Evaluation of the Organisation for Economic Co-operation and Development (OECD) RDF Data Sets

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Abstract. Evaluation of the Organisation for Economic Co-operation and Development (OECD) RDF Data Sets

Keywords: RDF Validation, RDF Constraints, DDI-RDF Discovery Vocabulary, Disco, RDF Data Cube Vocabulary, Linked Data, Semantic Web

1 Data Model Consistency

			Cons	traints			
Data Sets	DATA-MODEL-CONSISTENCY-01 DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03 DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05		DATA-MODEL-CONSISTENCY-07 DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09 DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
$\underline{http://oecd.270a.info/sparql}$	✓ ✓		21142838	(116)	/	✓ -	<u> </u>

Table 1: Evaluation of http://oecd.270a.info/sparql

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
RGRADAGE	✓	✓	✓	<u> </u>	X	<u> </u>	✓	✓	✓	_	✓
RPERS	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
CRS1	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RENRLAGE	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RIOMARKERS	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
GENDER	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RFIN1	\checkmark	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
$TIGS_IO$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RENRL	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
TABLE2B	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
TABLE3A	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$TIVA_OECD_WTO$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
TABLE2A	✓	✓	\checkmark	✓	X	✓	✓	✓	✓	-	✓
STAN08BIS	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RGRADSTY	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
STANI4	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
DACGEO	✓	✓	✓	✓	X	<u> </u>	✓	✓	✓	-	<u> </u>

Table 2: Evaluation of http://oecd.270a.info/sparql

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Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10	DATA-MODEL-CONSISTENCY-11
KEI	✓	✓	✓	✓	X	/	✓	✓	✓	-	<u> </u>
$REF_TOTALOFFICIAL$	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
TABLE1	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
FDI_POSITION_PARTNER	\checkmark	✓	✓	✓	X	/	✓	\checkmark	✓	-	✓
$FDI_FLOW_PARTNER$	✓	\checkmark	✓	✓	X	/	✓	✓	✓	-	✓
RFIN2	✓	\checkmark	✓	✓	X	/	✓	✓	✓	-	✓
$HEALTH_STAT$	✓	\checkmark	✓	✓	X	/	✓	✓	✓	-	✓
$SNA_TABLE620$	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
$SNA_TABLE720$	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
TABLE4	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
$SNA_TABLE710$	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
$SNA_TABLE610$	✓	\checkmark	✓	✓	X	/	✓	✓	✓	-	✓
PT4	✓	\checkmark	✓	✓	X	/	✓	\checkmark	✓	-	✓
$FATS_IN3_SERV$	✓	\checkmark	✓	✓	X	/	✓	\checkmark	✓	-	✓
REG_DEMO_TL3	✓	✓	✓	✓	X	/	✓	✓	✓	-	✓
PT3	\checkmark	✓	✓	✓	X	/	✓	\checkmark	✓	-	✓
ICTGRP	✓	✓	✓	✓	X	<u> </u>	<u> </u>	✓	✓	-	<u> </u>

Table 3: Evaluation of http://oecd.270a.info/sparql

Constraints

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
$\overline{ROVERAGE}$	✓	✓	✓	✓	Х	<u> </u>	✓	✓	✓	-	<u> </u>
PT2	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
MIG	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$REF_TOTALRECPTS$	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
REG_INNO_TL3	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
$FATS_OUT3_SERV$	✓	\checkmark	✓	✓	X	✓	\checkmark	\checkmark	✓	-	✓
DACSECTOR	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
RNENTAGE	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
REG_LAB_TL3	\checkmark	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
TABLE5	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
POP_FIVE_HIST	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$AMNE_IN_PARTNER$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
CPA	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$QASA_TABLE7PSD$	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
FDI_POSITION_INDUSTRY	/	✓	✓	✓	X	✓	✓	✓	✓	-	✓
CSPCUBE	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
FDI_FLOW_INDUSTRY	\checkmark	✓	✓	✓	X	<u> </u>	✓	✓	✓	-	<u> </u>

