Score Card

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There are a total of 34 countries with more than 6 macroprudential actions. For the contingency tables, the vertical axis records business cycle identification from property price data, and the horizontal one records that from nominal credit to GDP ratio.

Table 1: Property Price HP trend Score for CA

	boom	bust	neither
tight	0	5	1
loose	0	1	0
total	21	41	13

Table 2: Property Price Gap Score for CA

	boom	bust
tight	2	4
loose	1	0
total	30	45

Table 3: Credit to GDP ratio HP trend Score for CA

	boom	bust	neither
tight	4	1	1
loose	1	0	0
total	32	29	14

Table 4: Credit to GDP ratio Gap Score for CA

	boom	bust
tight	4	2
loose	0	1
total	40	35

Table 5: Contingency table for cycle identification for CA

	boom	bust	neither
boom	4	15	2
bust	24	13	4
neither	4	1	8

Table 6: Contingency table for cycle identification for CA

	boom	bust	neither
boom bust neither	0.0533333 0.3200000 0.0533333	0.2000000 0.1733333 0.0133333	$\begin{array}{c} 0.0266667 \\ 0.0533333 \\ 0.1066667 \end{array}$

Table 7: Property Price HP trend Score for DK

	boom	bust	neither
tight	2	1	0
loose	2	3	0
total	31	30	16

Table 8: Property Price Gap Score for DK

	boom	bust
tight	1	2
loose	1	4
total	16	61

Table 9: Credit to GDP ratio HP trend Score for DK

	boom	bust	neither
tight	1	1	1
loose	2	2	1
total	19	48	10

Table 10: Credit to GDP ratio Gap Score for DK

	boom	bust
tight	2	1
loose	3	2
total	42	35

Table 11: Contingency table for cycle identification for DK

	boom	bust	neither
boom	14	16	1
bust	5	19	6
neither	0	13	3

Table 12: Contingency table for cycle identification for DK

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.1818182 \\ 0.0649351 \\ 0.0000000 \end{array}$	0.2077922 0.2467532 0.1688312	$\begin{array}{c} 0.0129870 \\ 0.0779221 \\ 0.0389610 \end{array}$

Table 13: Property Price HP trend Score for IS

	boom	bust	neither
tight	0	0	0
loose	0	5	0
total	10	10	7

Table 14: Property Price Gap Score for IS

	boom	bust
tight	0	0
loose	2	3
total	9	18

Table 15: Credit to GDP ratio HP trend Score for IS

	boom	bust	neither
tight	0	0	0
loose	0	3	2
total	9	6	12

Table 16: Credit to GDP ratio Gap Score for IS $\,$

	boom	bust
tight	0	0
loose	5	0
total	16	11

Table 17: Contingency table for cycle identification for IS

	boom	bust	neither
boom	9	0	1
bust	0	6	4
neither	0	0	7

Table 18: Contingency table for cycle identification for IS

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.3333333\\ 0.0000000\\ 0.0000000\end{array}$	0.0000000 0.222222 0.0000000	$\begin{array}{c} 0.0370370 \\ 0.1481481 \\ 0.2592593 \end{array}$

Table 19: Property Price HP trend Score for NO

	boom	bust	neither
tight	1	1	2
loose	0	1	0
total	33	37	5

Table 20: Property Price Gap Score for NO

	boom	bust
tight	0	4
loose	1	0
total	25	50

Table 21: Credit to GDP ratio HP trend Score for NO

	boom	bust	neither
tight	2	1	1
loose	1	0	0
total	36	20	19

Table 22: Credit to GDP ratio Gap Score for NO

	boom	bust
tight	0	4
loose	0	1
total	34	41

Table 23: Contingency table for cycle identification for NO

	boom	bust	neither
boom	11	6	16
bust	24	12	1
neither	1	2	2

Table 24: Contingency table for cycle identification for NO

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.1466667 \\ 0.3200000 \\ 0.0133333 \end{array}$	$\begin{array}{c} 0.0800000 \\ 0.1600000 \\ 0.0266667 \end{array}$	$\begin{array}{c} 0.2133333 \\ 0.0133333 \\ 0.0266667 \end{array}$

