



Annex 1. CPI seasonal adjustment specifications

Food products								
Series	Live and chilled fish	Dairy butter (1)	Dairy butter (2)	Milk and dairy products (1)	Milk and dairy products (2)	Cheese (1)	Cheese (2)	Eggs
Sample	2001.12 - to date	2001.12 - 2008.12	2008.12 - 2016.12	2001.12 - 2008.12	2008.12 - to date	2001.12 - 2016.12	2016.12 - to date	2001.12 - to date
Transformation	log	log	log	log	log	log	log	log
Outliers	LS2012.Apr AO2013.Dec LS2015.Jan LS2022.Mar	LS2002.Nov LS2002.Dec LS2003.Jan LS2003.May LS2003.Jun LS2004.Jun LS2007.Aug LS2007.Sep LS2007.Oct LS2007.Nov	LS2010.Jul LS2015.Jan LS2015.Feb	LS2007.Aug LS2007.Sep LS2007.Oct LS2007.Nov	LS2010.Aug LS2010.Sep LS2010.Oct LS2013.Sep LS2014.Mar LS2015.Jan LS2015.Feb LS2022.Feb LS2022.Mar AO2022.Apr LS2022.May	AO2002.Dec AO2007.Sep LS2007.Oct LS2009.Feb AO2009.Dec LS2015.Jan	const LS2022.Mar LS2022.Apr LS2022.May	LS2007.Jul LS2007.Oct LS2010.Sep LS2014.Jul LS2018.Dec
ARIMA model	(1 1 1)(0 1 1)	(1 1 1)(1 0 0)	(1 1 1)(0 1 1)	(1 1 1)(1 0 0)	(1 1 0)(0 1 1)	(2 1 0)(0 1 1)	(3 0 0)(0 1 1)	(0 1 2)(0 1 1)

Series	Sugar (1)	Sugar (2)	Fruit and vegetables, including potato	Other food products
Sample	2001.12 - 2017.12	2017.12 - to date	2001.12 - to date	2011.12 - to date
Transformation	log	log	log	log
Outliers	LS2002.Jul LS2006.Feb LS2009.Sep	LS2022.Mar	LS2002.May LS2015.Jan LS2022.Mar LS2023.Jul	AO2014.Dec AO2015.Feb AO2015.Jan AO2015.Mar LS2015.Apr SO2021.Mar LS2022.Mar LS2022.Apr LS2022.May LS2023.Jan
ARIMA model	(0 1 2)(0 1 1)	(0 1 1)(0 1 1)	(0 1 1)(0 1 1)	(0 2 1)(0 1 1)

Non-food products								
Series	Clothing and underwear (1)	Clothing and underwear (2)	Knitwear	Furniture	Furs (1)	Furs (2)	Leather, textile and combined footwear	Diesel fuel
Sample	2001.12 - 2015.12	2015.12 - to date	2001.12 - to date	2001.12 - to date	2001.12 - 2016.12	2016.12 -to date	2001.12 - to date	2011.12 - to date
Transformation	log	log	log	log	log	log	log	log
Outliers	AO2009.Jan LS2009.Mar AO2014.Nov LS2015.Jan LS2015.Feb LS2015.Mar	LS2022.Mar LS2022.Apr AO2025.Aug	LS2009.Feb LS2009.Mar LS2009.Apr AO2013.Oct LS2014.Dec LS2015.Jan LS2015.Feb LS2015.Sep LS2015.Mar LS2021.Jul LS2022.Mar LS2022.Apr LS2022.May LS2022.Jun LS2021.Jul LS2022.Mar LS2022.Apr LS2024.Nov AO2025.Aug	LS2014.Dec LS2015.Jan LS2015.Feb LS2015.Mar LS2021.Sep LS2022.Mar LS2022.Apr LS2022.May LS2022.Jun LS2022.Jul LS2022.Aug LS2022.Sep LS2022.Oct	LS2011.Nov AO2014.Dec AO2015.Jan LS2015.Jan	LS2020.Oct LS2020.Dec LS2021.Nov LS2022.Jan LS2022.Mar LS2022.Apr LS2022.May LS2022.Oct LS2022.Nov LS2023.Mar LS2023.Nov LS2024.May LS2025.Jan LS2025.Aug AO2025.Oct	LS2007.Oct LS2009.Mar LS2015.Jan LS2015.Feb LS2015.Mar LS2015.Apr LS2015.Sep LS2015.Oct LS2015.Nov LS2022.Mar LS2022.Apr LS2024.Dec LS2025.Sep	LS2018.May AO2018.Nov LS2021.Nov LS2023.Aug LS2023.Sep LS2023.Oct
ARIMA model	(2 2 2)(1 1 1)	(0 2 1)(0 1 1)	(1 1 2)(0 1 1)	(1 2 1)(0 1 1)	(1 1 0)(0 1 1)	(1 1 0)(0 1 1)	(1 1 2)(0 1 1)	(0 1 2)(0 1 1)



