

2024/2025 SINGLE ELECTRICITY MARKET TRANSMISSION LOSS ADJUSTMENT FACTORS - ROI BASED MARKET

Trading Year

2024

2024

Market Participant - Distribution Unit ID TSC Unit ID SEMO	Transmission Station	kV	SEP_Day
Ardnacrusha 1 Generator Unit AA1 GU_400200 ARDNACRUSHA	110	0.979	
Ardnacrusha 2 Generator Unit AA2 GU_400201 ARDNACRUSHA	110	0.979	
Ardnacrusha 3 Generator Unit AA3 GU_400202 ARDNACRUSHA	110	0.979	
Ardnacrusha 4 Generator Unit AA4 GU_400203 ARDNACRUSHA	110	0.979	
Cnoc Windfarms AC1 GU_401670 THURLES	110	0.984	
Aghada 2 Generator Unit AD2 GU_400850 LONGPOINT	220	0.965	
Aghada BESS AD3 GU_403560 AGHADA_B	110	0.965	
Aghada BESS 2A AD4 GU_403570 AGHADA_B	110	0.965	
Aghada BESS 2B AD5 GU_404920 AGHADA_B	110	0.965	
Athea Wind Farm AH1 GU_401380 ATHEA	110	0.976	
Carrickallen Windfarm AL1 GU_402220 SHANKILL	110	0.998	
Arthurstown 1(ESB) Generator U AR2 GU_400570 KILTEEL	110	1.002	
ESB Arklow Bank ARB GU_401020 ARKLOW	110	0.994	
Acres Windfarm AS1 GU_401820 CATH_FALL	110	0.973	
AGHADA CT11 Generator Unit AT1 GU_400181 AGHADA_B	220	0.965	
AGHADA CT12 Generator Unit AT2 GU_400182 AGHADA_B	220	0.965	
AGHADA CT14 Generator Unit AT4 GU_400183 AGH_AT14	220	0.965	
Avonbeg BESS AV1 GU_404530 CRANE	110	0.986	
Ballybane Generator Unit BA1 GU_406600 BALLYLICKY	110	0.964	
Ballybane Wind Farm Phase 2 BA2 GU_401790 BALLYLICKY	110	0.964	
Ballybane Wind Farm Phase 3 BA3 GU_402010 BALLYLICKY	110	0.964	
Ballincollig Hill Generator Unit BCW GU_401000 TRALEE	110	0.975	
Bindoo Generator Unit BD1 GU_400050 RATRUSSAN	110	0.995	
Barranafaddock Windfarm BF1 GU_401810 BARRYMORE	110	0.973	
Boggeragh Windfarm Generator BG1 GU_400910 BOGGERAGH	110	0.962	
Boggeragh 2 Windfarm BG2 GU_401840 BOGGERAGH	110	0.962	
Boolynagleragh Windfarm BJ1 GU_403770 SLIEVECALLAN	110	0.981	
Beam Hill Wind Farm BM1 GU_404560 TRILLICK	110	0.962	
Bawnmore Windfarm BN1 GU_401150 MACROOM	110	0.966	
BRUREE HYDRO BR1 GU_400670 CHARLEVILLE	110	0.974	
Ballybay Wind Farm BS1 GU_404580 THURLES	110	0.984	
Booltiagh Windfarm BT1 GU_401720 BOOLTIAGH	110	0.977	
Booltiagh 2 Wind Farm BT2 GU_401730 BOOLTIAGH	110	0.977	
Bruckana Wind Farm Limited BU1 GU_401700 LISHEEN	110	0.98	
Ballywater Generator Unit BW1 GU_405890 CRANE	110	0.986	
Ballymartin Wind Farm Phase 1 BX1 GU_401710 WATERFORD	110	0.979	
Ballymartin Wind Farm Phase 2 BX2 GU_401760 WATERFORD	110	0.979	
Ballycadden Wind Farm BY1 GU_401290 LODGEWOOD	110	0.985	
Ballycadden Wind Farm Phase 2 BY2 GU_401360 LODGEWOOD	110	0.985	
Cark Wind Farm CAR GU_403900 LETTERKENNY	110	0.97	
Carraigcannon Windfarm (Gen U CD1 GU_401070 BOGGERAGH	110	0.962	
Coomagearlahy Generator Unit CG1 GU_404210 COOMAGEARLAH	110	0.961	
SWS Green Energy Gen Unit (Sill: CG2 GU_400730 COOMAGEARLAH	110	0.961	
SWS Kilgarvan Ext Inchincoosh CG3 GU_400731 COOMAGEARLAH	110	0.961	
Pallas Generator Unit CJ1 GU_400660 CLAHANE	110	0.974	
Clahane 2 Windfarm CJ2 GU_401980 CLAHANE	110	0.974	