Table 25: Property Price HP trend Score for SE

	boom	bust	neither
tight	3	1	0
loose	1	2	0
total	29	30	15

Table 26: Property Price Gap Score for SE

	boom	bust
tight	1	3
loose	2	1
total	35	39

Table 27: Credit to GDP ratio HP trend Score for SE $\,$

	boom	bust	neither
tight	1	3	0
loose	2	1	0
total	26	40	8

Table 28: Credit to GDP ratio Gap Score for SE

	boom	bust
tight	2	2
loose	0	3
total	34	40

Table 29: Contingency table for cycle identification for SE $\,$

	boom	bust	neither
boom	12	17	0
bust	10	13	7
neither	4	10	1

Table 30: Contingency table for cycle identification for SE $\,$

	boom	bust	neither
boom	0.1621622	0.2297297	$\begin{array}{c} 0.0000000\\ 0.0945946\\ 0.0135135 \end{array}$
bust	0.1351351	0.1756757	
neither	0.0540541	0.1351351	

Table 31: Property Price HP trend Score for CH

	boom	bust	neither
tight	2	0	3
loose	0	0	0
total	28	28	19

Table 32: Property Price Gap Score for CH

	boom	bust
tight	4	1
loose	0	0
total	38	37

Table 33: Credit to GDP ratio HP trend Score for CH

	boom	bust	neither
tight	3	0	2
loose	0	0	0
total	37	30	8

Table 34: Credit to GDP ratio Gap Score for CH

	boom	bust
tight	4	1
loose	0	0
total	43	32

Table 35: Contingency table for cycle identification for CH

	boom	bust	neither
boom	24	2	2
bust	6	20	2
neither	7	8	4

Table 36: Contingency table for cycle identification for CH

	boom	bust	neither
boom	0.3200000	0.0266667 0.2666667 0.1066667	0.0266667
bust	0.0800000		0.0266667
neither	0.0933333		0.0533333

Table 37: Property Price HP trend Score for GB

	boom	bust	neither
tight	2	4	0
loose	0	2	0
total	45	27	5

Table 38: Property Price Gap Score for GB

	boom	bust
tight	1	5
loose	1	1
total	26	51

Table 39: Credit to GDP ratio HP trend Score for GB

	boom	bust	neither
tight	1	5	0
loose	0	1	1
total	27	41	9

Table 40: Credit to GDP ratio Gap Score for GB

	boom	bust
tight	4	2
loose	2	0
total	40	37

Table 41: Contingency table for cycle identification for GB

	boom	bust	neither
boom	18	22	5
bust	6	17	4
neither	3	2	0

Table 42: Contingency table for cycle identification for GB

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.2337662 \\ 0.0779221 \\ 0.0389610 \end{array}$	$\begin{array}{c} 0.2857143 \\ 0.2207792 \\ 0.0259740 \end{array}$	0.0649351 0.0519481 0.0000000

Table 43: Property Price HP trend Score for BE

	boom	bust	neither
tight	0	1	1
loose	2	0	2
total	17	47	11

Table 44: Property Price Gap Score for BE

	boom	bust
tight	1	1
loose	1	3
total	27	48

Table 45: Credit to GDP ratio HP trend Score for BE

	boom	bust	neither
tight	1	1	0
loose	2	0	2
total	29	20	26

Table 46: Credit to GDP ratio Gap Score for BE $\,$

	boom	bust
tight	1	1
loose	1	3
total	22	53

Table 47: Contingency table for cycle identification for BE

	boom	bust	neither
boom	15	0	2
bust	14	18	15
neither	0	2	9

Table 48: Contingency table for cycle identification for BE

	boom	bust	neither
boom bust neither	0.2000000 0.1866667 0.0000000	0.0000000 0.2400000 0.0266667	$\begin{array}{c} 0.0266667 \\ 0.2000000 \\ 0.1200000 \end{array}$