Series	Motor petrol	Fancy goods	Printed goods	Perfumes and cosmetics (1)	Perfumes and cosmetics (2)	Electrical goods and other household appliances (1)	Electrical goods and other household appliances (2)	Other non-food goods (1)	Other non-food goods (2)	
Sample	2022.12 - to date	2001.12 - to date	2001.12 - 2019.12	2001.12 - 2019.12	2019.12 - to date	2001.12 - 2019.12	2019.12 - to date	2001.12 - 2005.12	2005.12 - to date	
Transformation	log	log	log	log	log	log	log	log	log	
Outliers	LS2023.Oct LS2024.Jul AO2025.Oct	LS2009.Feb LS2009.Mar LS2009.Apr LS2015.Jan LS2015.Feb LS2015.Mar LS2015.Apr LS2019.Jan LS2022.Mar LS2022.Apr LS2022.May LS2023.May LS2025.Sep	LS2002.Jan LS2002.Feb LS2002.Oct LS2004.Jan LS2004.Feb LS2004.May LS2004.Sep LS2005.Jan LS2008.Feb LS2009.Jan LS2009.Aug LS2015.Jan LS2019.Jan LS2025.Feb LS2025.Nov	const AO2008.Dec AO2009.Jan LS2009.Mar LS2009.Apr AO2014.Dec LS2015.Jan LS2015.Feb AO2015.Mar AO2015.Apr LS2015.May AO2017.Feb AO2018.Aug LS2019.Aug AO2019.Oct		LS2022.Mar LS2022.Apr LS2022.May LS2022.Jun	LS2009.Feb LS2009.Mar LS2014.Dec LS2015.Jan LS2015.Feb LS2015.Aug LS2015.Sep LS2015.Oct LS2016.Feb	LS2020.Mar LS2022.Feb LS2022.Mar LS2022.Apr LS2022.Jul LS2024.Dec		LS2009.Feb LS2009.Mar LS2014.Dec LS2015.Jan LS2015.Feb LS2015.Mar LS2022.Feb LS2022.Mar LS2022.Apr LS2022.Feb LS2022.Mar LS2022.Apr LS2024.Apr

ARIMA model	(0 1 1)(0 1 1)	(0 2 2)(0 1 1)	(1 1 2)(0 1 1)	(1 1 0)(1 0 0)	(0 1 1)(0 1 1)	(1 1 0)(0 1 1)	(1 1 0)(0 1 1)	(0 1 1)(1 0 0)	(1 1 0)(0 1 1)
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Services

Series	Cultural services (1)	Cultural services (2)	Medical services (1)	Medical services (2)	Housing (1)	Housing (2)	Housing (3)	Excursion services
Sample	2001.12 - 2017.12	2017.12 - to date	2001.12 - 2008.12	2008.12 - to date	2001.12 - 2011.12	2011.12 - 2017.12	2017.12 - to date	2021.12 - to date
Transformation	log	log	log	log	log	log	log	log
Outliers	LS2002.Sep LS2003.Oct	LS2021.Jan LS2021.Dec LS2023.Mar LS2023.Sep LS2024.Apr LS2024.Jul AO2024.Aug AO2024.Nov LS2025.Apr	AO2001.Dec AO2002.Jan AO2002.Feb	LS2009.Apr LS2010.Feb AO2014.Mar LS2015.Jan LS2015.Feb LS2016.Jan LS2022.Mar AO2022.Apr AO2022.May LS2025.Feb	LS2002.Mar AO2003.Jan AO2003.May LS2003.Aug AO2004.Mar AO2004.Jul LS2005.Jan LS2005.Feb AO2006.Jan LS2006.Mar LS2010.Jan AO2011.Jan	LS2012.Jul LS2012.Sep AO2013.Jul AO2014.Mar LS2014.May AO2014.Jun AO2014.Jul LS2014.Sep LS2014.Oct AO2014.Nov AO2014.Dec AO2015.Jan LS2015.Feb LS2015.Apr LS2015.Jul LS2016.Jan LS2016.Aug LS2016.Oct AO2017.Jan	AO2017.Dec LS2020.Jan LS2022.Feb LS2023.Jan LS2023.Nov LS2024.Jul LS2025.Jan LS2025.Jul	LS2022.May
ARIMA model	(1 1 1)(0 1 1)	(1 2 1)(1 0 0)	(0 1 1)(0 1 1)	(0 2 1)(0 1 1)	(0 1 1)(2 1 0)	(1 1 0)(0 1 1)	(1 1 0)(0 1 1)	(0 1 2)(0 1 0)