Castledockrell Windfarm (Gen Unit)	CK1	GU_403390	LODGEWOOD	110	0.985
Cloghboola Wind Farm	CL1	GU_404570	CLOGHBOOLA	110	0.974
Carnsore Point Generator Unit	CNS	GU_400470	WEXFORD	110	0.985
Cappawhite	CP1	GU_402150	CAUTEEN	110	0.978
Cappawhite B Windfarm	CP3	GU_402340	CAUTEEN	110	0.978
Clady Generating Station	CU1	GU_401190	BINBANE	110	0.971
Cuillagh Generator Unit	CUH	GU_400030	LETTERKENNY	110	0.97
Coomacheo Generator Unit	CZ1	GU_400591	GARROW	110	0.966
Glanaruddery 1 Windfarm	DA1	GU_404490	CLOGHBOOLA	110	0.974
Glanaruddery 2 Windfarm	DA2	GU_404500	CLOGHBOOLA	110	0.974
Dublin Bay Generator Unit	DB1	GU_400500	IRISHTOWN	220	1.003
Huntstown TEG1	DG1	GU_405860	DUNSOGHLY	110	1.003
Cordal 1 Windfarm	DL1	GU_402110	CORDAL	110	0.968
Cordal 2 Windfarm	DL2	GU_402130	CORDAL	110	0.968
Derrinlough Windfarm	DN1	GU_406620	STONESTOWN	110	0.992
Dromada Windfarm Generator Unit	DR1	GU_400920	DROMADA	110	0.975
Derrysallagh Windfarm	DS1	GU_405830	GARVAGH	110	0.982
Dromdeeveen Windfarm	DV1	GU_401240	GLENLARA	110	0.975
Dublin Waste to Energy	DW1	GU_402030	RINGSEND	110	1.005
Derrybrien Wind Farm	DY1	GU_401440	DERRYBRIEN	110	0.978
Edenderry Power Supply	ED1	GU_401860	CUSHALING	110	0.979
Cushaling Power PPMG1	ED3	GU_401010	CUSHALING	110	0.979
Cushaling Power PPMG2	ED5	GU_401011	CUSHALING	110	0.979
Erne 1 Generator Unit	ER1	GU_400210	CLIFF	110	0.973
Erne 2 Generator Unit	ER2	GU_400211	CLIFF	110	0.973
Erne 3 Generator Unit	ER3	GU_400220	CATH_FALL	110	0.973
Erne 4 Generator Unit	ER4	GU_400221	CATH_FALL	110	0.973
Esk Windfarm	ES1	GU_404340	BOGGERAGH	110	0.962
EWIC	EW1	I_ROIEWIC	EWIC	400	0.953
Corduff Flexgen	FG2	GU_403680	CORDUFF	110	1.005
Gartnaneane Generator Unit	GA2	GU_400041	MEATH HILL	110	1.001
Grousemount Windfarm	GD1	GU_403790	COOMATAGGART	110	0.964
Gortahile Windfarm Ltd Generator Unit	GE1	GU_401060	CARLOW	110	0.991
Gorman BESS	GF1	GU_404260	GORMAN	110	1.002
Garvagh Glebe Generator Unit	GH1	GU_400950	GARVAGH	110	0.982
Tullynahaw Generator Unit	GH2	GU_400940	GARVAGH	110	0.982
Great Island CCGT	GI4	GU_400762	GREAT ISLAND	220	0.979
Bunnyconnellan Windfarm	GJ1	GU_403880	GLENREE	110	0.955
Midas Generator Unit	GLC	GU_400060	GLANLEE	110	0.96
Greenlink	GLK	I_ROIGRLK	LOUGHTOWN	150	0.977
Garracummer Wind Farm Ltd	GM1	GU_401740	CAUTEEN	110	0.978
Barnesmore (Golagh) Windfarm	GO1	GU_404450	GOLAGH	110	0.967
Golagh BESS	GO2	GU_404270	GOLAGH	110	0.967
Gardnershill Battery	GP1	GU_404510	FINGLAS	220	1.003
Grove Hill Windfarm	GR1	GU_401890	DUNDALK	110	1.003
Gibbet Hill Windfarm	GT1	GU_401340	LODGEWOOD	110	0.985
Glenough Windfarm	GU1	GU_401250	CAUTEEN	110	0.978
Grouselodge Windfarm (Gen Unit)	GW1	GU_401090	RATHKEALE	110	0.98
Glencarbry Windfarm	GY1	GU_404470	CAUTEEN	110	0.978
VPL Generation Unit	HN2	GU_400540	HUNTSTOWN	220	1.003

