

季節指数利用上の注意

Notes on seasonal index use

2019年4月16日

(1) 手法 (Method)

第3次産業活動指数における季節調整済指数系列は、季節要因に加え、曜日・祝祭日要因、うるう年要因によっても調整されている。

具体的には以下のとおり。

$$\text{季節調整済指数} = \text{原指数} \div (\text{季節} \cdot \text{曜日} \cdot \text{祝祭日} \cdot \text{うるう年指数})$$

Not only seasonal but also ‘trading-day and holiday’ and ‘leap-year’ effects are adjusted as follows:

Seasonally adjusted index = Original Index / (Seasonal, ‘Trading-day and holiday’ and ‘Leap-year’ indices)

(2) スペックファイル (Spec File)

使用しているスペックファイルの見本は以下のとおり。

The spec files of X-12-ARIMA for seasonal adjustment are as follows:

```
series{ start = 2011.1
        span = (2011.1,2018.12)
        decimals = 1 }
transform { function = log }
arma { model = (1 1 0)(2 1 0) }
regression{ variables = (td1 nolpyear lpyear )
            save = ( td hol )
            user = ( jap-hol )
            usertype = holiday
            start = 2011.1
            file = "xxxxxxxxxxxxxxxxxxxxxx" }
forecast { maxlead = 14 }
estimate { maxiter = 2000 }
outlier { types = all }
x11 { appendfcst = yes
      print = (none + d10 + d11 +d16)
      save = (d10 d11 d16)
      seasonalma = x11default }
```

} 各系列のスペックは、別添1を参照。
(The Specifications is as P3-6)

(3) 季節指数等の運用 (Employment of seasonal index, ‘trading-day and holiday’ and ‘leap-year’ indices)

2019年1月以降の季節指数は、上記(2)により算出された予測値を使用しており、曜日・祝祭日・うるう年指数は、上記(2)で推計されたパラメータとカレンダーから計算して利用している。

Seasonally adjusted index after January 2019 is using forecast-data, calculated from above-mentioned (2).As for ‘trading-day and holiday’ and ‘leap-year’ indices, their indices are calculated from estimated parameters in (2) and calendar.

(4) 祝祭日変数の扱いについて (Holiday Variable)

X-12-ARIMA における祝日の扱い((2)のスペックファイルの記述で file="XXXX..."の部分)については、以下の2とおり。

① 2曜日対応祝祭日変数 (regression 過程で td1 を指定し、かつ祝祭日変数を使用する場合)

季節指数計算の対象年月(8年間)について、各年におけるそれぞれの月における平日(月曜日から金曜日)が祝日になる日数(A)を数え、次に1月から12月それぞれにおける8年間の祝日の平均値(B)を求めた後、各年におけるそれぞれの月の祝日日数(A)から平均値(B)を差し引いた値をX-12-ARIMA に与えている。

② 7曜日対応祝祭日変数 (regression 過程で td を指定し、かつ祝祭日変数を使用する場合)

季節指数計算の対象年月(8年間)について、各年におけるそれぞれの月における曜日(日曜日を除く)毎に祝日になる日数(A)を数え、次に1月から12月の曜日毎にそれぞれにおける8年間の祝日の平均値(B)を求めた後、各年におけるそれぞれの月・曜日毎の祝日日数(A)から平均値(B)を差し引いた値をX-12-ARIMA に与えている。

(5) 季節調整における異常値の扱いについて (Outlier-Detected indices)

X-12-ARIMA による季節調整において異常値が検出(自動検出)された場合は、季節指数作成時に異常値処理を行っている。

(大分類系列のスペック) (Major Industry Category Specifications)

(別添1)

分類名	ARIMAモデル Model	曜日・うるう年 Tradingday/Leap year	祝祭日 Holiday	Classification
第3次産業総合	間接調整法(※)により季節調整済指数を算出している ※大分類11業種を統合			Tertiary Industry
電気・ガス・熱供給・水道業	(1 1 0) (2 1 0)	td1nolpyear lpyear	○	Electricity, Gas, Heat Supply and Water
情報通信業	(0 1 1) (0 1 0)			Information and Communications
運輸業、郵便業	(1 1 0) (0 1 2)	td1nolpyear lpyear	○	Transport and Postal Activities
卸売業	(2 1 0) (0 1 0)	td1nolpyear		Wholesale Trade
金融業、保険業	(0 1 1) (0 1 1)	td1nolpyear	○	Finance and Insurance
物品賃貸業(自動車賃貸業を含む)	(2 1 0) (0 1 1)			Goods Rental and Leasing (include Automobile Rental and Leasing)
事業者向け関連サービス	(0 1 1) (0 1 1)	td1nolpyear lpyear		Business-related Services
小売業	(1 1 0) (0 1 1)	td1coef		Retail Trade
不動産業	(0 1 1) (1 1 0)	td1nolpyear	○	Real Estate
医療、福祉	(1 1 0) (0 1 2)	tdnolpyear lpyear	○	Medical, Health Care and Welfare
生活娯楽関連サービス	(1 1 0) (0 1 1)	td1nolpyear lpyear	○	Living and Amusement-related Services