Table 49: Property Price HP trend Score for FI

	boom	bust	neither
tight	0	2	0
loose	1	2	0
total	27	38	9

Table 50: Property Price Gap Score for FI

	boom	bust
tight	1	1
loose	2	1
total	41	33

Table 51: Credit to GDP ratio HP trend Score for FI

	boom	bust	neither
tight	0	2	0
loose	1	1	1
total	20	37	17

Table 52: Credit to GDP ratio Gap Score for FI

	boom	bust
tight	1	1
loose	1	2
total	37	37

Table 53: Contingency table for cycle identification for FI

	boom	bust	neither
boom	13	10	4
bust	7	23	8
neither	0	4	5

Table 54: Contingency table for cycle identification for FI

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.1756757 \\ 0.0945946 \\ 0.0000000 \end{array}$	$\begin{array}{c} 0.1351351 \\ 0.3108108 \\ 0.0540541 \end{array}$	$\begin{array}{c} 0.0540541 \\ 0.1081081 \\ 0.0675676 \end{array}$

Table 55: Property Price HP trend Score for GR

	boom	bust	neither
tight	0	0	0
loose	3	0	0
total	17	8	5

Table 56: Property Price Gap Score for GR

	boom	bust
tight	0	0
loose	0	3
total	15	15

Table 57: Credit to GDP ratio HP trend Score for GR

	boom	bust	neither
tight	0	0	0
loose	2	1	0
total	14	11	5

Table 58: Credit to GDP ratio Gap Score for GR

	boom	bust
tight	0	0
loose	0	3
total	15	15

Table 59: Contingency table for cycle identification for GR

	boom	bust	neither
boom	10	7	0
bust	1	2	5
neither	3	2	0

Table 60: Contingency table for cycle identification for GR

	boom	bust	neither
boom	0.3333333	0.2333333	0.0000000
bust	0.0333333	0.0666667	0.1666667
neither	0.1000000	0.0666667	0.0000000

Table 61: Property Price HP trend Score for IE

	boom	bust	neither
tight	6	1	0
loose	6	3	2
total	39	19	17

Table 62: Property Price Gap Score for IE

	boom	bust
tight	3	4
loose	7	4
total	34	41

Table 63: Credit to GDP ratio HP trend Score for IE

	boom	bust	neither
tight	2	5	0
loose	4	3	4
total	21	44	10

Table 64: Credit to GDP ratio Gap Score for IE

	boom	bust
tight	3	4
loose	8	3
total	36	39

Table 65: Contingency table for cycle identification for IE

	boom	bust	neither
boom	15	24	0
bust	0	13	6
neither	6	7	4

Table 66: Contingency table for cycle identification for IE

	boom	bust	neither
boom	0.20	0.3200000	0.0000000
bust	0.00	0.1733333	0.0800000
neither	0.08	0.0933333	0.0533333

Table 67: Property Price HP trend Score for LU

	boom	bust	neither
tight	1	1	0
loose	0	1	0
total	10	16	0

Table 68: Property Price Gap Score for LU

	boom	bust
tight	0	2
loose	0	1
total	0	26

Table 69: Credit to GDP ratio HP trend Score for LU

	boom	bust	neither
tight	1	0	1
loose	1	0	0
total	13	4	9

Table 70: Credit to GDP ratio Gap Score for LU

	boom	bust
tight	2	0
loose	1	0
total	20	6

Table 71: Contingency table for cycle identification for LU

	boom	bust	neither
boom	1	4	5
bust	12	0	4

Table 72: Contingency table for cycle identification for LU

	boom	bust	neither
boom bust	$\begin{array}{c} 0.0384615 \\ 0.4615385 \end{array}$	$\begin{array}{c} 0.1538462 \\ 0.0000000 \end{array}$	$0.1923077 \\ 0.1538462$

