log(TWNPX3(-1)/TWNPC3(-1)),
    Δlog(M3TWN(-1))]
(0.9) Δlog(M3TWN) =f[Δlog(GDP), Δlog(PM3LC), TWNPX3/TWNPC3, Δlog(M3TWN(-1))]
(0.6) M3USA =f[GDP, Δ(PM3LC), log(USAPX3(-1)/USAPC3(-1)), M3USA(-1)]

【財3・相対輸入価格】
（ラグ項なし）
(1.0) log(M3JPN) =f[log(GDP), log(PM3LC/PGDP), Δ(JPNPX3/JPNPC3)]
(1.0) log(M3JPN) =f[log(GDP), log(PM3LC/PGDP), Δlog(JPNPX3/JPNPC3)]
(1.7) log(M3KOR) =f[log(GDP), PM3LC/PGDP, KORPX3/KORPC3]
(1.5) log(M3TWN) =f[log(GDP), log(PM3LC/PGDP), TWNPX3/TWNPC3]
(1.5) log(M3TWN) =f[log(GDP), log(PM3LC/PGDP), TWNPX3(-1)/TWNPC3(-1)]
(1.0) log(M3USA) =f[log(GDP), PM3LC/PGDP, USAPX3/USAPC3]
(1.0) log(M3USA) =f[log(GDP), PM3LC/PGDP, log(USAPX3/USAPC3)]
(1.0) Δlog(M3USA) =f[Δlog(GDP), Δ(PM3LC/PGDP), Δ(USAPX3(-1)/USAPC3(-1))]
(1.0) Δlog(M3USA) =f[Δlog(GDP), Δ(PM3LC/PGDP), Δlog(USAPX3(-1)/USAPC3(-1))]

（ラグ項あり）
(0.6) log(M3JPN) =f[log(GDP), PM3LC/PGDP, Δ(JPNPX3/JPNPC3), log(M3JPN(-1))]
(0.6) log(M3JPN) =f[log(GDP), PM3LC/PGDP, Δlog(JPNPX3/JPNPC3), log(M3JPN(-1))]
(1.5) log(M3KOR) =f[log(GDP), PM3LC/PGDP, KORPX3(-1)/KORPC3(-1), log(M3KOR(-1))]
(1.5) log(M3KOR) =f[log(GDP), PM3LC/PGDP, log(KORPX3(-1)/KORPC3(-1)),
    log(M3KOR(-1))]
(1.5) log(M3KOR) =f[log(GDP), Δ(PM3LC/PGDP), KORPX3(-1)/KORPC3(-1), log(M3KOR(-1))]
(0.6) Δlog(M3TWN) =f[Δlog(GDP), Δlog(PM3LC/PGDP), TWNPX3/TWNPC3,

Δlog(M3TWN(-1))]
(0.6) Δlog(M3TWN) =f[Δlog(GDP), Δlog(PM3LC/PGDP), TWNPX3(-1)/TWNPC3(-1),
    Δlog(M3TWN(-1))]
(0.3) M3USA =f[GDP, Δlog(PM3LC/PGDP), log(USAPX3(-1)/USAPC3(-1)), M3USA(-1)]

（附表５－２）輸入関数（候補）「日本」
【財１・絶対輸入価格】
（ラグ項なし）
(0.8) Δlog(M1CHN) =f[Δlog(GDP), log(PM1LC), CHNPX1(-1)/CHNPC1(-1)]
(0.8) Δlog(M1CHN) =f[Δlog(GDP), log(PM1LC), log(CHNPX1(-1)/CHNPC1(-1))]
(2.1) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC), KORPX1(-1)/KORPC1(-1)]
(2.1) Δlog(M1TWN) =f[Δlog(GDP), Δlog(PM1LC), log(TWNPX1(-1)/TWNPC1(-1))]
(1.9) log(M1USA) =f[log(GDP), log(PM1LC), USAPX1/USAPC1]

（ラグ項あり）
(0.7) log(M1CHN) =f[log(GDP), log(PM1LC), Δ(CHNPX1(-1)/CHNPC1(-1)), log(M1CHN(-1))]
(0.7) log(M1CHN) =f[log(GDP), log(PM1LC), Δlog(CHNPX1(-1)/CHNPC1(-1)),
    log(M1CHN(-1))]
(1.8) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC), KORPX1(-1)/KORPC1(-1), Δlog(M1KOR(-1))]
(1.3) Δlog(M1TWN) =f[Δlog(GDP), Δlog(PM1LC), Δ(TWNPX1(-1)/TWNPC1(-1)),
    Δlog(M1TWN(-1))]
(0.9) M1USA =f[GDP, Δlog(PM1LC), USAPX1/USAPC1, M1USA(-1)]
(0.9) M1USA =f[GDP, Δlog(PM1LC), log(USAPX1/USAPC1), M1USA(-1)]

【財１・相対輸入価格】
（ラグ項なし）
(0.5) Δlog(M1CHN) =f[Δlog(GDP), log(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1)]
(0.5) Δlog(M1CHN) =f[Δlog(GDP), log(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1))]
(0.5) Δlog(M1CHN) =f[Δlog(GDP), Δlog(PM1LC/PGDP), Δ(CHNPX1(-1)/CHNPC1(-1))]
(0.5) Δlog(M1CHN) =f[Δlog(GDP), Δlog(PM1LC/PGDP), Δlog(CHNPX1(-1)/CHNPC1(-1))]
(2.4) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC/PGDP), KORPX1(-1)/KORPC1(-1)]
(1.7) Δlog(M1TWN) =f[Δlog(GDP), Δlog(PM1LC/PGDP), log(TWNPX1(-1)/TWNPC1(-1))]
(1.0) log(M1USA) =f[log(GDP), Δlog(PM1LC/PGDP), USAPX1/USAPC1]
(1.0) log(M1USA) =f[log(GDP), Δlog(PM1LC/PGDP), log(USAPX1/USAPC1)]

（ラグ項あり）
(0.3) log(M1CHN) =f[log(GDP), Δ(PM1LC(-1)/PGDP(-1)), CHNPX1(-1)/CHNPC1(-1),
    log(M1CHN(-1))]
(0.3) log(M1CHN) =f[log(GDP), Δ(PM1LC(-1)/PGDP(-1)), Δ(CHNPX1(-1)/CHNPC1(-1)),
    log(M1CHN(-1))]
(0.3) log(M1CHN) =f[log(GDP), Δlog(PM1LC(-1)/PGDP(-1)), CHNPX1(-1)/CHNPC1(-1),
    log(M1CHN(-1))]