HPC1 Generation Unit	HNC	GU_400480	HUNTSTOWN	220	1.003
Hilltown Solar	HS1	GU_405090	BALTRASNA	110	1.005
Hortland Solar	HT1	GU_405100	KINNEGAD	110	1.001
Gallanstown Solar	IA1	GU_405840	GALLANSTOWN	110	1.005
Harlockstown Solar	IA2	GU_407330	GALLANSTOWN	110	1.005
Kylemore BESS	IH1	GU_403630	INCHICORE	110	1.004
South Wall BESS	IS2	GU_403600	IRISHTOWN	220	1.003
Ringsend Flexgen	IS3	GU_403610	IRISHTOWN	220	1.003
Indaver - Meath Waste - General	IW1	GU_401230	DRYBRIDGE	110	1.005
Knockglass Solar	JG1	GU_405080	MACROOM	110	0.966
Knockacummer Wind Farm	KC1	GU_401770	KNOCKACUMMER	110	0.965
Knockalassa Windfarm	KD1	GU_403940	SLIEVECALLAN	110	0.981
Killala Windfarm	KF1	GU_403750	TAWNAGHMORE	110	0.952
Killala Battery	KF2	GU_404550	TAWNAGHMORE	110	0.952
Dunneil Windfarm (Kingsmountain)	KG2	GU_400021	CUNGHILL	110	0.969
Kingsmountain Generator Unit	KGM	GU_400020	CUNGHILL	110	0.969
Kill Hill Wind Farm Limited	KH1	GU_401780	KILL HILL	110	0.983
Cloghanaleskirt Windfarm	KI1	GU_402280	CLOGHBOOLA	110	0.974
Knock South Windfarm	KK1	GU_401140	GALWAY	110	0.986
Knocknagoum Windfarm Limited	KM1	GU_401350	REAMORE	110	0.974
Knocknatallig Windfarm	KQ1	GU_403930	CHARLEVILLE	110	0.974
Knockalough WFPS	KU1	GU_403380	KNOCKALOUGH	110	0.983
Kilaveenoge 1 WF	KV1	GU_401950	DUNMANWAY	110	0.966
Knockawarriga 1 Windfarm	KW1	GU_404200	TRIEN	110	0.976
Knockawarriga 2 Windfarm	KW2	GU_404290	TRIEN	110	0.976
Kelwin 1 Windfarm	KZ1	GU_402300	KILPADDOGE	110	0.977
Kelwin 3 Diesel Unit	KZ3	GU_403000	KILPADDOGE	110	0.977
Kelwin 4 Battery	KZ4	GU_404520	KILPADDOGE	110	0.977
Drumlins Windfarm	LA1	GU_406530	LISLEA	110	1
Inniscarra (Lee unit 1) Generator	LE1	GU_400280	INISCARRA	110	0.969
Lee unit 2 Generator Unit	LE2	GU_400281	INISCARRA	110	0.969
Carrigadrohid Generator Unit	LE3	GU_400290	CARRIGADROHI	110	0.967
Lisdrumdoagh BESS	LF1	GU_404900	LISDRUM	110	1
Leitir Guingaid Wind Farm phase	LG1	GU_401500	SALTHILL	110	0.986
Liffey 1 Generator Unit	LI1	GU_400250	POLLAPHUCA	110	0.991
Liffey 2 Generator Unit	LI2	GU_400251	POLLAPHUCA	110	0.991
Liffey 3 Hydro Unit	LI3	GU_401220	POLLAPHUCA	110	0.991
Liffey 4 Generator Unit	LI4	GU_400252	POLLAPHUCA	110	0.991
Liffey 5 Generator Unit	LI5	GU_400260	POLLAPHUCA	110	0.991
Lenalea Wind Farm	LL1	GU_405930	LENALEA	110	0.97
Leanamore Windfarm	LM1	GU_402210	KILPADDOGE	110	0.977
Lysaghtstown Solar	LO1	GU_406580	KNOCKRAHA	110	0.969
Lanesboro	LR4	GU_400240	LANESBORO_A1	110	0.999
Lisheen Windfarm Phase 1	LS1	GU_400840	LISHEEN	110	0.98
Lisheen Wind Farm 2 Ltd	LS2	GU_401750	LISHEEN	110	0.98
Lisheen 3 Wind Farm	LS3	GU_404420	LISHEEN	110	0.98
Lumcloon ESS 1	LU1	GU_404360	DERRYCARNEY	110	0.992
Lumcloon ESS 2	LU2	GU_404370	DERRYCARNEY	110	0.992
Lissycasey Windfarm	LY1	GU_403950	BOOLTIAGH	110	0.977
Mulreavy Windfarm	MB1	GU_401930	MULREAVY	110	0.967