(全系列のスペック) (Specifications)

分類名	ARIMAモデル Model	曜日・うるう年 Tradingday/Leap year	祝祭日 Holiday	Classification
第3次産業総合	間接調整法(※)により季節調整済指数を算出している ※大分類11業種を統合			Tertiary Industry
電気・ガス・熱供給・水道業	(1 1 0) (2 1 0)	td1nolpyear lpyear	○	Electricity, Gas, Heat Supply and Water
電気業	(0 1 2) (0 1 2)	tdnolpyear lpyear	○	Production, Transmission and Distribution of Electricity
ガス業	(0 1 0) (0 1 1)	td1nolpyear lpyear	○	Manufacture of Gas
熱供給業	(0 1 2) (1 1 0)			Heat Supply
水道業	(0 1 0) (0 1 1)	td1nolpyear lpyear	○	Water Supply and Sewage
情報通信業	(0 1 1) (0 1 0)			Information and Communications
通信業	(0 1 2) (0 1 2)	tdnolpyear lpyear	○	Communications
固定電気通信業	(1 1 0) (0 1 0)			Fixed Telecommunications
地域・長距離電気通信業	(0 1 2) (0 1 0)			Regional and Long-Distance Telecommunications, except Wire Broadcast Telephones
ISP業	(0 1 2) (0 1 1)			Internet Service Provider
移動電気通信業	(0 1 1) (0 1 1)	td1nolpyear lpyear	○	Mobile Telecommunications
放送業	(0 1 1) (0 1 2)			Broadcasting
公共放送業	(2 1 0) (1 1 0)	tdnolpyear lpyear	○	Public Broadcasting
民間放送業	(0 1 1) (0 1 2)	tdnolpyear lpyear	○	Private-Sector Broadcasting
情報サービス業	(2 1 0) (1 1 0)	tdnolpyear lpyear	○	Information Services
ソフトウェア業	(0 1 1) (0 1 0)			Computer Programming and Other Software Services
受注ソフトウェア	(2 1 0) (0 1 2)			Custom Software Services
ソフトウェアプロダクト	(2 1 0) (0 1 2)	tdnolpyear lpyear	○	Package Software Services
ゲームソフト	(1 1 0) (0 1 2)			Game Software Services
ソフトウェアプロダクト(除くゲームソフト)	(0 1 1) (2 1 0)	tdnolpyear	○	Package Software Services (except Game Software Services)
情報処理・提供サービス業	(0 1 2) (0 1 2)			Data Processing and Information Services
システム等管理運営受託	(0 1 1) (0 1 2)	tdnolpyear	○	System Management on Commission, etc.
その他の情報処理・提供サービス業	(2 1 0) (0 1 1)			Other Data Processing and Information Services
インターネット附属サービス業	(0 1 1) (1 1 0)	tdnolpyear lpyear	○	Services Incidental to Internet
サイト運営業務	(1 1 0) (0 1 1)	td1nolpyear	○	Portal Site Management Services
コンテンツ配信業務	(0 1 0) (0 1 0)	tdnolpyear		Digital Contents Delivery Services
その他のインターネット附属サービス業	(2 1 0) (0 1 0)			Other Services Incidental to Internet
映像・音声・文字情報制作業	(0 1 1) (0 1 2)	tdnolpyear lpyear	○	Video Picture, Sound Information, Character Information Production & Distribution
映像情報制作・配給業	(0 1 2) (0 1 1)			Video Picture Information Production and Distribution
ビデオ制作・配給業	(0 1 1) (0 1 1)			Video Production and Distribution
映画制作・配給業	(0 1 2) (0 1 1)			Motion Picture Production and Distribution
テレビ番組制作・配給業	(0 1 1) (1 1 0)	td1nolpyear lpyear	○	Television Program Production and Distribution
音声情報制作業	(0 1 1) (0 1 1)			Sound Information Production
レコード制作業	(0 1 1) (0 1 1)			Recording and Disk Production
ラジオ番組制作業	(0 1 1) (0 1 1)			Radio Program Production
新聞業	(0 1 0) (1 1 0)			Newspaper Publishers
出版業	(0 1 0) (0 1 2)	tdnolpyear lpyear	○	Publishers, except Newspapers
週刊誌	(0 1 2) (1 1 0)	td1nolpyear lpyear	○	Publishers of Weekly Magazines
月刊誌	(1 1 0) (0 1 2)	tdnolpyear	○	Publishers of Monthly Magazines
書籍	(0 1 1) (0 1 0)	td1nolpyear	○	Publishers of Books
運輸業、郵便業	(1 1 0) (0 1 2)	td1nolpyear lpyear	○	Transport and Postal Activities
運輸業	(0 1 2) (0 1 1)	tdnolpyear lpyear	○	Transport
鉄道業	(0 1 1) (2 1 0)	tdnolpyear lpyear	○	Railway Transport
鉄道旅客運送業	(1 1 0) (0 1 0)	tdnolpyear lpyear	○	Railway Passenger Transport
鉄道旅客運送業(JR)	(1 1 0) (1 1 0)	tdnolpyear lpyear	○	Railway Passenger Transport (Japan Railway)
鉄道旅客運送業(JRを除く)	(0 1 1) (0 1 1)			Railway Passenger Transport (except Japan Railway)
鉄道貨物運送業	(0 1 1) (0 1 1)			Railway Freight Transport
道路旅客運送業	(1 1 0) (0 1 1)	tdnolpyear lpyear	○	Road Passenger Transport
バス業	(2 1 0) (0 1 1)			Bus
タクシー業	(0 1 0) (0 1 1)	tdnolpyear lpyear	○	Taxi
道路貨物運送業	(0 1 2) (0 1 0)	tdnolpyear lpyear	○	Road Freight Transport
一般貨物自動車運送業	(0 1 2) (0 1 0)	tdnolpyear lpyear	○	Common Motor Trucking
宅配貨物運送業	(0 1 2) (0 1 0)			Special Groupcargo Motor Trucking
水運業	(0 1 2) (2 1 0)			Water Transport
水運旅客運送業	(0 1 1) (0 1 1)			Water Passenger Transport
水運貨物運送業	(1 1 0) (1 1 0)			Water Freight Transport
外航貨物水運業	(0 1 1) (1 1 0)			Oceangoing Freight Transport
内航貨物水運業	(0 1 2) (1 1 0)			Coastwise Freight Transport
航空運輸業	(1 1 0) (1 1 0)			Air Transport
航空旅客運送業	(0 1 0) (0 1 0)			Air Passenger Transport
国際航空旅客運送業	(0 1 2) (0 1 1)	tdnolpyear lpyear	○	International Air Passenger Transport
国内航空旅客運送業	(0 1 0) (1 1 0)			Domestic Air Passenger Transport