(0.3) log(M1CHN) =f[log(GDP), Δlog(PM1LC(-1)/PGDP(-1)), Δ(CHNPX1(-1)/CHNPC1(-1)),
　　log(M1CHN(-1))]
(1.7) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC/PGDP), KORPX1(-1)/KORPC1(-1),
　　Δlog(M1KOR(-1))]
(1.7) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC/PGDP), log(KORPX1(-1)/KORPC1(-1)),
　　Δlog(M1KOR(-1))]
(1.1) Δlog(M1TWN) =f[Δlog(GDP), Δlog(PM1LC/PGDP), Δ(TWNPX1(-1)/TWNPC1(-1)),
　　Δlog(M1TWN(-1))]
(1.0) M1USA =f[GDP, Δlog(PM1LC/PGDP), USAPX1/USAPC1, M1USA(-1)]
(1.0) M1USA =f[GDP, Δlog(PM1LC/PGDP), log(USAPX1/USAPC1), M1USA(-1)]

【財 3・絶対輸入価格】
(ラグ項なし)
(2.0) Δ(M3CHN) =f[Δ(GDP), log(PM3LC), CHNPX3(-1)/CHNPC3(-1)]
(2.0) Δ(M3CHN) =f[Δ(GDP), log(PM3LC), log(CHNPX3(-1)/CHNPC3(-1))]
(1.4) Δ(M3KOR) =f[Δ(GDP), PM3LC(-1), KORPX3(-1)/KORPC3(-1)]
(1.4) Δ(M3KOR) =f[Δ(GDP), log(PM3LC), KORPX3(-1)/KORPC3(-1)]
(1.4) Δ(M3KOR) =f[Δ(GDP), log(PM3LC(-1)), KORPX3(-1)/KORPC3(-1)]
(3.7) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC(-1)), Δlog(TWNPX3(-1)/TWNPC3(-1))]
(1.2) Δ(M3USA) =f[Δ(GDP), PM3LC(-1), USAPX3/USAPC3]
(1.2) Δ(M3USA) =f[Δ(GDP), PM3LC(-1), log(USAPX3/USAPC3)]
(1.2) Δ(M3USA) =f[Δ(GDP), log(PM3LC(-1)), USAPX3/USAPC3]
(1.2) Δ(M3USA) =f[Δ(GDP), log(PM3LC(-1)), log(USAPX3/USAPC3)]

(ラグ項あり)
(1.9) Δ(M3CHN) =f[Δ(GDP), PM3LC, CHNPX3(-1)/CHNPC3(-1), Δ(M3CHN(-1))]
(1.9) Δ(M3CHN) =f[Δ(GDP), PM3LC, log(CHNPX3(-1)/CHNPC3(-1)), Δ(M3CHN(-1))]
(1.9) Δ(M3CHN) =f[Δ(GDP), log(PM3LC), CHNPX3(-1)/CHNPC3(-1), Δ(M3CHN(-1))]
(1.9) Δ(M3CHN) =f[Δ(GDP), log(PM3LC), log(CHNPX3(-1)/CHNPC3(-1)), Δ(M3CHN(-1))]
(1.2) log(M3KOR) =f[log(GDP), Δ(PM3LC(-1)), Δlog(KORPX3(-1)/KORPC3(-1)),
　　log(M3KOR(-1))]
(1.8) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC), Δlog(TWNPX3(-1)/TWNPC3(-1)),
　　Δlog(M3TWN(-1))]
(1.2) Δ(M3USA) =f[Δ(GDP), Δlog(PM3LC), USAPX3/USAPC3, Δ(M3USA(-1))]
(1.2) Δ(M3USA) =f[Δ(GDP), Δlog(PM3LC), log(USAPX3/USAPC3), Δ(M3USA(-1))]

【財 3・相対輸入価格】
(ラグ項なし)
(1.8) M3CHN =f[GDP, Δ(PM3LC/PGDP), CHNPX3/CHNPC3]
(1.8) M3CHN =f[GDP, Δ(PM3LC/PGDP), log(CHNPX3/CHNPC3)]
(1.8) Δ(M3CHN) =f[Δ(GDP), PM3LC/PGDP, CHNPX3(-1)/CHNPC3(-1)]
(1.8) Δ(M3CHN) =f[Δ(GDP), PM3LC/PGDP, log(CHNPX3(-1)/CHNPC3(-1))]
(1.8) Δ(M3CHN) =f[Δ(GDP), log(PM3LC/PGDP), log(CHNPX3(-1)/CHNPC3(-1))]

(1.4) Δ(M3KOR) =f[Δ(GDP), log(PM3LC/PGDP), KORPX3(-1)/KORPC3(-1)]

(1.4) Δ(M3KOR) =f[Δ(GDP), log(PM3LC(-1)/PGDP(-1)), KORPX3(-1)/KORPC3(-1)]

(1.4) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC(-1)/PGDP(-1)), KORPX3(-1)/KORPC3(-1)]

(1.4) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC(-1)/PGDP(-1)), log(KORPX3(-1)/KORPC3(-1))]

(3.2) Δlog(M3TWN) =f[Δlog(GDP), Δ(PM3LC/PGDP), Δlog(TWNPX3(-1)/TWNPC3(-1))]

(1.6) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC/PGDP), USAPX3(-1)/USAPC3(-1)]

（ラグ項あり）

(2.5) Δ(M3CHN) =f[Δ(GDP), PM3LC/PGDP, CHNPX3(-1)/CHNPC3(-1), Δ(M3CHN(-1))]

(2.5) Δ(M3CHN) =f[Δ(GDP), PM3LC/PGDP, log(CHNPX3(-1)/CHNPC3(-1)), Δ(M3CHN(-1))]

(1.4) log(M3KOR) =f[log(GDP), Δ(PM3LC(-1)/PGDP(-1)), log(KORPX3(-1)/KORPC3(-1)),
    log(M3KOR(-1))]

(1.5) log(M3TWN) =f[log(GDP), Δlog(PM3LC(-1)/PGDP(-1)), Δlog(TWNPX3(-1)/TWNPC3(-1)),
    log(M3TWN(-1))]