Table 73: Property Price HP trend Score for NL

	boom	bust	neither
tight	1	3	1
loose	0	1	0
total	31	22	21

Table 74: Property Price Gap Score for NL

boom	bust
2	3
1	0
47	27
	2 1

Table 75: Credit to GDP ratio HP trend Score for NL

	boom	bust	neither
tight	0	3	2
loose	0	0	1
total	33	25	16

Table 76: Credit to GDP ratio Gap Score for NL

	boom	bust
tight	2	3
loose	1	0
total	33	41

Table 77: Contingency table for cycle identification for NL

	boom	bust	neither
boom	20	10	1
bust	0	9	13
neither	13	6	2

Table 78: Contingency table for cycle identification for NL

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.2702703 \\ 0.0000000 \\ 0.1756757 \end{array}$	0.1351351 0.1216216 0.0810811	$\begin{array}{c} 0.0135135 \\ 0.1756757 \\ 0.0270270 \end{array}$

Table 79: Property Price HP trend Score for PT

	boom	bust	neither
tight loose total	0 1 9	0 0 7	0 0

Table 80: Property Price Gap Score for PT

	boom	bust
tight	0	0
loose	1	0
total	11	11

Table 81: Credit to GDP ratio HP trend Score for PT

	boom	bust	neither
tight	0	0	0
loose	0	1	0
total	9	9	4

Table 82: Credit to GDP ratio Gap Score for PT $\,$

	boom	bust
tight	0	0
loose	0	1
total	11	11

Table 83: Contingency table for cycle identification for PT

	boom	bust	neither
boom	0	9	0
bust	5	0	2
neither	4	0	2

Table 84: Contingency table for cycle identification for PT

	boom	bust	neither
boom	0.0000000	0.4090909	0.0000000
bust	0.2272727	0.0000000	0.0909091
neither	0.1818182	0.0000000	0.0909091

Table 85: Property Price HP trend Score for ES

	boom	bust	neither
tight	0	4	0
loose	0	3	0
total	26	34	14

Table 86: Property Price Gap Score for ES

	boom	bust
tight	3	1
loose	3	0
total	34	40

Table 87: Credit to GDP ratio HP trend Score for ES

	boom	bust	neither
tight	0	3	1
loose	0	3	0
total	16	45	13

Table 88: Credit to GDP ratio Gap Score for ES

	boom	bust
tight	4	0
loose	3	0
total	37	37

Table 89: Contingency table for cycle identification for ES

	boom	bust	neither
boom	12	5	9
bust	0	30	4
neither	4	10	0

Table 90: Contingency table for cycle identification for ES

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.1621622 \\ 0.0000000 \\ 0.0540541 \end{array}$	0.0675676 0.4054054 0.1351351	$\begin{array}{c} 0.1216216 \\ 0.0540541 \\ 0.0000000 \end{array}$

Table 91: Property Price HP trend Score for CN

	boom	bust	neither
tight	5	3	0
loose	1	1	2
total	16	14	6

Table 92: Property Price Gap Score for CN

	boom	bust
tight	6	2
loose	2	2
total	16	20

Table 93: Credit to GDP ratio HP trend Score for CN

	boom	bust	neither
tight	0	3	5
loose	3	0	1
total	9	13	14

Table 94: Credit to GDP ratio Gap Score for CN

	boom	bust
tight	6	2
loose	0	4
total	12	24

Table 95: Contingency table for cycle identification for CN

	boom	bust	neither
boom	0	8	8
bust	4	5	5
neither	5	0	1

Table 96: Contingency table for cycle identification for CN

	boom	bust	neither
boom bust neither	0.0000000 0.1111111 0.1388889	0.2222222 0.1388889 0.0000000	$\begin{array}{c} 0.2222222\\ 0.1388889\\ 0.0277778 \end{array}$

Table 97: Property Price HP trend Score for HK

	boom	bust	neither
tight	6	3	2
loose	1	3	1
total	29	28	17

Table 98: Property Price Gap Score for HK

	boom	bust
tight	9	2
loose	3	2
total	39	35

Table 99: Credit to GDP ratio HP trend Score for HK

	boom	bust	neither
tight	9	0	2
loose	2	1	2
total	41	17	16

Table 100: Credit to GDP ratio Gap Score for ${\rm HK}$

	boom	bust
tight	6	5
loose	4	1
total	46	28

Table 101: Contingency table for cycle identification for HK

	boom	bust	neither
boom	14	14	1
bust	25	0	3
neither	2	3	12

Table 102: Contingency table for cycle identification for HK

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.1891892 \\ 0.3378378 \\ 0.0270270 \end{array}$	$\begin{array}{c} 0.1891892 \\ 0.0000000 \\ 0.0405405 \end{array}$	$\begin{array}{c} 0.0135135 \\ 0.0405405 \\ 0.1621622 \end{array}$