Series	Personal services (1)	Personal services (2)	Pre-school education services (1)	Pre-school education services (2)	Education (1)	Education (2)	Education (3)	Hotel and other accommodation services (1)
Sample	2001.12 - 2016.12	2016.12 - to date	2001.12 - 2013.12	2013.12 - to date	2001.12 - 2008.12	2008.12 - 2014.12	2014.12 -to date	2001.12 - 2014.12
Transformation	log	log	log	log	log	log	log	log
Outliers	LS2003.Feb LS2005.Feb LS2009.Jan LS2011.Jan LS2012.Jun LS2013.Nov LS2015.Jan	LS2022.Mar LS2022.Apr LS2022.May LS2023.Nov	LS2002.Sep LS2004.Feb LS2004.Jul LS2005.Jan LS2006.Apr	AO2013.Dec LS2015.Jan LS2016.Jan	LS2002.Jan AO2002.Aug LS2004.Sep	LS2012.Aug LS2012.Sep	AO2014.Dec AO2015.Jan LS2015.Aug LS2017.Sep LS2018.Sep LS2020.Sep LS2021.Sep LS2023.Sep LS2024.Sep LS2025.Sep	AO2001.Dec LS2003.Sep AO2004.Sep LS2005.Sep LS2007.Sep LS2013.Sep LS2013.Oct LS2014.Sep
ARIMA model	(0 2 1)(0 1 1)	(0 2 1)(0 1 1)	(1 1 1)(0 1 1)	(0 1 1)(0 1 1)	(0 1 1)(0 1 1)	(1 1 0)(0 1 0)	(0 1 1)(0 1 1)	(2 1 1)(1 0 0)

Series	Hotel and other accommodation services (2)	Outbound tourism (1)	Outbound tourism (2)	Sanatorium and health services (1)	Sanatorium and health services (2)	Passenger transportation excluding rail and air transportation (1)	Passenger transportation excluding rail and air transportation (2)
Sample	2014.12 - to date	2001.12 - 2020.12	2020.12 - to date	2001.12 - 2010.12	2010.12 - to date	2001.12 - 2015.12	2015.12 - to date
Transformation	log	log	log	log	log	log	log
Outliers	LS2017.Sep LS2018.Jun LS2020.Jul LS2020.Aug LS2021.Mar LS2021.Apr LS2021.May LS2021.Jun LS2021.Jul LS2021.Aug LS2021.Oct LS2021.Nov AO2024.Sep LS2025.Apr LS2025.Aug	AO2003.May AO2009.Dec LS2014.Dec LS2015.Jan TC2015.Apr LS2015.Aug LS2018.Apr	LS2022.Mar		LS2017.Jun AO2020.Jun LS2020.Sep AO2024.Oct LS2025.Apr LS2025.Jun LS2025.Jul	LS2002.Aug LS2002.Oct LS2002.Nov LS2004.Apr LS2005.Jan LS2007.Apr LS2008.Jan LS2008.Apr LS2012.Jan LS2015.Feb	LS2017.Jan LS2018.Jan AO2020.Jan LS2024.Jan LS2025.May
ARIMA model	(0 1 1)(0 1 1)	(2 1 0)(0 1 1)	(0 1 0)(0 1 1)	(1 1 1)(0 1 1)	(0 1 1)(0 1 1)	(1 1 0)(0 1 1)	(0 1 1)(0 1 0)

Series	Rail and air transportation (1)	Rail and air transportation (2)
Sample	2020.12 - 2021.12	2021.12 - to date
Transformation	log	log
Outliers		
ARIMA model	(0 1 2)(0 1 0)	(2 1 1)(1 0 0)