Meenadreen South 2 Windfarm	MB2	GU_401920	MULREAVY	110	0.967
Airoshin WF	MC1	GU_405870	BINBANE	110	1
Meentycat Generator Unit	MCT	GU_400070	MEENTYCAT	110	0.965
Monaincha Wind Farm	MH1	GU_401540	IKERRIN	110	0.988
Mountain Lodge Wind Farm	ML1	GU_400620	RATRUSSAN	110	0.995
Magheramore Windfarm	MM1	GU_403400	DALTON_A1	110	0.982
Moanmore Windfarm Generator	MMR	GU_400970	TULLABRACK	110	0.978
Mount Lucas Wind Farm Limited	MO1	GU_401690	MOUNT LUCAS	110	0.983
Moneypoint 1 Generator Unit	MP1	GU_400270	MNYPG1	380	0.981
Moneypoint 2 Generator Unit	MP2	GU_400271	MNYPG1	380	0.981
Moneypoint 3 Generator Unit	MP3	GU_400272	MNYPG1	380	0.981
Moneypoint Sync Comp	MP5	GU_405170	MONEYPOINT	110	1
Moneypoint Windfarm	MP9	GU_402080	MONEYPOINT	110	0.978
Mauricetown Windfarm	MR1	GU_403980	GLENLARA	110	0.975
Muingnaminnane Generator Uni	MU1	GU_400960	TRALEE	110	0.975
Raheen Barr Gen Unit	MXE	GU_403740	CASTLEBAR	110	0.975
Blundelstown Solar	NA1	GU_406520	BLUNDELSTOWN	110	1.005
Gillinstown Solar	NB1	GU_405190	Garballagh	110	1.003
Cloghan Windfarm	NC1	GU_405160	DERRYCARNEY	110	0.992
North Wall TEG1	NW8	GU_405850	NORTH WALL	220	1.0035
Meenbog	OA1	GU_404930	CLOGHER	110	0.967
Gorey BESS	OD1	GU_404540	BANOGE	110	0.99
Cloncreen Windfarm	OE1	GU_405140	KILCUMBER	110	0.979
Cloncreen BESS	OE2	GU_407320	KILCUMBER	110	0.979
Coollegrean Windfarm	OG1	GU_403920	CORDAL	110	0.968
Oweninney Windfarm 1	OY1	GU_403760	SRAHNAKILLY	110	0.95
Oweninney Windfarm 2	OY2	GU_405130	SRAHNAKILLY	110	0.95
Poolbeg	PB7	GU_403620	SHELLYBANKS	220	1.003
Poolbeg BESS	PB8	GU_403660	SHELLYBANKS	220	1.003
Shellybanks PBA	PBA	GU_400324	SHELLYBANKS	220	1.003
Shellybanks PBB	PBB	GU_400325	SHELLYBANKS	220	1.003
Porterstown BESS	PN1	GU_405070	KILTEEL	110	1.002
Castlepook Windfarm	PO1	GU_402190	CHARLEVILLE	110	0.974
Moanvane Winfarm	QA1	GU_406540	MOUNT LUCAS	110	0.983
Rathcahill West Windfarm	RC1	GU_401080	RATHKEALE	110	0.98
Boolinrudda Windfarm	RD1	GU_402270	SLIEVECALLAN	110	0.981
Richfield Generator Unit	RF1	GU_400080	WEXFORD	110	0.985
Raheenleagh	RL1	GU_401940	ARKLOW	110	0.994
Rosspile Solar	RO1	GU_405150	ROSSPILE	110	0.982
Rhode Peaking 1 Generator Unit	RP1	GU_400770	DERRYIRON	110	0.999
Rhode Peaking 2 Generator Unit	RP2	GU_400771	DERRYIRON	110	0.999
Raragh 2 Windfarm	RR2	GU_403970	MEATH HILL	110	1.001
Sliabh Bawn Windfarm	SB1	GU_401900	S L LIABH BAWN	110	0.995
Sorrell Island 1 Windfarm	SF1	GU_403800	BOOLTIAGH	110	0.977
Sorrell Island 2 Windfarm	SF2	GU_404480	BOOLTIAGH	110	0.977
Shannonbridge BESS A1	SI1	GU_404380	SHANNONBRIDG	110	0.992
Shannonbridge BESS A2	SI2	GU_404390	SHANNONBRIDG	110	0.992
Sealrock 3 Generator Unit	SK3	GU_400120	AUGHINISH	110	0.967
Sealrock 4 Generator Unit	SK4	GU_400121	AUGHINISH	110	0.967
Sorne Hill Generator Unit	SN1	GU_400550	TRILLICK	110	0.984