航空貨物運送業	(0 1 0) (0 1 1)	tdnolpyear	lpyear	○	Air Freight Transport
国際航空貨物運送業	(0 1 0) (0 1 0)	tdnolpyear	lpyear	○	International Air Freight Transport
国内航空貨物運送業	(0 1 1) (0 1 0)	td1nolpyear	lpyear	○	Domestic Air Freight Transport
倉庫業	(0 1 0) (0 1 0)	td1nolpyear		○	Warehousing
普通倉庫業	(0 1 0) (0 1 0)	td1nolpyear	lpyear	○	Ordinary Warehousing
冷蔵倉庫業	(0 1 0) (0 1 2)	td1nolpyear		○	Refrigerated Warehousing
運輸に附帯するサービス業	(0 1 1) (0 1 2)				Services Incidental to Transport
港湾運送業	(0 1 0) (0 1 2)	tdnolpyear	lpyear	○	Port Transport
こん包業	(1 1 0) (0 1 1)	td1nolpyear		○	Packing and Crating
運輸施設提供業	(0 1 1) (0 1 1)				Transport Facilities Services
道路施設提供業	(0 1 1) (0 1 1)				Transport Facilities Services for Road Transport
飛行場業	(0 1 0) (1 1 0)	td1nolpyear	lpyear		Airports and Air Fields Heliports
郵便業(信書便事業を含む)	(0 1 1) (1 1 0)	td1nolpyear		○	Postal Activities, including Mail Delivery
旅客運送業	(1 1 0) (0 1 0)	td1nolpyear	lpyear	○	Passenger Transport
貨物運送業	(1 1 0) (0 1 1)	td1nolpyear		○	Freight Transport
卸売業	(2 1 0) (0 1 0)	td1nolpyear			Wholesale Trade
各種商品卸売業	(0 1 0) (1 1 0)	td1coef			Wholesale Trade, General Merchandise
繊維・衣服等卸売業	(0 1 2) (0 1 1)				Wholesale Trade (Textile and Apparel)
繊維品卸売業	(1 1 0) (0 1 1)	td1nolpyear			Textile Products (except Apparel, Apparel Accessories and Notions)
衣服・身の回り品卸売業	(0 1 0) (0 1 1)	tdnolpyear			Apparel, Apparel Accessories and Notions
飲食料品卸売業	(0 1 0) (0 1 1)	tdnolpyear	lpyear	○	Wholesale Trade (Food and Beverages)
農畜産物・水産物卸売業	(0 1 0) (0 1 1)	td1nolpyear		○	Agricultural, Animal and Poultry Farm and Aquatic Products
食料・飲料卸売業	(1 1 0) (0 1 2)	td			Food and Beverages
建築材料、鉱物・金属材料等卸売業	(0 1 1) (0 1 1)	td1nolpyear		○	Wholesale Trade (Building Materials, Minerals and Metals, etc.)
建築材料卸売業	(0 1 0) (0 1 1)	td1nolpyear		○	Building Materials
化学製品卸売業	(1 1 0) (0 1 1)	td1coef			Chemicals and Related Products
鉱物・金属材料卸売業	(0 1 2) (0 1 1)	td1coef		○	Minerals and Metals
機械器具卸売業	(1 1 0) (0 1 0)	td1nolpyear			Wholesale Trade (Machinery and Equipment)
産業機械器具卸売業	(0 1 2) (0 1 1)	td1nolpyear			Industry Machinery and Equipment
自動車卸売業	(0 1 0) (0 1 1)				Motor Vehicles
電気機械器具卸売業	(0 1 0) (0 1 0)				Electrical Machinery and Equipment
その他の機械器具卸売業	(1 1 0) (0 1 1)	td1nolpyear			Miscellaneous Machinery and Equipment
家具・建具・じゅう器等卸売業	(0 1 0) (0 1 2)	tdnolpyear			Wholesale Trade (Furniture, Fixture and House Furnishings)
医薬品・化粧品等卸売業	(0 1 1) (0 1 1)	td1nolpyear		○	Wholesale Trade (Drugs and Toiletries)
その他の卸売業	(0 1 0) (0 1 1)	td			Other Wholesales Trade
金融業、保険業	(0 1 1) (0 1 1)	td1nolpyear		○	Finance and Insurance
金融業	(0 1 0) (0 1 1)	td1nolpyear		○	Financial Services
銀行業・協同組織金融業	(0 1 2) (2 1 0)	tdnolpyear		○	Banking and Financial Institutions for Cooperative Organizations
金融仲介業務	(0 1 1) (0 1 0)				Intermediary Services
金融決済業務	(0 1 2) (0 1 1)	tdnolpyear		○	Settlement Services
手形交換高	(0 1 0) (0 1 2)	tdnolpyear		○	Checks and Bills Clearing
日銀当座預金決済高	(0 1 0) (0 1 1)	td1nolpyear		○	Settlement at Bank of Japan Accounts