Table 103: Property Price HP trend Score for IN

	boom	bust	neither
tight	1	0	0
loose	0	0	0
total	5	11	4

Table 104: Property Price Gap Score for IN

	boom	bust
tight	0	1
loose	0	0
total	14	6

Table 105: Credit to GDP ratio HP trend Score for IN

	boom	bust	neither
tight	0	1	0
loose	0	0	0
total	8	7	5

Table 106: Credit to GDP ratio Gap Score for IN

	boom	bust
tight	1	0
loose	0	0
total	5	15

Table 107: Contingency table for cycle identification for IN

	boom	bust	neither
boom	0	5	0
bust	8	0	3
neither	0	2	2

Table 108: Contingency table for cycle identification for IN

	boom	bust	neither
boom	0.0	0.25	0.00
bust	0.4	0.00	0.15
neither	0.0	0.10	0.10

Table 109: Property Price HP trend Score for KR

	boom	bust	neither
tight	3	1	1
loose	4	1	0
total	22	5	4

Table 110: Property Price Gap Score for KR

	boom	bust
tight	2	3
loose	2	3
total	13	18

Table 111: Credit to GDP ratio HP trend Score for KR

	boom	bust	neither
tight	0	2	3
loose	2	2	1
total	9	13	9

Table 112: Credit to GDP ratio Gap Score for KR

	boom	bust
tight	2	3
loose	1	4
total	5	26

Table 113: Contingency table for cycle identification for KR

	boom	bust	neither
boom	9	8	5
bust	0	3	2
neither	0	2	2

Table 114: Contingency table for cycle identification for KR

	boom	bust	neither
boom bust neither	0.2903226 0.0000000 0.0000000	$\begin{array}{c} 0.2580645 \\ 0.0967742 \\ 0.0645161 \end{array}$	$\begin{array}{c} 0.1612903 \\ 0.0645161 \\ 0.0645161 \end{array}$

Table 115: Property Price HP trend Score for MY

	boom	bust	neither
tight	6	2	0
loose	0	3	2
total	20	28	19

Table 116: Property Price Gap Score for MY

	boom	bust
tight	3	5
loose	1	4
total	35	32

Table 117: Credit to GDP ratio HP trend Score for MY

	boom	bust	neither
tight	4	2	2
loose	2	3	0
total	33	20	14

Table 118: Credit to GDP ratio Gap Score for MY

	boom	bust
tight	4	4
loose	4	1
total	37	30

Table 119: Contingency table for cycle identification for MY

	boom	bust	neither
boom	15	0	5
bust	7	15	6
neither	11	5	3

Table 120: Contingency table for cycle identification for MY

	boom	bust	neither
boom	0.2238806	0.0000000	0.0746269
bust	0.1044776	0.2238806	0.0895522
neither	0.1641791	0.0746269	0.0447761

Table 121: Property Price HP trend Score for PH

	boom	bust	neither
tight	1	0	0
loose	0	0	0
total	10	8	4

Table 122: Property Price Gap Score for PH

	boom	bust
tight	0	1
loose	0	0
total	11	11

Table 123: Credit to GDP ratio HP trend Score for PH

	boom	bust	neither
tight	0	0	1
loose	0	0	0
total	9	8	5

Table 124: Credit to GDP ratio Gap Score for PH

	boom	bust
${\text{tight}}$	0	1
loose	0	0
total	4	18

Table 125: Contingency table for cycle identification for PH

	boom	bust	neither
boom	9	0	1
bust	0	8	0
neither	0	0	4

Table 126: Contingency table for cycle identification for PH

	boom	bust	neither
boom	0.4090909	0.0000000	0.0454545
bust neither	0.0000000 0.0000000	0.3636364 0.0000000	$0.0000000 \\ 0.1818182$