Sheskin Windfarm	SS1	GU_406560	BELLACORICK	110	0.95
Seecon Windfarm	SO1	GU_401990	UGGOOL	110	0.983
Shannonbridge Emergency Gene	SQ1	GU_406510	SHANNONBRIDG	110	0.992
Scartaglen 1 Windfarm	ST1	GU_402250	CORDAL	110	0.968
Scartaglen 2 Windfarm	ST2	GU_402260	CORDAL	110	0.968
Tarbert 1 Generator Unit	TB1	GU_400750	TARBERT	110	0.978
Tarbert 2 Generator Unit	TB2	GU_400751	TARBERT	110	0.978
Tarbert 3 Generator Unit	TB3	GU_400752	TARBERT	220	0.978
Tarbert 4 Generator Unit	TB4	GU_400753	TARBERT	220	0.978
Timahoe North Solar	TE1	GU_406590	TIMAHOE	110	1
Turlough Hill 1 Generator Unit	TH1	GU_400360	TURLOUGH HIL	220	0.996
Turlough Hill 2 Generator Unit	TH2	GU_400361	TURLOUGH HIL	220	0.996
Turlough Hill 3 Generator Unit	TH3	GU_400362	TURLOUGH HIL	220	0.996
Turlough Hill 4 Generator Unit	TH4	GU_400363	TURLOUGH HIL	220	0.996
Tullabrack Wind Farm	TK1	GU_402050	TULLABRACK	110	0.978
Tullabeg Solar	TL1	GU_406470	TULLABEG	110	0.988
Tullynamoyle 2 Windfarm	TM2	GU_402160	CORDERRY	110	0.983
Tullynamoyle 3 Windfarm	TM3	GU_402200	CORDERRY	110	0.983
Tournafulla Generator Unit	TN2	GU_400600	TRIEN	110	0.976
Tawnaghmore Peaking 1 Genera	TP1	GU_400780	TAWNAGHMORE	110	0.952
Tawnaghmore Peaking 3 Genera	TP3	GU_400781	TAWNAGHMORE	110	0.952
Taurbeg Wind Farm	TR1	GU_404990	GLENLARA	110	0.975
Tursillagh Windfarm	TUR	GU_403830	TRALEE	110	0.975
Tynagh Generator Unit	TYC	GU_400530	TYNAGH	220	0.987
Arderroo (Rockgrid) Windfarm	UF1	GU_405210	KNOCKRANNY	110	0.983
Uggool Wind Farm	UG1	GU_401960	UGGOOL	110	0.983
Taghart Windfarm	VB1	GU_405110	MEATH HILL	110	1.001
Whitegate Generator Unit	WG1	GU_400930	GLANAGOW	220	0.965
Shannonbridge Generator Unit	WO4	GU_400370	SHANNONBRIDG	110	0.992
Woodhouse Wind Farm	WS1	GU_401680	WOODHOUSE	110	0.974
Carrigdangan Windfarm	XA1	GU_404330	CARRIGDANGAN	110	0.963
Black Lough Windfarm	XL1	GU_403990	GLENREE	110	0.955
Carrowleagh Windfarm	XR1	GU_401280	GLENREE	110	0.955
Beenanaspuck and Tobertoreen	XT1	GU_404000	ATHEA	110	0.976
Beenanaspuck and Tobertoreen	XT2	GU_404010	ATHEA	110	0.976
Cronalaght 2	YC2	GU_403840	TIEVEBRACK	110	0.97
Ballycumber Windfarm	YR1	GU_404460	ARKLOW	110	0.994
Cleanrath Windfarm	YT1	GU_403810	COOMATAGGART	110	0.964
Cloghervaddy 2 Windfarm	YV2	GU_404630	BINBANE	110	0.971