(1.4) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC/PGDP), USAPX3/USAPC3, Δlog(M3USA(-1))]

(1.4) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC/PGDP), log(USAPX3/USAPC3),
    Δlog(M3USA(-1))]

（附表５－３）輸入関数（候補）「韓国」

【財１・絶対輸入価格】

（ラグ項なし）

(2.4) log(M1CHN) =f[log(GDP), Δ(PM1LC), CHNPX1(-1)/CHNPC1(-1)]

(1.8) Δ(M1JPN) =f[Δ(GDP), Δ(PM1LC), JPNPX1/JPNPC1]

(1.8) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC), JPNPX1/JPNPC1]

(1.8) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC), log(JPNPX1/JPNPC1)]

(1.1) Δ(M1TWN) =f[Δ(GDP), Δlog(PM1LC), log(TWNPX1(-1)/TWNPC1(-1))]

(2.5) log(M1USA) =f[log(GDP), PM1LC, USAPX1(-1)/USAPC1(-1)]

（ラグ項あり）

(1.7) log(M1CHN) =f[log(GDP), Δlog(PM1LC), CHNPX1(-1)/CHNPC1(-1), log(M1CHN(-1))]

(1.6) M1JPN =f[GDP, Δ(PM1LC), JPNPX1/JPNPC1, M1JPN(-1)]

(1.6) M1JPN =f[GDP, Δlog(PM1LC), JPNPX1/JPNPC1, M1JPN(-1)]

(1.6) M1JPN =f[GDP, Δlog(PM1LC), log(JPNPX1/JPNPC1), M1JPN(-1)]

(1.9) log(M1TWN) =f[log(GDP), PM1LC, TWNPX1(-1)/TWNPC1(-1), log(M1TWN(-1))]

(1.3) M1USA =f[GDP, PM1LC, USAPX1/USAPC1, M1USA(-1)]

(1.3) M1USA =f[GDP, PM1LC, log(USAPX1/USAPC1), M1USA(-1)]

【財１・相対輸入価格】

（ラグ項なし）

(2.0) M1CHN =f[GDP, log(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1)]

(2.0) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1)]

(2.0) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1))]

(2.0) log(M1CHN) =f[log(GDP), Δlog(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1)]
(2.0) log(M1CHN) =f[log(GDP), Δlog(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1))]
(1.7) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC/PGDP), Δ(JPNPX1/JPNPC1)]
(2.0) log(M1TWN) =f[log(GDP), PM1LC/PGDP, log(TWNPX1(-1)/TWNPC1(-1))]
(1.7) log(M1USA) =f[log(GDP), Δlog(PM1LC/PGDP), USAPX1/USAPC1]
(1.7) log(M1USA) =f[log(GDP), Δlog(PM1LC/PGDP), log(USAPX1/USAPC1)]

（ラグ項あり）
(1.5) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1), log(M1CHN(-1))]
(1.5) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), Δ(CHNPX1(-1)/CHNPC1(-1)),
　　log(M1CHN(-1))]
(1.5) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), Δlog(CHNPX1(-1)/CHNPC1(-1)),
　　log(M1CHN(-1))]
(1.5) log(M1CHN) =f[log(GDP), Δlog(PM1LC/PGDP), Δ(CHNPX1(-1)/CHNPC1(-1)),
　　log(M1CHN(-1))]
(1.5) log(M1CHN) =f[log(GDP), Δlog(PM1LC/PGDP), Δlog(CHNPX1(-1)/CHNPC1(-1)),
　　log(M1CHN(-1))]
(1.5) M1JPN =f[GDP, Δlog(PM1LC/PGDP), JPNPX1/JPNPC1, M1JPN(-1)]
(1.5) M1JPN =f[GDP, Δlog(PM1LC/PGDP), Δ(JPNPX1/JPNPC1), M1JPN(-1)]
(2.5) log(M1TWN) =f[log(GDP), PM1LC/PGDP, log(TWNPX1(-1)/TWNPC1(-1)),
　　log(M1TWN(-1))]
(1.1) M1USA =f[GDP, Δlog(PM1LC/PGDP), USAPX1/USAPC1, M1USA(-1)]
(1.1) M1USA =f[GDP, Δlog(PM1LC/PGDP), log(USAPX1/USAPC1), M1USA(-1)]
(1.1) Δ(M1USA) =f[Δ(GDP), Δlog(PM1LC/PGDP), USAPX1/USAPC1, Δ(M1USA(-1))]
(1.1) Δ(M1USA) =f[Δ(GDP), Δlog(PM1LC/PGDP), log(USAPX1/USAPC1), Δ(M1USA(-1))]
(1.1) Δ(M1USA) =f[Δ(GDP), Δlog(PM1LC/PGDP), Δ(USAPX1/USAPC1), Δ(M1USA(-1))]
(1.1) Δ(M1USA) =f[Δ(GDP), Δlog(PM1LC/PGDP), Δlog(USAPX1/USAPC1), Δ(M1USA(-1))]

【財3・絶対輸入価格】
（ラグ項なし）
(1.6) M3CHN =f[GDP, log(PM3LC(-1)), CHNPX3/CHNPC3]
(1.6) M3CHN =f[GDP, log(PM3LC(-1)), log(CHNPX3/CHNPC3)]
(1.2) log(M3JPN) =f[log(GDP), PM3LC, JPNPX3/JPNPC3]
(1.2) log(M3JPN) =f[log(GDP), Δ(PM3LC), JPNPX3/JPNPC3]
(1.7) log(M3TWN) =f[log(GDP), Δlog(PM3LC), TWNPX3/TWNPC3]
(3.0) Δlog(M3USA) =f[Δlog(GDP), Δ(PM3LC), log(USAPX3(-1)/USAPC3(-1))]

（ラグ項あり）
(1.9) M3CHN =f[GDP, PM3LC(-1), CHNPX3(-1)/CHNPC3(-1), M3CHN(-1)]
(1.9) M3CHN =f[GDP, PM3LC(-1), log(CHNPX3(-1)/CHNPC3(-1)), M3CHN(-1)]
(1.9) M3CHN =f[GDP, log(PM3LC(-1)), CHNPX3(-1)/CHNPC3(-1), M3CHN(-1)]
(1.9) M3CHN =f[GDP, log(PM3LC(-1)), log(CHNPX3(-1)/CHNPC3(-1)), M3CHN(-1)]
(0.6) log(M3JPN) =f[log(GDP), PM3LC, log(JPNPX3(-1)/JPNPC3(-1)), log(M3JPN(-1))]