Table 4: Evaluation of http://oecd.270a.info/sparql

Constraints

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
CSP2012	✓	✓	✓	✓	X	<u> </u>	✓	✓	✓	_	<u> </u>
$AMNE_IN$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
REG_DEMO_TL2	\checkmark	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
$MSTI_PUB$	✓	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
$ANBERD_REV4$	✓	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
MULTISYSTEM	\checkmark	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
AFA_IN3	\checkmark	✓	✓	✓	X	✓	✓	\checkmark	✓	-	✓
PT9	\checkmark	✓	✓	✓	X	✓	✓	/	✓	-	✓
$HEALTH_REAC$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$HEALTH_PROC$	/	✓	✓	✓	X	✓	✓	✓	✓	-	✓
AFA_IN3_MANUF	✓	✓	✓	✓	X	✓	✓	/	✓	-	✓
γIA	✓	✓	✓	✓	X	✓	✓	/	✓	-	✓
CITIES	✓	✓	✓	✓	X	✓	✓	/	✓	-	✓
AFA_OUT3_PARTNER	/	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$TIMELY_BDS_ISIC4$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$AIR_EMISSIONS$	✓	✓	✓	✓	X	✓	\checkmark	\checkmark	✓	-	/
SURVEYDATA	<u> </u>	<u> </u>	<u> </u>	<u> </u>	X	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	<u> </u>

Table 5: Evaluation of http://oecd.270a.info/sparql

Constraints

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
AFA_CALC_IN3	✓	✓	✓	<u> </u>	X	<u> </u>	✓	✓	✓	_	<u> </u>
PT7	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
PT8	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
BPF1	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$MEI_CPI_WEIGHTS$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
RPOP	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$G20_PRICES$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$HEALTH_HCQI$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
ULC_EEQ	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
FSS	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$AMNE_OUT_PARTNER$	✓	✓	✓	✓	X	✓	\checkmark	\checkmark	✓	-	✓
$GVC_INDICATORS$	✓	✓	✓	✓	X	✓	\checkmark	\checkmark	✓	-	✓
PPP2005	/	/	✓	✓	X	✓	/	/	✓	-	✓
$HEALTH_DEMR$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
EAR_MEI	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
AFA_OUT3	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$\frac{GREEN_GROWTH}{}$	<u> </u>	<u> </u>	<u> </u>	<u> </u>	X	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	<u> </u>

Table 6: Evaluation of http://oecd.270a.info/sparql

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	$DATA\text{-}MODEL\text{-}CONSISTENCY\text{-}\theta7$	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
DACIND	✓	✓	<u> </u>	✓	X	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	✓
TABLE7B	✓	✓	✓	✓	X	<u> </u>	✓	✓	✓	-	✓
PDYGTH	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
REF_TOTAL_ODF	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$HEALTH_ECOR$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
FDI_BOP_IIP	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
7HA	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
DACDEFL	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
AIR_GHG	\checkmark	✓	✓	\checkmark	X	✓	✓	✓	✓	-	✓
$WATER_ABSTRACT$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
REG_ENV_TL3	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
MUNW	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
SNA_TABLE4	✓	\checkmark	✓	✓	X	✓	✓	✓	✓	-	✓
$HEALTH_LVNG$	✓	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$AMNE_OUT$	\checkmark	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$ITF_PASSENGER_TRANSPORT$	· 🗸	✓	✓	✓	X	✓	✓	✓	✓	-	✓
$EDUGPS_EAG2013_A$	<u> </u>	✓	✓	✓	X	✓	✓	✓	<u> </u>	_	✓

Table 7: Evaluation of http://oecd.270a.info/sparql

Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (!)	DATA-MODEL-CONSISTENCY-11
SOCX_REF	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Х	<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>
$DEC_{-}I$	✓	✓	✓	✓	X	✓	✓	✓	✓	_	✓
CS	✓	✓	✓	✓	×	✓	✓	✓	✓	-	✓
G_TYPE_RATIO	✓	✓	✓	✓	×	✓	✓	✓	✓	-	✓
AFA_CALC_OUT3	\checkmark	✓	✓	✓	×	✓	✓	✓	✓	-	✓
U_D_D	\checkmark	✓	✓	✓	×	✓	\checkmark	✓	✓	-	✓
FIN_IND_FA	\checkmark	✓	✓	✓	×	✓	\checkmark	✓	✓	-	✓
$WATER_TREAT$	\checkmark	✓	✓	✓	×	✓	\checkmark	✓	✓	-	✓
MFP	\checkmark	✓	✓	✓	×	✓	\checkmark	✓	✓	-	✓
γ_{II_INDIC}	\checkmark	\checkmark	✓	✓	×	✓	\checkmark	\checkmark	✓	-	✓
RMW	\checkmark	✓	✓	\checkmark	×	✓	✓	✓	✓	-	✓
MW_CURP	/	✓	✓	✓	×	✓	/	✓	✓	-	✓
$WILD_LIFE$	✓	✓	✓	✓	5598086	✓	✓	✓	✓	-	✓
$ITCS_EXCH$	✓	✓	✓	✓	×	✓	✓	✓	✓	-	✓
PPPGDP	✓	✓	✓	✓	×	✓	✓	✓	✓	-	✓
AV_AN_WAGE	✓	✓	✓	✓	1903860	✓	✓	✓	✓	-	✓
EDUGPS_EAG2013_B	<u> </u>	<u> </u>	<u> </u>	<u> </u>	1977170	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	<u> </u>