全銀システム取扱高	(1 1 0) (0 1 0)	tdnolpyear	lpyear	○	Domestic Fund Transfer System (Zengin System)
外国為替円決済交換高	(1 1 0) (0 1 1)	td1nolpyear		○	Foreign Exchange Yen Clearing System
貸金業、クレジットカード業	(0 1 0) (1 1 0)				Money Lending Business and Credit Card Business
貸金業	(0 1 0) (0 1 0)	td1nolpyear			Money Lending Business
クレジットカード業	(0 1 0) (0 1 1)				Credit Card Businesses
販売信用業務	(0 1 0) (0 1 1)				Sales Credit Business
消費者金融業務(クレジットカード業)	(1 1 0) (0 1 0)				Consumer Credit Business
金融商品取引業、商品先物取引業	(0 1 0) (0 1 1)	td1nolpyear		○	Financial Products Transaction and Futures Commodity Transaction Dealers
発行業務	(2 1 0) (1 1 0)				Handling of Public Offering
流通業務	(0 1 0) (0 1 1)	td1nolpyear		○	Securities Brokers and Dealers
保険業	(0 1 1) (0 1 1)	td1nolpyear		○	Insurance Institutions, including Insurance Agents, Brokers and Services
生命保険業	(1 1 0) (0 1 1)	td1nolpyear		○	Life Insurance Institutions
損害保険業	(0 1 2) (0 1 2)				Non-Life Insurance Institutions
物品賃貸業(自動車賃貸業を含む)	(2 1 0) (0 1 1)				Goods Rental and Leasing (include Automobile Rental and Leasing)
物品賃貸業	(1 1 0) (0 1 1)				Goods Rental and Leasing
リース業	(0 1 0) (1 1 0)				Goods Leasing
産業用機械リース	(0 1 0) (0 1 0)				Lease of Industrial Machinery and Equipment
医療用機械リース	(0 1 1) (1 1 0)	tdnolpyear		○	Medical Equipment Lease
工作機械リース	(0 1 0) (0 1 0)				Engineering Machinery Lease
商業・サービス業用リース	(0 1 0) (0 1 1)				Machinery/Equipment for Commercial Use and Service Industries Lease
産業機械リース	(1 1 0) (0 1 1)				Industrial Machinery Lease
事務用機械リース	(0 1 0) (1 1 0)				Office Machinery Lease
情報関連機器リース	(1 1 0) (0 1 1)				Information Related Equipment Lease
その他の事務用機械リース	(0 1 2) (1 1 0)	tdnolpyear		○	Other Office Machinery Lease
その他のリース	(0 1 0) (0 1 0)				Other Lease
レンタル業	(0 1 2) (1 1 0)	tdnolpyear	lpyear	○	Goods Rental
土木・建設機械レンタル	(0 1 0) (0 1 1)				Civil Engineering/Construction Machinery Rental
情報関連機器レンタル	(0 1 2) (2 1 0)				Information Related Equipment Rental
音楽・映像ソフトレンタル	(0 1 0) (0 1 1)				Audio and Visual Recordings Rental
その他のレンタル	(0 1 1) (0 1 0)	tdnolpyear	lpyear	○	Other Rental
自動車賃貸業	(0 1 0) (0 1 1)				Automobile Rental and Leasing
自動車リース業	(0 1 0) (0 1 1)				Automobile Lease
自動車レンタル業	(0 1 0) (0 1 1)				Automobile Rental
自動車レンタル業(法人向け)	(0 1 2) (0 1 0)	td1nolpyear	lpyear	○	Automobile Rental for Corporations
自動車レンタル業(個人向け)	(0 1 2) (0 1 2)	tdnolpyear	lpyear	○	Automobile Rental for Individuals
事業者向け関連サービス	(0 1 1) (0 1 1)	td1nolpyear	lpyear		Business-related Services
学術・開発研究機関	(1 1 0) (0 1 1)	tdnolpyear		○	Scientific and Development Research Institutes
専門サービス業	(1 1 0) (0 1 0)	tdnolpyear	lpyear	○	Professional Services
法律事務所、特許事務所	(0 1 2) (0 1 1)	tdnolpyear		○	Lawyers' and Patent Attorneys' Offices
法律事務所	(2 1 0) (0 1 2)	td1nolpyear		○	Lawyers' Offices
特許事務所	(0 1 1) (0 1 1)	td1nolpyear		○	Patent Attorneys' Offices
公証人役場、司法書士事務所	(1 1 0) (0 1 0)	td1nolpyear	lpyear	○	Notaries Public's and Judicial Scriveners' Offices
公認会計士事務所、税理士事務所	(1 1 0) (0 1 0)	tdnolpyear	lpyear	○	Certified Public Accountants' and Auditors' Offices
広告業	(0 1 1) (0 1 1)				Advertising