(1.0) M3TWN =f[GDP, PM3LC, log(TWNPX3(-1)/TWNPC3(-1)), M3TWN(-1)]
(1.0) M3TWN =f[GDP, Δ(PM3LC), log(TWNPX3(-1)/TWNPC3(-1)), M3TWN(-1)]
(1.0) M3TWN =f[GDP, Δlog(PM3LC), log(TWNPX3(-1)/TWNPC3(-1)), M3TWN(-1)]
(1.0) log(M3TWN) =f[log(GDP), log(PM3LC), TWNPX3(-1)/TWNPC3(-1), log(M3TWN(-1))]
(0.9) M3USA =f[GDP, log(PM3LC), Δlog(USAPX3/USAPC3), M3USA(-1)]

【財 3・相対輸入価格】
(ラグ項なし)
(1.5) M3CHN =f[GDP, PM3LC(-1)/PGDP(-1), CHNPX3(-1)/CHNPC3(-1)]
(1.5) M3CHN =f[GDP, PM3LC(-1)/PGDP(-1), log(CHNPX3(-1)/CHNPC3(-1))]
(1.5) M3CHN =f[GDP, log(PM3LC(-1)/PGDP(-1)), CHNPX3(-1)/CHNPC3(-1)]
(1.5) M3CHN =f[GDP, log(PM3LC(-1)/PGDP(-1)), log(CHNPX3(-1)/CHNPC3(-1))]
(1.1) log(M3JPN) =f[log(GDP), PM3LC(-1)/PGDP(-1), Δ(JPNPX3/JPNPC3)]
(1.6) M3TWN =f[GDP, Δlog(PM3LC/PGDP), log(TWNPX3/TWNPC3)]
(1.6) log(M3TWN) =f[log(GDP), Δlog(PM3LC(-1)/PGDP(-1)), TWNPX3/TWNPC3]
(2.8) Δlog(M3USA) =f[Δlog(GDP), Δlog(PM3LC/PGDP), log(USAPX3(-1)/USAPC3(-1))]

(ラグ項あり)
(1.3) M3CHN =f[GDP, PM3LC/PGDP, CHNPX3(-1)/CHNPC3(-1), M3CHN(-1)]
(1.3) M3CHN =f[GDP, PM3LC/PGDP, log(CHNPX3(-1)/CHNPC3(-1)), M3CHN(-1)]
(1.3) M3CHN =f[GDP, log(PM3LC/PGDP), CHNPX3(-1)/CHNPC3(-1), M3CHN(-1)]
(1.3) M3CHN =f[GDP, log(PM3LC/PGDP), log(CHNPX3(-1)/CHNPC3(-1)), M3CHN(-1)]
(0.3) log(M3JPN) =f[log(GDP), PM3LC(-1)/PGDP(-1), Δlog(JPNPX3(-1)/JPNPC3(-1)),
     log(M3JPN(-1))]
(0.3) log(M3JPN) =f[log(GDP), Δlog(PM3LC/PGDP), log(JPNPX3(-1)/JPNPC3(-1)),
     log(M3JPN(-1))]
(1.4) log(M3TWN) =f[log(GDP), Δ(PM3LC(-1)/PGDP(-1)), log(TWNPX3(-1)/TWNPC3(-1)),
     log(M3TWN(-1))]
(1.2) M3USA =f[GDP, log(PM3LC/PGDP), USAPX3/USAPC3, M3USA(-1)]
(1.2) M3USA =f[GDP, log(PM3LC/PGDP), log(USAPX3/USAPC3), M3USA(-1)]

(附表 5-4) 輸入関数(候補)「台湾」
【財 1・絶対輸入価格】
(ラグ項なし)
(0.9) Δ(M1CHN) =f[Δ(GDP), Δlog(PM1LC(-1)), CHNPX1/CHNPC1]
(0.9) Δ(M1CHN) =f[Δ(GDP), Δlog(PM1LC(-1)), log(CHNPX1/CHNPC1)]
(0.9) Δlog(M1CHN) =f[Δlog(GDP), Δ(PM1LC(-1)), CHNPX1/CHNPC1]
(0.9) Δlog(M1CHN) =f[Δlog(GDP), Δ(PM1LC(-1)), log(CHNPX1/CHNPC1)]
(0.9) Δlog(M1CHN) =f[Δlog(GDP), Δlog(PM1LC(-1)), CHNPX1/CHNPC1]
(0.9) Δlog(M1CHN) =f[Δlog(GDP), Δlog(PM1LC(-1)), log(CHNPX1/CHNPC1)]
(1.5) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC(-1)), JPNPX1/JPNPC1]
(1.5) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC(-1)), log(JPNPX1/JPNPC1)]

(0.9) Δ(M1KOR) =f[Δ(GDP), log(PM1LC), KORPX1/KORPC1]
(0.9) Δ(M1KOR) =f[Δ(GDP), log(PM1LC), log(KORPX1/KORPC1)]
(0.4) Δlog(M1USA) =f[Δlog(GDP), Δlog(PM1LC), Δ(USAPX1/USAPC1)]
(0.4) Δlog(M1USA) =f[Δlog(GDP), Δlog(PM1LC), Δlog(USAPX1/USAPC1)]

（ラグ項あり）
(0.7) M1CHN =f[GDP, PM1LC(-1), CHNPX1/CHNPC1, M1CHN(-1)]
(0.7) M1CHN =f[GDP, PM1LC(-1), log(CHNPX1/CHNPC1), M1CHN(-1)]
(0.7) M1CHN =f[GDP, log(PM1LC(-1)), CHNPX1/CHNPC1, M1CHN(-1)]
(0.7) M1CHN =f[GDP, log(PM1LC(-1)), log(CHNPX1/CHNPC1), M1CHN(-1)]
(1.9) M1JPN =f[GDP, PM1LC, JPNPX1/JPNPC1, M1JPN(-1)]
(1.9) M1JPN =f[GDP, PM1LC, log(JPNPX1/JPNPC1), M1JPN(-1)]
(1.3) Δ(M1KOR) =f[Δ(GDP), Δ(PM1LC), Δ(KORPX1/KORPC1), Δ(M1KOR(-1))]
(1.3) Δ(M1KOR) =f[Δ(GDP), Δ(PM1LC), Δlog(KORPX1/KORPC1), Δ(M1KOR(-1))]