Table 8: Evaluation of http://oecd.270a.info/sparql

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Data Sets	DATA-MODEL-CONSISTENCY-01	DATA-MODEL-CONSISTENCY-02	DATA-MODEL-CONSISTENCY-03	DATA-MODEL-CONSISTENCY-04	DATA-MODEL-CONSISTENCY-05	DATA-MODEL-CONSISTENCY-06	DATA-MODEL-CONSISTENCY-07	DATA-MODEL-CONSISTENCY-08	DATA-MODEL-CONSISTENCY-09	DATA-MODEL-CONSISTENCY-10 (DATA-MODEL-CONSISTENCY-11
$EDUGPS_EAG2013_C$	✓	✓	✓	✓	1661958	✓	✓	✓	✓	-	✓
MIN2AVE	✓	✓	✓	✓	1746648	✓	✓	✓	✓	-	✓
$EPL_{-}OV$	✓	✓	✓	✓	1255340	✓	✓	✓	✓	-	✓
FOREST	✓	✓	✓	\checkmark	626736	✓	✓	✓	✓	-	✓
CPL	✓	✓	✓	✓	2746656	✓	✓	✓	✓	-	✓
$EDUGPS_EAG2013_D$	✓	✓	✓	✓	506884	✓	✓	✓	✓	-	✓
$G_FUNCTION_RATIO$	✓	✓	✓	✓	358176	✓	✓	✓	✓	-	✓
UN_DEN	✓	✓	✓	\checkmark	97614	✓	✓	✓	✓	-	✓
EPL_R	✓	✓	✓	\checkmark	863964	✓	✓	✓	✓	-	✓
$EPL_{-}T$	✓	✓	✓	\checkmark	863964	✓	✓	✓	✓	-	✓
CWB	✓	✓	✓	✓	395042	✓	✓	✓	✓	-	✓
EPL_CD	✓	✓	✓	✓	23644	✓	✓	✓	✓	-	✓
DECOMP	✓	✓	✓	✓	240000	✓	✓	✓	✓	-	✓
LEVEL	\checkmark	✓	✓	\checkmark	183558	✓	✓	✓	✓	-	✓
WSECTOR	✓	✓	✓	✓	78840	✓	✓	✓	✓	-	✓
$WATER_RESOURCES$	✓	✓	✓	✓	14698	✓	✓	✓	✓	-	✓
TALIS	<u> </u>	<u> </u>	<u> </u>	<u> </u>	✓	<u> </u>	<u> </u>	<u> </u>	<u> </u>	-	<u> </u>

Table 9: Evaluation of http://oecd.270a.info/sparql

2 Existential Quantifications

	Constraints
s	EXISTENTIAL-QUANTIFICATIONS-01 EXISTENTIAL-QUANTIFICATIONS-02 EXISTENTIAL-QUANTIFICATIONS-03 EXISTENTIAL-QUANTIFICATIONS-04
Oa.info/spare	ql 7 🗸 🗸

Table 10: Evaluation of http://oecd.270a.info/sparql

3 Cardinality Restrictions

stage MINIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-02 MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01 EXACT-UNQUALIFIED-CARDINALITY-RESTRICTIONS-01 EXACT-COVALIFIED-CARDINALITY-RESTRICTIONS-01

Constraints

Table 11: Evaluation of http://oecd.270a.info/sparql

Constraints Data Sets RGRADAGERPERSCRS1RENRLAGERIOMARKERSGENDERRFIN1 $TIGS_IO$ RENRLTABLE2BTABLE3A $TIVA_OECD_WTO$ TABLE2ASTAN08BISRGRADSTY $STANI_4$