Table 127: Property Price HP trend Score for SG

	boom	bust	neither
tight	2	8	5
loose	1	2	0
total	14	29	20
	1	_	20

Table 128: Property Price Gap Score for SG

	boom	bust
tight	14	1
loose	0	3
total	36	27

Table 129: Credit to GDP ratio HP trend Score for SG

	boom	bust	neither
tight	8	1	6
loose	1	2	0
total	25	18	20

Table 130: Credit to GDP ratio Gap Score for SG

	boom	bust
tight	7	8
loose	3	0
total	32	31

Table 131: Contingency table for cycle identification for SG

	boom	bust	neither
boom	1	8	5
bust	12	7	10
neither	12	3	5

Table 132: Contingency table for cycle identification for SG

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.0158730 \\ 0.1904762 \\ 0.1904762 \end{array}$	$\begin{array}{c} 0.1269841 \\ 0.1111111 \\ 0.0476190 \end{array}$	$\begin{array}{c} 0.0793651 \\ 0.1587302 \\ 0.0793651 \end{array}$

Table 133: Property Price HP trend Score for TH

om	bust	neither
2	0	3
0	4	0
25	21	14
	0	$\begin{array}{ccc} 2 & 0 \\ 0 & 4 \end{array}$

Table 134: Property Price Gap Score for TH

	boom	bust
tight	2	3
loose	1	3
total	34	26

Table 135: Credit to GDP ratio HP trend Score for TH

	boom	bust	neither
tight	1	2	2
loose	0	3	1
total	20	17	23

Table 136: Credit to GDP ratio Gap Score for TH

	boom	bust
tight	1	4
loose	3	1
total	26	34

Table 137: Contingency table for cycle identification for TH

	boom	bust	neither
boom	20	0	5
bust	0	12	9
neither	0	5	9

Table 138: Contingency table for cycle identification for TH

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.3333333\\ 0.0000000\\ 0.0000000\end{array}$	$\begin{array}{c} 0.0000000 \\ 0.2000000 \\ 0.0833333 \end{array}$	0.0833333 0.1500000 0.1500000

Table 139: Property Price HP trend Score for HR

	boom	bust	neither
tight	3	0	0
loose	0	1	0
total	15	11	13
	O	11	13

Table 140: Property Price Gap Score for HR

	boom	bust
tight	2	1
loose	0	1
total	13	26

Table 141: Credit to GDP ratio HP trend Score for HR

	boom	bust	neither
tight	3	0	0
loose	1	0	0
total	19	13	7

Table 142: Credit to GDP ratio Gap Score for ${\rm HR}$

	boom	bust
tight	0	3
loose	1	0
total	20	19

Table 143: Contingency table for cycle identification for HR

	boom	bust	neither
boom	11	4	0
bust	7	0	4
neither	1	9	3

Table 144: Contingency table for cycle identification for HR

	boom	bust	neither
boom bust neither	$\begin{array}{c} 0.2820513 \\ 0.1794872 \\ 0.0256410 \end{array}$	$\begin{array}{c} 0.1025641 \\ 0.0000000 \\ 0.2307692 \end{array}$	$\begin{array}{c} 0.00000000 \\ 0.1025641 \\ 0.0769231 \end{array}$

Table 145: Property Price HP trend Score for EE

	boom	bust	neither
tight	1	0	0
loose	1	3	0
total	16	11	5

Table 146: Property Price Gap Score for EE

	boom	bust
tight	0	1
loose	3	1
total	15	17

Table 147: Credit to GDP ratio HP trend Score for EE

	boom	bust	neither
tight	0	1	0
loose	3	0	1
total	12	10	10

Table 148: Credit to GDP ratio Gap Score for ${\rm EE}$

	boom	bust
tight	0	1
loose	1	3
total	13	19

Table 149: Contingency table for cycle identification for EE

	boom	bust	neither
boom	0	10	6
bust	8	0	3
neither	4	0	1

Table 150: Contingency table for cycle identification for EE

	boom	bust	neither
boom bust neither	0.000 0.250 0.125	0.3125 0.0000 0.0000	$0.18750 \\ 0.09375 \\ 0.03125$