【財 1・相対輸入価格】
（ラグ項なし）
 (0.9) Δ(M1CHN) =f[Δ(GDP), Δlog(PM1LC(-1)/PGDP(-1)), CHNPX1/CHNPC1]
 (0.9) Δ(M1CHN) =f[Δ(GDP), Δlog(PM1LC(-1)/PGDP(-1)), log(CHNPX1/CHNPC1)]
 (0.9) Δlog(M1CHN) =f[Δlog(GDP), Δ(PM1LC(-1)/PGDP(-1)), CHNPX1/CHNPC1]
 (0.9) Δlog(M1CHN) =f[Δlog(GDP), Δ(PM1LC(-1)/PGDP(-1)), log(CHNPX1/CHNPC1)]
 (0.9) Δlog(M1CHN) =f[Δlog(GDP), Δlog(PM1LC(-1)/PGDP(-1)), log(CHNPX1/CHNPC1)]
 (1.5) Δ(M1JPN) =f[Δ(GDP), Δ(PM1LC(-1)/PGDP(-1)), JPNPX1/JPNPC1]
 (1.5) Δ(M1JPN) =f[Δ(GDP), Δ(PM1LC(-1)/PGDP(-1)), log(JPNPX1/JPNPC1)]
 (0.9) Δ(M1KOR) =f[Δ(GDP), PM1LC/PGDP, KORPX1/KORPC1]
 (0.9) Δ(M1KOR) =f[Δ(GDP), PM1LC/PGDP, log(KORPX1/KORPC1)]
 (0.9) Δ(M1KOR) =f[Δ(GDP), log(PM1LC/PGDP), KORPX1/KORPC1]
 (0.9) Δ(M1KOR) =f[Δ(GDP), log(PM1LC/PGDP), log(KORPX1/KORPC1)]
 (0.9) Δlog(M1KOR) =f[Δlog(GDP), PM1LC/PGDP, KORPX1/KORPC1]
 (0.9) Δlog(M1KOR) =f[Δlog(GDP), PM1LC/PGDP, log(KORPX1/KORPC1)]
 (0.9) Δlog(M1KOR) =f[Δlog(GDP), log(PM1LC/PGDP), log(KORPX1/KORPC1)]
 (0.4) Δlog(M1USA) =f[Δlog(GDP), Δlog(PM1LC/PGDP), Δlog(USAPX1/USAPC1)]

（ラグ項あり）
 (0.8) M1CHN =f[GDP, log(PM1LC(-1)/PGDP(-1)), CHNPX1/CHNPC1, M1CHN(-1)]
 (0.8) M1CHN =f[GDP, log(PM1LC(-1)/PGDP(-1)), log(CHNPX1/CHNPC1), M1CHN(-1)]
 (1.8) M1JPN =f[GDP, PM1LC/PGDP, JPNPX1/JPNPC1, M1JPN(-1)]
 (1.2) Δ(M1KOR) =f[Δ(GDP), Δ(PM1LC/PGDP), Δ(KORPX1/KORPC1), Δ(M1KOR(-1))]
 (1.2) Δ(M1KOR) =f[Δ(GDP), Δ(PM1LC/PGDP), Δlog(KORPX1/KORPC1), Δ(M1KOR(-1))]

【財 3・絶対輸入価格】
（ラグ項なし）
 (0.9) log(M3CHN) =f[log(GDP), Δlog(PM3LC), Δ(CHNPX3/CHNPC3)]
 (0.9) log(M3CHN) =f[log(GDP), Δlog(PM3LC), Δlog(CHNPX3/CHNPC3)]
 (1.5) log(M3JPN) =f[log(GDP), Δ(PM3LC(-1)), Δ(JPNPX3/JPNPC3)]
 (1.5) log(M3JPN) =f[log(GDP), Δ(PM3LC(-1)), Δlog(JPNPX3/JPNPC3)]
 (2.0) log(M3KOR) =f[log(GDP), log(PM3LC(-1)), log(KORPX3(-1)/KORPC3(-1))]
 (1.5) log(M3USA) =f[log(GDP), PM3LC(-1), USAPX3(-1)/USAPC3(-1)]

（ラグ項あり）
 (0.6) log(M3CHN) =f[log(GDP), Δ(PM3LC(-1)), Δ(CHNPX3/CHNPC3), log(M3CHN(-1))]
 (0.6) log(M3CHN) =f[log(GDP), Δ(PM3LC(-1)), Δlog(CHNPX3/CHNPC3), log(M3CHN(-1))]
 (0.6) log(M3CHN) =f[log(GDP), Δlog(PM3LC(-1)), Δ(CHNPX3/CHNPC3), log(M3CHN(-1))]
 (0.6) log(M3CHN) =f[log(GDP), Δlog(PM3LC(-1)), Δlog(CHNPX3/CHNPC3), log(M3CHN(-1))]
 (0.6) Δ(M3CHN) =f[Δ(GDP), Δ(PM3LC(-1)), Δlog(CHNPX3/CHNPC3), Δ(M3CHN(-1))]
 (1.8) M3KOR =f[GDP, log(PM3LC(-1)), log(KORPX3(-1)/KORPC3(-1)), M3KOR(-1)]
 (0.6) M3USA =f[GDP, log(PM3LC), log(USAPX3(-1)/USAPC3(-1)), M3USA(-1)]

【財 3・相対輸入価格】
（ラグ項なし）
 (1.0) log(M3CHN) =f[log(GDP), Δlog(PM3LC/PGDP), Δ(CHNPX3/CHNPC3)]
 (1.0) log(M3CHN) =f[log(GDP), Δlog(PM3LC/PGDP), Δlog(CHNPX3/CHNPC3)]
 (1.4) M3JPN =f[GDP, Δ(PM3LC(-1)/PGDP(-1)), Δlog(JPNPX3/JPNPC3)]
 (1.4) log(M3JPN) =f[log(GDP), Δ(PM3LC(-1)/PGDP(-1)), Δ(JPNPX3/JPNPC3)]
 (1.4) log(M3JPN) =f[log(GDP), Δ(PM3LC(-1)/PGDP(-1)), Δlog(JPNPX3/JPNPC3)]
 (1.8) log(M3KOR) =f[log(GDP), PM3LC(-1)/PGDP(-1), log(KORPX3(-1)/KORPC3(-1))]
 (1.8) log(M3KOR) =f[log(GDP), log(PM3LC(-1)/PGDP(-1)), log(KORPX3(-1)/KORPC3(-1))]
 (1.6) log(M3USA) =f[log(GDP), PM3LC(-1)/PGDP(-1), USAPX3(-1)/USAPC3(-1)]
 (1.6) log(M3USA) =f[log(GDP), log(PM3LC(-1)/PGDP(-1)), USAPX3(-1)/USAPC3(-1)]