4媒体広告	(0 1 1) (2 1 0)	td1nolpyear	lpyear		Four Types Media Advertising
新聞広告	(0 1 1) (0 1 1)				Newspaper Advertising
雑誌広告	(0 1 0) (1 1 0)	tdnolpyear		○	Magazine Advertising
テレビ広告	(0 1 1) (1 1 0)	td1nolpyear	lpyear	○	Television Advertising
ラジオ広告	(0 1 1) (0 1 1)				Radio Advertising
その他の広告	(1 1 0) (0 1 0)				Miscellaneous Advertising
交通広告	(1 1 0) (0 1 0)				Traffic Advertising
屋外広告	(0 1 1) (0 1 0)				Outdoor Advertising
折込み・ダイレクトメール	(2 1 0) (1 1 0)				Inserts and Direct Mail
インターネット広告	(0 1 2) (1 1 0)	td1nolpyear			Internet Advertising
他に分類されない広告	(2 1 0) (0 1 0)	td1nolpyear	lpyear		Other Advertising
技術サービス業	(0 1 1) (0 1 1)				Technical Services
土木・建築サービス業	(0 1 1) (0 1 1)	td1nolpyear	lpyear		Civil Engineering and Architectural Services
建設コンサルタント	(0 1 0) (2 1 0)	tdnolpyear	lpyear	○	Architectural Design Services
測量	(0 1 2) (0 1 1)				Surveying Services
地質調査	(0 1 1) (0 1 1)				Geological Survey Services
機械設計業	(0 1 0) (0 1 0)				Mechanical Design Services
エンジニアリング業	(0 1 0) (0 1 1)				Engineering
複合サービス事業	(0 1 2) (0 1 1)				Compound Services
廃棄物処理業	(0 1 1) (0 1 1)	td1nolpyear		○	Waste Disposal Business
職業紹介・労働者派遣業	(0 1 0) (0 1 0)				Employment and Worker Dispatching Services
警備業	(0 1 2) (0 1 2)				Guard Services
小売業	(1 1 0) (0 1 1)	td1coef			Retail Trade
各種商品小売業	(0 1 1) (0 1 1)	td1coef			Retail Trade, General Merchandise
織物・衣服・身の回り品小売業	(0 1 1) (0 1 1)	td1coef			Retail Trade (Dry Goods, Apparel and Apparel Accessories)
飲食品小売業	(0 1 2) (0 1 1)	td1nolpyear	lpyear		Retail Trade (Food and Beverages)
自動車小売業	(0 1 2) (1 1 0)	td1nolpyear	lpyear		Retail Trade (Motor Vehicles)
機械器具小売業	(0 1 1) (0 1 1)	td1coef			Retail Trade (Household Appliance)
燃料小売業	(2 1 0) (0 1 1)	tdnolpyear	lpyear		Retail Trade (Fuel Stores)
その他の小売業	(2 1 0) (0 1 1)	td1nolpyear	lpyear		Other Retail Trade
<特掲> 無店舗小売業(通信販売小売業)	(0 1 2) (0 1 1)				Nonstore Retailers
不動産業	(0 1 1) (1 1 0)	td1nolpyear		○	Real Estate
不動産取引業	(2 1 0) (1 1 0)	td1nolpyear		○	Real Estate Agencies
建物売買業、土地売買業	(0 1 1) (0 1 1)	td1nolpyear		○	Sales Agents of Buildings and Houses and Land Subdividers and Developers
戸建住宅売買業	(0 1 1) (0 1 1)				Sales Agents of Houses
戸建住宅売買(首都圏)	(0 1 1) (0 1 1)				Sales Agents of Houses (Capital Region)
戸建住宅売買(近畿圏)	(0 1 1) (0 1 1)				Sales Agents of Houses (Kinki Region)
マンション分譲業	(0 1 1) (0 1 1)				Sales Agents of Condominiums
マンション分譲(首都圏)	(0 1 1) (0 1 1)				Sales Agents of Condominiums (Capital Region)
マンション分譲(近畿圏)	(0 1 1) (0 1 1)				Sales Agents of Condominiums (Kinki Region)
土地売買業	(0 1 0) (2 1 0)	td1nolpyear		○	Land Subdividers and Developers
土地売買(首都圏)	(0 1 0) (0 1 1)	tdnolpyear		○	Land Subdividers and Developers (Capital Region)