Table 151: Property Price HP trend Score for HU

	boom	bust	neither
tight	3	1	0
loose	1	3	1
total	10	15	3

Table 152: Property Price Gap Score for HU

	boom	bust
tight	4	0
loose	0	5
total	13	15

Table 153: Credit to GDP ratio HP trend Score for HU

	boom	bust	neither
tight	0	0	4
loose	0	2	3
total	8	7	13

Table 154: Credit to GDP ratio Gap Score for HU

	boom	bust
tight	1	3
loose	4	1
total	19	9

Table 155: Contingency table for cycle identification for HU

	boom	bust	neither
boom	0	2	8
bust	8	2	5
neither	0	3	0

Table 156: Contingency table for cycle identification for HU

	boom	bust	neither
boom	0.0000000	0.0714286	0.2857143
bust	0.2857143	0.0714286	0.1785714
neither	0.0000000	0.1071429	0.0000000

Table 157: Property Price HP trend Score for LV

	boom	bust	neither
tight	0	1	0
loose	1	3	0
total	18	12	1

Table 158: Property Price Gap Score for LV

	boom	bust
tight	1	0
loose	3	1
total	14	17

Table 159: Credit to GDP ratio HP trend Score for LV

	boom	bust	neither
tight	1	0	0
loose	3	0	1
total	11	11	9

Table 160: Credit to GDP ratio Gap Score for LV

	boom	bust
tight	0	1
loose	1	3
total	13	18

Table 161: Contingency table for cycle identification for LV

	boom	bust	neither
boom	0	11	7
bust	11	0	1
neither	0	0	1

Table 162: Contingency table for cycle identification for LV

	boom	bust	neither
boom	0.0000000	0.3548387	0.2258065
bust	0.3548387	0.0000000	0.0322581
neither	0.0000000	0.0000000	0.0322581

Table 163: Property Price HP trend Score for LT

	boom	bust	neither
tight	1	0	0
loose	2	0	0
total	23	10	7

Table 164: Property Price Gap Score for LT

	boom	bust
tight	0	1
loose	2	0
total	16	24

Table 165: Credit to GDP ratio HP trend Score for LT

	boom	bust	neither
tight	0	1	0
loose	1	0	1
total	15	14	11

Table 166: Credit to GDP ratio Gap Score for LT

	boom	bust
tight	1	0
loose	0	2
total	19	21

Table 167: Contingency table for cycle identification for LT

	boom	bust	neither
boom	7	10	6
bust	5	0	5
neither	3	4	0

Table 168: Contingency table for cycle identification for LT

	boom	bust	neither
boom	0.175	0.25	0.150
bust	0.125	0.00	0.125
neither	0.075	0.10	0.000

Table 169: Property Price HP trend Score for PL

	boom	bust	neither
tight	0	2	0
loose	2	0	0
total	6	5	3

Table 170: Property Price Gap Score for PL

	boom	bust
tight	0	2
loose	0	2
total	0	14

Table 171: Credit to GDP ratio HP trend Score for PL

	boom	bust	neither
tight	2	0	0
loose	1	0	1
total	9	0	5

Table 172: Credit to GDP ratio Gap Score for PL

	boom	bust
tight	0	2
loose	0	2
total	0	14

Table 173: Contingency table for cycle identification for PL

	boom	neither
boom	1	5
bust	5	0
neither	3	0

Table 174: Contingency table for cycle identification for PL

	boom	neither
boom	0.0714286	0.3571429
bust	0.3571429	0.0000000
neither	0.2142857	0.0000000