（ラグ項あり）
 (0.7) log(M3CHN) =f[log(GDP), Δ(PM3LC(-1)/PGDP(-1)), Δlog(CHNPX3/CHNPC3),
      log(M3CHN(-1))]
 (0.7) log(M3CHN) =f[log(GDP), Δlog(PM3LC(-1)/PGDP(-1)), Δ(CHNPX3/CHNPC3),
      log(M3CHN(-1))]
 (0.7) log(M3CHN) =f[log(GDP), Δlog(PM3LC(-1)/PGDP(-1)), Δlog(CHNPX3/CHNPC3),
      log(M3CHN(-1))]
 (1.8) log(M3KOR) =f[log(GDP), log(PM3LC/PGDP), log(KORPX3(-1)/KORPC3(-1)),
      log(M3KOR(-1))]
 (0.6) M3USA =f[GDP, log(PM3LC/PGDP), USAPX3(-1)/USAPC3(-1), M3USA(-1)]
 (0.6) M3USA =f[GDP, log(PM3LC/PGDP), log(USAPX3(-1)/USAPC3(-1)), M3USA(-1)]

（附表 5 － 5） 輸入関数（候補）「米国」
【財 1・絶対輸入価格】
（ラグ項なし）
 (1.5) M1CHN =f[GDP, Δ(PM1LC), log(CHNPX1(-1)/CHNPC1(-1))]
 (1.5) M1CHN =f[GDP, Δlog(PM1LC), log(CHNPX1(-1)/CHNPC1(-1))]
 (1.9) Δlog(M1JPN) =f[Δlog(GDP), Δlog(PM1LC), Δlog(JPNPX1(-1)/JPNPC1(-1))]
 (0.4) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), Δ(KORPX1(-1)/KORPC1(-1))]
 (0.4) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), Δlog(KORPX1(-1)/KORPC1(-1))]
 (0.4) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC), Δ(KORPX1(-1)/KORPC1(-1))]
 (0.4) Δlog(M1KOR) =f[Δlog(GDP), Δlog(PM1LC), Δlog(KORPX1(-1)/KORPC1(-1))]
 (1.2) M1TWN =f[GDP, PM1LC, Δlog(TWNPX1(-1)/TWNPC1(-1))]

（ラグ項あり）
(0.7) M1CHN =f[GDP, Δ(PM1LC), CHNPX1/CHNPC1, M1CHN(-1)]
(0.7) M1CHN =f[GDP, Δ(PM1LC), log(CHNPX1/CHNPC1), M1CHN(-1)]
(0.7) M1CHN =f[GDP, Δ(PM1LC), Δ(CHNPX1/CHNPC1), M1CHN(-1)]
(0.7) M1CHN =f[GDP, Δlog(PM1LC), CHNPX1/CHNPC1, M1CHN(-1)]
(0.7) M1CHN =f[GDP, Δlog(PM1LC), log(CHNPX1/CHNPC1), M1CHN(-1)]
(1.5) Δ(M1JPN) =f[Δ(GDP), Δ(PM1LC), Δlog(JPNPX1(-1)/JPNPC1(-1)), Δ(M1JPN(-1))]
(1.5) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC), Δlog(JPNPX1(-1)/JPNPC1(-1)), Δ(M1JPN(-1))]
(0.85) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), Δlog(KORPX1(-1)/KORPC1(-1)),
    Δlog(M1KOR(-1))]
(0.84) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), log(KORPX1(-1)/KORPC1(-1)),
    Δlog(M1KOR(-1))]
(0.83) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), KORPX1(-1)/KORPC1(-1), Δlog(M1KOR(-1))]
(0.83) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC), Δ(KORPX1(-1)/KORPC1(-1)), Δlog(M1KOR(-1))]
(0.7) M1TWN =f[GDP, Δ(PM1LC), Δ(TWNPX1(-1)/TWNPC1(-1)), M1TWN(-1)]
(0.7) M1TWN =f[GDP, Δlog(PM1LC), Δ(TWNPX1(-1)/TWNPC1(-1)), M1TWN(-1)]

【財1・相対輸入価格】
（ラグ項なし）
(1.6) M1CHN =f[GDP, Δ(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1))]
(1.6) M1CHN =f[GDP, Δlog(PM1LC/PGDP), CHNPX1(-1)/CHNPC1(-1)]
(1.6) M1CHN =f[GDP, Δlog(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1))]
(1.8) Δlog(M1JPN) =f[Δlog(GDP), Δlog(PM1LC/PGDP), Δlog(JPNPX1(-1)/JPNPC1(-1))]
(0.6) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC/PGDP), KORPX1/KORPC1]
(0.6) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC/PGDP), Δ(KORPX1(-1)/KORPC1(-1))]
(0.6) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC/PGDP), Δlog(KORPX1(-1)/KORPC1(-1))]
(1.3) log(M1TWN) =f[log(GDP), Δ(PM1LC/PGDP), Δlog(TWNPX1/TWNPC1)]