土地売買(近畿圏)	(0 1 2) (1 1 0)	tdnolpyear	lpyear	○	Land Subdividers and Developers (Kinki Region)
不動産仲介業	(0 1 1) (0 1 1)				Real Estate Agents
不動産賃貸業	(2 1 0) (0 1 1)				Real Estate Lessors
貸事務所業	(0 1 2) (0 1 2)	tdnolpyear		○	Office Lessors
住宅賃貸業	(1 1 0) (0 1 1)				House and Room Lessors
駐車場業	(0 1 2) (2 1 0)	tdnolpyear	lpyear	○	Automobile Parking
医療、福祉	(1 1 0) (0 1 2)	tdnolpyear	lpyear	○	Medical, Health Care and Welfare
医療業	(0 1 1) (0 1 1)	tdnolpyear	lpyear	○	Medical and Other Health Services
病院・一般診療所	(0 1 1) (0 1 1)	td1nolpyear	lpyear	○	Hospitals and Clinics of Medical Practitioners
歯科診療所	(2 1 0) (0 1 1)	tdnolpyear	lpyear	○	Dental Clinics
介護事業	(1 1 0) (0 1 1)				Care Services
居宅介護サービス	(0 1 2) (0 1 0)	tdnolpyear	lpyear	○	Home Care Help Services
施設介護サービス	(0 1 2) (2 1 0)				Nursing home Care Services
生活娯楽関連サービス	(1 1 0) (0 1 1)	td1nolpyear	lpyear	○	Living and Amusement-related Services
宿泊業	(0 1 1) (2 1 0)	tdnolpyear		○	Accommodations
旅館	(0 1 0) (0 1 1)				Japanese Style Hotels
ホテル	(1 1 0) (0 1 0)	tdnolpyear	lpyear	○	Hotels, except Japanese Style Hotels
飲食店、飲食サービス業	(0 1 1) (0 1 1)	td1nolpyear	lpyear	○	Eating and Drinking Places
食堂、レストラン、専門店	(0 1 1) (1 1 0)	td1nolpyear	lpyear	○	Eating Places and Specialty Restaurants
パブレストラン、居酒屋	(0 1 1) (0 1 0)				Spree Eating and Drinking Places
喫茶店	(0 1 0) (0 1 2)				Coffee Shops
ファーストフード店及び飲食サービス業	(2 1 0) (0 1 0)				Fast Food Shops and Food Take Out and Delivery Services
ファーストフード店	(0 1 1) (0 1 1)	td1nolpyear	lpyear		Fast Food Shops
飲食サービス業	(2 1 0) (0 1 0)	td1nolpyear	lpyear		Food Take Out and Delivery Services
洗濯・美容・美容・浴場業	(0 1 2) (1 1 0)	td1nolpyear	lpyear	○	Laundry, Beauty and Bath Services
洗濯業	(0 1 0) (0 1 2)	tdnolpyear	lpyear	○	Laundries
普通洗濯業	(2 1 0) (0 1 2)	tdnolpyear	lpyear	○	General Laundries and Laundry Agents
リネンサプライ業	(0 1 0) (0 1 0)	td1nolpyear		○	Linen Supply
理容業	(1 1 0) (1 1 0)	td1nolpyear	lpyear	○	Barbershops
美容業	(0 1 0) (0 1 0)	td1nolpyear		○	Hair-Dressing and Beauty Salon
浴場業	(0 1 2) (0 1 0)	td1nolpyear		○	Public Bathhouses
その他の生活関連サービス業	(0 1 1) (1 1 0)	td1nolpyear	lpyear	○	Miscellaneous Living-related and Personal Services
旅行業	(1 1 0) (0 1 0)				Travel Agency
国内旅行	(0 1 1) (0 1 0)	tdnolpyear		○	Domestic Travel
海外旅行	(0 1 0) (1 1 0)				Overseas Travel
外人旅行	(0 1 1) (0 1 0)				Tourists from Abroad
冠婚葬祭業	(0 1 1) (0 1 1)	td1nolpyear	lpyear	○	Ceremonial Occasions
葬儀業	(0 1 1) (0 1 1)				Funeral Services
結婚式場業	(0 1 1) (0 1 1)	td1nolpyear		○	Wedding Ceremony Halls
写真業	(0 1 2) (0 1 1)	tdnolpyear	lpyear	○	Photographic Studios
娯楽業	(0 1 1) (0 1 1)	td1nolpyear		○	Services for Amusement and Hobbies
映画館	(0 1 1) (0 1 1)				Cinemas
プロスポーツ(スポーツ系興行団)	(0 1 1) (0 1 2)				Professional Sports Companies
相撲	季節調整不可				Sumo (Sumo Wrestling)