Table 175: Property Price HP trend Score for RO

	boom	bust	neither
tight	0	0	0
loose	1	0	0
total	8	8	2

Table 176: Property Price Gap Score for RO

	boom	bust
tight	0	0
loose	0	1
total	4	14

Table 177: Credit to GDP ratio HP trend Score for RO

	boom	bust	neither
tight	0	0	0
loose	0	0	1
total	9	0	9

Table 178: Credit to GDP ratio Gap Score for RO

	boom	bust
tight	0	0
loose	0	1
total	9	9

Table 179: Contingency table for cycle identification for RO

	boom	neither
boom	0	8
bust	8	0
neither	1	1

Table 180: Contingency table for cycle identification for RO

	boom	neither
boom bust	0.0000000 0.4444444	0.4444444
neither	0.055556	0.055556

Table 181: Property Price HP trend Score for SK

	boom	bust	neither
tight	1	0	0
loose	1	0	0
total	17	8	7

Table 182: Property Price Gap Score for SK

	boom	bust
tight	1	0
loose	1	0
total	14	18

Table 183: Credit to GDP ratio HP trend Score for SK

	boom	bust	neither
tight	1	0	0
loose	1	0	0
total	19	7	6

Table 184: Credit to GDP ratio Gap Score for SK $\,$

	boom	bust
tight	1	0
loose	1	0
total	15	17

Table 185: Contingency table for cycle identification for SK

	boom	bust	neither
boom	15	0	2
bust	3	4	1
neither	1	3	3

Table 186: Contingency table for cycle identification for SK

	boom	bust	neither
boom	0.46875	0.00000	$0.06250 \\ 0.03125 \\ 0.09375$
bust	0.09375	0.12500	
neither	0.03125	0.09375	

Table 187: Property Price HP trend Score for IL

	boom	bust	neither
tight	3	0	1
loose	0	0	0
total	23	26	8

Table 188: Property Price Gap Score for IL

	boom	bust
tight	4	0
loose	0	0
total	35	22

Table 189: Credit to GDP ratio HP trend Score for IL

	boom	bust	neither
tight	3	0	1
loose	0	0	0
total	23	18	16

Table 190: Credit to GDP ratio Gap Score for IL $\,$

	boom	bust
tight	3	1
loose	0	0
total	34	23

Table 191: Contingency table for cycle identification for IL

	boom	bust	neither
boom	14	0	9
bust	6	18	2
neither	3	0	5

Table 192: Contingency table for cycle identification for IL

	boom	bust	neither
boom bust neither	0.2456140 0.1052632 0.0526316	0.0000000 0.3157895 0.0000000	0.1578947 0.0350877 0.0877193

Table 193: Property Price HP trend Score for BR

	boom	bust	neither
tight	2	1	1
loose	1	0	0
total	14	28	8

Table 194: Property Price Gap Score for BR

	boom	bust
tight	3	1
loose	0	1
total	26	24

Table 195: Credit to GDP ratio HP trend Score for BR

	boom	bust	neither
tight	0	0	4
loose	0	0	1
total	0	10	40

Table 196: Credit to GDP ratio Gap Score for BR

	boom	bust
tight	1	3
loose	0	1
total	23	27

Table 197: Contingency table for cycle identification for BR

	bust	neither
boom	0	14
bust	10	18
neither	0	8

Table 198: Contingency table for cycle identification for BR

	bust	neither
boom	0.0	0.28
bust neither	$0.2 \\ 0.0$	$0.36 \\ 0.16$

Table 199: Property Price HP trend Score for RS

	boom	bust	neither
tight	0	0	0
loose	2	1	0
total	12	4	3

Table 200: Property Price Gap Score for RS

	boom	bust
tight	0	0
loose	2	1
total	10	9

Table 201: Credit to GDP ratio HP trend Score for RS

	boom	bust	neither
tight	0	0	0
loose	2	0	1
total	7	5	7

Table 202: Credit to GDP ratio Gap Score for RS

	boom	bust
tight	0	0
loose	3	0
total	12	7

Table 203: Contingency table for cycle identification for RS

	boom	bust	neither
boom	4	5	3
bust	2	0	2
neither	1	0	2

Table 204: Contingency table for cycle identification for RS $\,$

	boom	bust	neither
boom	0.2105263	0.2631579	0.1578947
bust neither	$\begin{array}{c} 0.1052632 \\ 0.0526316 \end{array}$	0.0000000 0.0000000	$\begin{array}{c} 0.1052632 \\ 0.1052632 \end{array}$