（ラグ項あり）
(0.85) M1CHN =f[GDP, Δlog(PM1LC/PGDP), Δ(CHNPX1/CHNPC1), M1CHN(-1)]
(0.85) M1CHN =f[GDP, Δlog(PM1LC/PGDP), Δlog(CHNPX1/CHNPC1), M1CHN(-1)]
(0.85) log(M1CHN) =f[log(GDP), Δ(PM1LC/PGDP), log(CHNPX1(-1)/CHNPC1(-1)),
    log(M1CHN(-1))]
(1.5) Δ(M1JPN) =f[Δ(GDP), Δlog(PM1LC/PGDP), Δlog(JPNPX1(-1)/JPNPC1(-1)),
    Δ(M1JPN(-1))]
(1.1) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC/PGDP), Δ(KORPX1(-1)/KORPC1(-1)),
    Δlog(M1KOR(-1))]
(1.1) Δlog(M1KOR) =f[Δlog(GDP), Δ(PM1LC/PGDP), Δlog(KORPX1(-1)/KORPC1(-1)),
    Δlog(M1KOR(-1))]
(0.7) M1TWN =f[GDP, Δlog(PM1LC/PGDP), Δ(TWNPX1(-1)/TWNPC1(-1)), M1TWN(-1)]
(0.7) log(M1TWN) =f[log(GDP), Δ(PM1LC/PGDP), Δ(TWNPX1(-1)/TWNPC1(-1)),
    log(M1TWN(-1))]
(0.7) log(M1TWN) =f[log(GDP), Δlog(PM1LC/PGDP), Δ(TWNPX1(-1)/TWNPC1(-1)),

log(M1TWN(-1))]

【財 3・絶対輸入価格】
（ラグ項なし）
 (1.98) Δlog(M3CHN) =f[Δlog(GDP), PM3LC, CHNPX3(-1)/CHNPC3(-1)]
 (1.97) Δlog(M3CHN) =f[Δlog(GDP), log(PM3LC), CHNPX3(-1)/CHNPC3(-1)]
 (1.96) Δlog(M3CHN) =f[Δlog(GDP), PM3LC, log(CHNPX3(-1)/CHNPC3(-1))]
 (1.94) Δlog(M3CHN) =f[Δlog(GDP), log(PM3LC), log(CHNPX3(-1)/CHNPC3(-1))]
 (1.92) M3CHN =f[GDP, Δlog(PM3LC), log(CHNPX3/CHNPC3)]
 (0.75) M3JPN =f[GDP, PM3LC(-1), Δlog(PX3JPN/PC3JPN)]
 (0.75) Δlog(M3JPN) =f[Δlog(GDP), PM3LC, Δ(PX3JPN(-1)/PC3JPN(-1))]
 (0.75) Δlog(M3JPN) =f[Δlog(GDP), PM3LC, Δlog(PX3JPN(-1)/PC3JPN(-1))]
 (0.5) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC), Δ(KORPX3(-1)/KORPC3(-1))]
 (0.5) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC), Δlog(KORPX3(-1)/KORPC3(-1))]
 (0.5) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC), Δ(KORPX3(-1)/KORPC3(-1))]
 (0.5) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC), Δlog(KORPX3(-1)/KORPC3(-1))]
 (3.7) Δlog(M3TWN) =f[Δlog(GDP), Δlog(PM3LC), log(TWNPX3/TWNPC3)]

（ラグ項あり）
 (2.7) log(M3CHN) =f[log(GDP), PM3LC, CHNPX3(-1)/CHNPC3(-1), log(M3CHN(-1))]
 (2.7) log(M3CHN) =f[log(GDP), PM3LC, log(CHNPX3(-1)/CHNPC3(-1)), log(M3CHN(-1))]
 (2.7) log(M3CHN) =f[log(GDP), log(PM3LC), CHNPX3(-1)/CHNPC3(-1), log(M3CHN(-1))]
 (2.7) log(M3CHN) =f[log(GDP), log(PM3LC), log(CHNPX3(-1)/CHNPC3(-1)), log(M3CHN(-1))]
 (0.7) Δlog(M3JPN) =f[Δlog(GDP), Δ(PM3LC), Δ(JPNPX3(-1)/JPNPC3(-1)), Δlog(M3JPN(-1))]
 (0.67) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC), Δlog(PX3KOR(-1)/PC3KOR(-1)),
     Δlog(M3KOR(-1))]
 (0.66) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC), Δlog(PX3KOR(-1)/PC3KOR(-1)),
     Δlog(M3KOR(-1))]
 (0.65) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC), Δ(PX3KOR(-1)/PC3KOR(-1)), Δlog(M3KOR(-1))]
 (0.64) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC), Δ(PX3KOR(-1)/PC3KOR(-1)),
     Δlog(M3KOR(-1))]
 (2.5) M3TWN =f[GDP, PM3LC, TWNPX3(-1)/TWNPC3(-1), M3TWN(-1)]
 (2.5) M3TWN =f[GDP, log(PM3LC), TWNPX3(-1)/TWNPC3(-1), M3TWN(-1)]
 (2.5) M3TWN =f[GDP, Δ(PM3LC), TWNPX3(-1)/TWNPC3(-1), M3TWN(-1)]
 (2.5) M3TWN =f[GDP, Δlog(PM3LC), TWNPX3(-1)/TWNPC3(-1), M3TWN(-1)]

【財 3・相対輸入価格】
（ラグ項なし）
 (1.9) M3CHN =f[GDP, Δlog(PM3LC/PGDP), CHNPX3/CHNPC3]
 (1.9) M3CHN =f[GDP, Δlog(PM3LC/PGDP), log(CHNPX3/CHNPC3)]
 (1.2) log(M3JPN) =f[log(GDP), PM3LC(-1)/PGDP(-1), Δ(JPNPX3/JPNPC3)]
 (1.2) log(M3JPN) =f[log(GDP), PM3LC(-1)/PGDP(-1), Δlog(JPNPX3/JPNPC3)]
 (0.6) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC/PGDP), Δ(KORPX3(-1)/KORPC3(-1))]
 (0.6) Δlog(M3KOR) =f[Δlog(GDP), Δ(PM3LC/PGDP), Δlog(KORPX3(-1)/KORPC3(-1))]
 (0.6) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δ(KORPX3(-1)/KORPC3(-1))]
 (0.6) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δlog(KORPX3(-1)/KORPC3(-1))]
 (6.0) M3TWN =f[GDP, log(PM3LC/PGDP), TWNPX3(-1)/TWNPC3(-1)]