ボクシング	(0 1 2) (0 1 1)			Professional Boxing
プロ野球	季節調整不可			Professional Baseball
サッカー	季節調整不可			Professional Soccer
ゴルフ	季節調整不可			Professional Golf
競輪・競馬等の競走場、競技団	(0 1 2) (0 1 2)	td1nolpyear	○	Bicycle, Horse, Motorcar and Motorboat Race Track Operations and Companies
競輪場	(0 1 1) (0 1 0)			Bicycle Race Track Operations
競馬場	(0 1 2) (2 1 0)	td1nolpyear	○	Horse Race Track Operations
オートレース場	(0 1 2) (0 1 2)			Motorcar Race Track Operations
競艇場	(0 1 1) (0 1 1)	td1nolpyear	○	Motorboat Race Track Operations
スポーツ施設提供業	(1 1 0) (1 1 0)	tdnolpyear lpyear	○	Sports Facilities
ゴルフ場	(0 1 0) (0 1 1)	tdnolpyear lpyear	○	Golf Courses
ゴルフ練習場	(1 1 0) (0 1 1)	td1nolpyear	○	Golf Driving Range Operations
ボウリング場	(0 1 2) (0 1 0)	tdnolpyear lpyear	○	Bowling Alleys
フィットネスクラブ	(0 1 0) (1 1 0)			Fitness Clubs
遊園地・テーマパーク	(0 1 0) (0 1 2)	tdnolpyear	○	Amusement Parks and Theme Parks
パチンコホール	(0 1 0) (0 1 1)			Pachinko Parlors
学習支援業	(0 1 0) (0 1 0)			Learning Support
学習塾	(0 1 1) (0 1 0)			Supplementary Tutorial Schools
外国語会話教室	(0 1 0) (0 1 1)			Foreign Language Schools
自動車整備業	(0 1 1) (0 1 0)	tdnolpyear lpyear	○	Automobile Maintenance Services