Table 12: Evaluation of http://oecd.270a.info/sparql

DACGEO

Constraints MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01 Data Sets KEI $REF_TOTALOFFICIAL$ TABLE1 $FDI_POSITION_PARTNER$ $FDI_FLOW_PARTNER$ RFIN2 $HEALTH_STAT$ $SNA_TABLE620$ $SNA_TABLE720$ TABLE4 $SNA_TABLE710$ $SNA_TABLE610$ PT4 $FATS_IN3_SERV$ REG_DEMO_TL3 PT3ICTGRP

Table 13: Evaluation of http://oecd.270a.info/sparql

${\bf Constraints}$ MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01Data Sets ROVERAGEPT2MIG $REF_TOTALRECPTS$ REG_INNO_TL3 $FATS_OUT3_SERV$ DACSECTORRNENTAGE REG_LAB_TL3 TABLE5 POP_FIVE_HIST $AMNE_IN_PARTNER$ CPA $QASA_TABLE7PSD$ $FDI_POSITION_INDUSTRY$ CSPCUBE $FDI_FLOW_INDUSTRY$

Table 14: Evaluation of http://oecd.270a.info/sparql

Constraints MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01 **Data Sets** CSP2012 $AMNE_IN$ REG_DEMO_TL2 $MSTI_PUB$ $ANBERD_REV4$ MULTISYSTEM AFA_IN3 PT9 $HEALTH_REAC$ $HEALTH_PROC$ AFA_IN3_MANUF γ_{IA} CITIES $AFA_OUT3_PARTNER$ $TIMELY_BDS_ISIC4$ $AIR_EMISSIONS$ SURVEYDATA

Table 15: Evaluation of http://oecd.270a.info/sparql

Constraints MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01 Data Sets AFA_CALC_IN3 PT7PT8BPF1 $MEI_CPI_WEIGHTS$ RPOP $G20_PRICES$ $HEALTH_HCQI$ ULC_EEQ FSS $AMNE_OUT_PARTNER$ $GVC_INDICATORS$ PPP2005 $HEALTH_DEMR$ EAR_MEI AFA_OUT3

Table 16: Evaluation of http://oecd.270a.info/sparql

 $GREEN_GROWTH$

	Constraints
Data Sets	
DACIND	✓
TABLE7B	✓
PDYGTH	✓
REF_TOTAL_ODF	\checkmark
$HEALTH_ECOR$	\checkmark
FDI_BOP_IIP	✓
7HA	✓
DACDEFL	✓
AIR_GHG	\checkmark
$WATER_ABSTRACT$	✓
REG_ENV_TL3	✓
MUNW	✓
SNA_TABLE4	✓ ✓ ✓
HEALTH_LVNG	✓
$AMNE_OUT$	✓
$ITF_PASSENGER_TRANSPORT$	✓
EDUGPS_EAG2013_A	<u> </u>

Table 17: Evaluation of http://oecd.270a.info/sparql

${\bf Constraints}$ MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01Data Sets $SOCX_REF$ DEC_I CS G_TYPE_RATIO AFA_CALC_OUT3 U_D_D FIN_IND_FA $WATER_TREAT$ MFP $7II_INDIC$ RMW MW_CURP $WILD_LIFE$ $ITCS_EXCH$ PPPGDP AV_AN_WAGE

Table 18: Evaluation of http://oecd.270a.info/sparql

 $EDUGPS_EAG2013_B$

${\bf Constraints}$ MAXIMUM-QUALIFIED-CARDINALITY-RESTRICTIONS-01Data Sets $EDUGPS_EAG2013_C$ MIN2AVE EPL_OV FORESTCPL $EDUGPS_EAG2013_D$ $G_FUNCTION_RATIO$ UN_DEN EPL_R $EPL_{-}T$ CWB EPL_CD DECOMPLEVEL

Table 19: Evaluation of http://oecd.270a.info/sparql

WSECTOR

TALIS

 $WATER_RESOURCES$

4 Structure

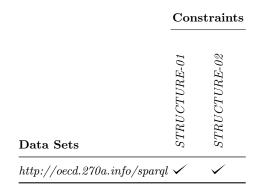


Table 20: Evaluation of http://oecd.270a.info/sparql

5 Further Constraints