（ラグ項あり）
 (2.6) log(M3CHN) =f[log(GDP), PM3LC/PGDP, CHNPX3(-1)/CHNPC3(-1), log(M3CHN(-1))]
 (2.6) log(M3CHN) =f[log(GDP), PM3LC/PGDP, log(CHNPX3(-1)/CHNPC3(-1)),
     log(M3CHN(-1))]
 (0.5) Δlog(M3JPN) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δ(JPNPX3(-1)/JPNPC3(-1)),
     Δlog(M3JPN(-1))]
 (0.5) Δlog(M3JPN) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δlog(JPNPX3(-1)/JPNPC3(-1)),
     Δlog(M3JPN(-1))]
 (0.7) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δ(KORPX3(-1)/KORPC3(-1)),
     Δlog(M3KOR(-1))]
 (0.7) Δlog(M3KOR) =f[Δlog(GDP), Δlog(PM3LC/PGDP), Δlog(KORPX3(-1)/KORPC3(-1)),
     Δlog(M3KOR(-1))]
 (3.9) M3TWN =f[GDP, log(PM3LC/PGDP), log(TWNPX3(-1)/TWNPC3(-1)), M3TWN(-1)]

（附表５－Ａ１）中国（ｔ値の初期値=4.0）

相手国		符号条件満足					
		定式化数	うち最大t値	その個数	定式化数	うち最大t値	その個数
		第1財			第3財		
中国	00	---	---	---	---	---	---
	01	---	---	---	---	---	---
	10	---	---	---	---	---	---
	11	---	---	---	---	---	---
日本	00	64	1.7	1	24	1.0	2
	01	112	1.8	4	22	1.1	4
	10	46	1.2	1	10	0.6	2
	11	52	1.0	3	4	0.5	2
韓国	00	66	1.7	2	51	1.7	1
	01	90	1.5	1	33	0.3	5
	10	62	2.2	2	27	1.5	3
	11	61	1.6	1	24	1.5	1
台湾	00	66	3.0	3	74	1.5	2
	01	44	1.1	3	77	1.1	2
	10	16	0.7	2	15	0.6	2
	11	16	0.3	6	19	0.9	5
米国	00	79	2.0	2	45	1.0	4
	01	122	2.4	4	67	1.2	2
	10	58	1.1	4	13	0.3	1
	11	36	0.5	2	22	0.6	1

（附表５－Ａ２）日本（ t 値の初期値=4.0）

相手国		符号条件満足					
		定式化数	うち 最大t値	その個数	定式化数	うち 最大t値	その個数
		第1財			第3財		
中国	00	34	0.5	4	56	1.8	5
	01	39	0.8	2	74	2.0	2
	10	11	0.3	4	83	2.5	2
	11	22	0.7	2	90	1.9	4
日本	00	---	---	---	---	---	---
	01	---	---	---	---	---	---
	10	---	---	---	---	---	---
	11	---	---	---	---	---	---
韓国	00	29	2.4	1	59	1.4	4
	01	35	2.1	1	64	1.4	3
	10	51	1.7	2	66	1.4	1
	11	38	1.8	1	93	1.2	1
台湾	00	54	1.7	1	15	3.2	1
	01	58	2.1	1	33	3.7	1
	10	55	1.1	1	17	1.5	1
	11	48	1.3	1	36	1.8	1
米国	00	40	1.0	2	89	1.6	1
	01	62	1.9	1	77	1.2	4
	10	58	1.0	2	110	1.4	2
	11	44	0.9	2	101	1.2	2

（附表５－Ａ３）韓国（ t 値の初期値=4.0）

相手国		符号条件満足					
		定式化数	うち 最大t値	その個数	定式化数	うち 最大t値	その個数
		第1財			第3財		
中国	00	154	2.0	5	106	1.5	4
	01	171	2.4	1	83	1.6	2
	10	104	1.5	5	110	1.3	4
	11	94	1.7	1	90	1.9	4
日本	00	92	1.7	1	54	1.1	1
	01	55	1.8	3	86	1.2	2
	10	20	1.5	2	10	0.3	2
	11	43	1.6	3	20	0.6	1
韓国	00	---	---	---	---	---	---
	01	---	---	---	---	---	---
	10	---	---	---	---	---	---
	11	---	---	---	---	---	---
台湾	00	29	2.0	1	42	1.6	2
	01	26	1.1	1	63	1.7	1
	10	25	2.5	1	27	1.4	1
	11	29	1.9	1	29	1.0	4
米国	00	76	1.7	2	40	2.8	1
	01	91	2.5	1	38	3.0	1
	10	69	1.1	6	62	1.2	2
	11	86	1.3	2	47	0.9	1

（附表５−Ａ４）台湾（t 値の初期値=4.0）

相手国		符号条件満足					
		定式化数	うち 最大t値	その個数	定式化数	うち 最大t値	その個数
		第1財			第3財		
中国	00	96	0.9	5	15	1.0	2
	01	96	0.9	6	16	0.9	2
	10	76	0.8	2	28	0.7	3
	11	80	0.7	4	36	0.6	5
日本	00	62	1.5	2	44	1.4	3
	01	62	1.5	2	38	1.5	2
	10	125	1.8	1	×	×	×
	11	114	1.9	2	×	×	×
韓国	00	97	0.9	7	122	1.8	2
	01	94	0.9	2	129	2.0	1
	10	123	1.2	2	64	1.8	1
	11	122	1.3	2	67	1.8	1
台湾	00	---	---	---	---	---	---
	01	---	---	---	---	---	---
	10	---	---	---	---	---	---
	11	---	---	---	---	---	---
米国	00	12	0.4	1	89	1.6	2
	01	5	0.4	2	97	1.5	1
	10	×	×	×	14	0.6	2
	11	×	×	×	13	0.6	1

（附表５－Ａ５）米国（ｔ値の初期値=6.0）

相手国		符号条件満足					
		定式化数	うち 最大t値	その個数	定式化数	うち 最大t値	その個数
		第1財			第3財		
中国	00	52	1.6	3	74	1.9	2
	01	40	1.5	2	68	1.9	6
	10	33	0.8	10	78	2.6	2
	11	27	0.7	5	85	2.7	4
日本	00	74	1.8	1	18	1.2	2
	01	60	1.9	1	20	0.7	6
	10	44	1.5	1	4	0.5	2
	11	35	1.5	2	8	0.7	1
韓国	00	36	0.6	3	28	0.6	4
	01	16	0.4	4	12	0.5	4
	10	22	1.1	2	38	0.7	2
	11	21	0.8	6	24	0.6	7
台湾	00	32	1.3	1	131	6.0	1
	01	42	1.2	1	139	3.7	1
	10	15	0.7	3	62	3.9	1
	11	18	0.7	2	55	2.5	4
米国	00	---	---	---	---	---	---
	01	---	---	---	---	---	---
	10	---	---	---	---	---	---
	11	---	---	---	---	---	---