再編集系列

分類名	ARIMAモデル Model	曜日・うるう年 Tradingday/Leap year	祝祭日 Holiday	Classification
サービス業	(0 1 0) (1 1 0)	td1nolpyear lpyear	○	Services
対個人サービス業	(0 1 1) (2 1 0)	td1nolpyear lpyear	○	Personal Services
対事業所サービス業	(0 1 0) (0 1 1)	td1nolpyear lpyear	○	Business Services
広義対個人サービス	(2 1 0) (0 1 1)	td1nolpyear lpyear	○	Broad-ranging Personal Services
広義非選択的個人向けサービス	(2 1 0) (0 1 1)	td1nolpyear lpyear	○	Broad-ranging Essential Personal Services
広義好みの個人向けサービス	(2 1 0) (0 1 0)	td1nolpyear lpyear	○	Broad-ranging Non-essential Personal Services
広義対事業所サービス	(2 1 0) (0 1 0)	td1nolpyear lpyear	○	Broad-ranging Business Services
製造業依存型事業所向けサービス	(0 1 0) (0 1 2)	td1nolpyear	○	Manufacturing-dependent Business Services
非製造業依存型事業所向けサービス	(0 1 2) (0 1 1)	tdnolpyear lpyear		Non-manufacturing-dependent Business Services
産業使用者向け卸売業	(0 1 0) (0 1 1)	td1nolpyear	○	Wholesale Trade for Industrial user
小売業向け卸売業	(1 1 0) (0 1 2)	td1nolpyear	○	Wholesale Trade for Retailers
消費向けサービス	(2 1 0) (0 1 1)	td1nolpyear lpyear	○	Private Consumption Services
投資向けサービス	(1 1 0) (0 1 0)	td1nolpyear lpyear		Private Capital Investment Services
設備型サービス	(0 1 0) (0 1 1)	td1nolpyear lpyear		Capital Input Type Services
人手型サービス	(0 1 2) (0 1 2)	td1nolpyear lpyear		Labor Input Type Services
観光関連産業	(0 1 1) (0 1 0)	tdnolpyear lpyear	○	Tourism Industry
スポーツ関連産業	(0 1 1) (0 1 2)	td1nolpyear	○	Sports-related Industry
飲食関連産業	(0 1 1) (0 1 1)	td1nolpyear lpyear		Food and Beverages-related Industry
自動車関連産業	(0 1 0) (0 1 1)	td1nolpyear lpyear		Motor Vehicles-related Industry
資金提供関連産業	(0 1 0) (0 1 1)	td1nolpyear		Funding-related Industry
建設関連産業	(0 1 1) (0 1 1)	td1nolpyear		Construction-related Industry
コンテンツ関連産業	(0 1 1) (0 1 1)			Content-related Industry
高齢者世帯特化サービス	(0 1 2) (1 1 0)	td1nolpyear lpyear	○	Elderly Households Peculiar Services
グローバル出荷(海外出荷)指数連動サービス	(2 1 0) (0 1 1)	td1nolpyear	○	Global Shipment Index-linked Services
広告関連産業	(0 1 0) (0 1 0)	tdnolpyear lpyear	○	Advertising and Portal Site Management Services
インターネット広告関連産業	(0 1 2) (1 1 0)	td1nolpyear	○	Internet Advertising and Portal Site Management Services
3次総合(除く電気・ガス・熱供給・水道業)	(1 1 0) (0 1 0)	td1nolpyear lpyear	○	Tertiary Industry (except Electricity, Gas, Heat Supply and Water)
3次総合(除く情報通信)	(0 1 2) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Information and Communications)
3次総合(除く運輸、郵便)	(0 1 2) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Transport and Postal Activities)
3次総合(除く卸売)	(0 1 2) (0 1 2)	tdnolpyear lpyear	○	Tertiary Industry (except Wholesale Trade)
3次総合(除く金融、保険)	(0 1 2) (0 1 0)	td1nolpyear lpyear	○	Tertiary Industry (except Finance and Insurance)
3次総合(除く物品賃貸)	(0 1 1) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Goods Rental and Leasing)
3次総合(除く事業者向け関連)	(0 1 1) (0 1 2)	td1nolpyear lpyear	○	Tertiary Industry (except Business-related services)
3次総合(除く小売)	(0 1 1) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Retail Trade)
3次総合(除く不動産)	(0 1 2) (2 1 0)	td1nolpyear lpyear	○	Tertiary Industry (except Real Estate)
3次総合(除く医療、福祉)	(0 1 1) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Medical, Health Care and Welfare)
3次総合(除く生活娯楽関連)	(0 1 2) (0 1 2)	td1nolpyear lpyear	○	Tertiary Industry (except Living and Amusement-related services)
3次総合(除く卸売業、小売業)	(1 1 0) (0 1 2)	td1nolpyear lpyear		Tertiary Industry (except Wholesale and Retail Trade)
3次総合(除く医療、福祉、運輸、郵便)	(0 1 1) (0 1 2)	td1nolpyear lpyear	○	Tertiary Industry (ex. Medical, Health Care & Welfare, Transport & Postal Activities)
広義対個人サービス(除く小売業)	(0 1 1) (0 1 0)	td1nolpyear lpyear		Broad-ranging Personal Services (except Retail Trade)
広義対事業所サービス(除く卸売業)	(2 1 0) (0 1 0)	td1nolpyear lpyear		Broad-ranging Business Services (except Wholesale Trade)
情報サービス業(除くゲームソフト)	(0 1 1) (0 1 0)			Information Services (except Game Software Services)
ソフトウェア業(除くゲームソフト)	(0 1 2) (0 1 2)			Computer Programming and Other Software Services (ex. Game Software Services)

(参考系列) 第3次産業総合(直接調整法)及び日本標準産業分類に準拠した大分類業種

分類名	ARIMAモデル Model	曜日・うるう年 Tradingday/Leap year	祝祭日 Holiday	Classification
第3次産業総合(直接調整法)	(1 1 0) (0 1 0)	td1nolpyear lpyear	○	Tertiary Industry
電気・ガス・熱供給・水道業	(1 1 0) (2 1 0)	td1nolpyear lpyear	○	Electricity, Gas, Heat Supply and Water
情報通信業	(0 1 1) (0 1 0)			Information and Communications
運輸業、郵便業	(1 1 0) (0 1 2)	td1nolpyear lpyear	○	Transport and Postal Activities
卸売業、小売業	(0 1 1) (0 1 1)			Wholesale and Retail Trade
金融業、保険業	(0 1 1) (0 1 1)	td1nolpyear	○	Finance and Insurance
不動産業、物品賃貸業	(1 1 0) (0 1 2)			Real Estate and Goods Rental and Leasing
学術研究、専門・技術サービス業	(0 1 0) (0 1 2)	tdnolpyear lpyear	○	Scientific Research, Professional and Technical Services
宿泊業、飲食サービス業	(0 1 1) (0 1 1)	td1nolpyear lpyear	○	Accommodations, Eating and Drinking Services
生活関連サービス業、娯楽業	(1 1 0) (0 1 2)	tdnolpyear lpyear	○	Living-related and Personal Services and Amusement Services
学習支援業	(0 1 0) (0 1 0)			Learning Support
医療、福祉	(1 1 0) (0 1 2)	tdnolpyear lpyear	○	Medical, Health Care and Welfare
複合サービス事業	(0 1 2) (0 1 1)			Compound Services
その他サービス業(公務等を除く)	(0 1 0) (0 1 1)	td1nolpyear	○	Miscellaneous Services (except Government Services etc.)