Γ PARTICIPANTS

	2024	2024	2024	2024	2024	2024	2024	2025	2025
SEP_Night	OCT_Day	OCT_Night	NOV_Day	NOV_Night	DEC_Day	DEC_Night	JAN_Day	JAN_Night	
0.981	0.977	0.974	0.976	0.974	0.979	0.976	0.979	0.975	
0.981	0.977	0.974	0.976	0.974	0.979	0.976	0.979	0.975	
0.981	0.977	0.974	0.976	0.974	0.979	0.976	0.979	0.975	
0.981	0.977	0.974	0.976	0.974	0.979	0.976	0.979	0.975	
0.983	0.98	0.975	0.981	0.976	0.983	0.977	0.983	0.977	
0.97	0.955	0.949	0.956	0.952	0.958	0.956	0.959	0.956	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977	
0.986	1	0.996	1.002	0.998	1.001	0.996	1.001	0.995	
1.002	1.007	1.006	1.003	1.002	1.006	1.004	1.005	1.003	
0.999	0.994	0.996	0.995	0.997	0.996	0.994	0.994	0.994	
0.962	0.979	0.975	0.98	0.977	0.978	0.975	0.978	0.973	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.97	0.953	0.948	0.954	0.95	0.956	0.955	0.957	0.955	
0.991	0.985	0.985	0.987	0.987	0.987	0.982	0.983	0.981	
0.964	0.96	0.951	0.961	0.954	0.964	0.958	0.965	0.958	
0.964	0.96	0.951	0.961	0.954	0.964	0.958	0.965	0.958	
0.964	0.96	0.951	0.961	0.954	0.964	0.958	0.965	0.958	
0.973	0.974	0.97	0.974	0.972	0.977	0.974	0.977	0.974	
0.984	0.998	0.994	1	0.996	0.998	0.994	0.998	0.993	
0.976	0.965	0.959	0.967	0.961	0.969	0.964	0.969	0.964	
0.964	0.958	0.953	0.959	0.955	0.961	0.958	0.961	0.958	
0.964	0.958	0.953	0.959	0.955	0.961	0.958	0.961	0.958	
0.979	0.981	0.978	0.981	0.978	0.984	0.98	0.984	0.98	
0.944	0.972	0.964	0.975	0.967	0.974	0.965	0.975	0.964	
0.968	0.961	0.956	0.962	0.958	0.964	0.961	0.964	0.961	
0.976	0.969	0.963	0.97	0.964	0.972	0.968	0.973	0.968	
0.983	0.98	0.975	0.981	0.976	0.983	0.977	0.983	0.977	
0.976	0.978	0.975	0.978	0.976	0.98	0.978	0.98	0.978	
0.976	0.978	0.975	0.978	0.976	0.98	0.978	0.98	0.978	
0.977	0.975	0.968	0.977	0.969	0.979	0.97	0.978	0.97	
0.991	0.985	0.985	0.987	0.987	0.987	0.982	0.983	0.981	
0.985	0.977	0.976	0.98	0.978	0.979	0.972	0.975	0.97	
0.985	0.977	0.976	0.98	0.978	0.979	0.972	0.975	0.97	
0.99	0.984	0.985	0.986	0.987	0.986	0.981	0.982	0.98	
0.99	0.984	0.985	0.986	0.987	0.986	0.981	0.982	0.98	
0.955	0.978	0.97	0.981	0.973	0.977	0.971	0.978	0.969	
0.964	0.958	0.953	0.959	0.955	0.961	0.958	0.961	0.958	
0.967	0.963	0.959	0.964	0.96	0.967	0.963	0.967	0.963	
0.967	0.963	0.959	0.964	0.96	0.967	0.963	0.967	0.963	
0.967	0.963	0.959	0.964	0.96	0.967	0.963	0.967	0.963	
0.973	0.973	0.971	0.974	0.972	0.976	0.974	0.976	0.974	
0.973	0.973	0.971	0.974	0.972	0.976	0.974	0.976	0.974	

0.99	0.984	0.985	0.986	0.987	0.986	0.981	0.982	0.98
0.974	0.974	0.973	0.974	0.974	0.976	0.975	0.976	0.975
0.99	0.983	0.983	0.986	0.985	0.986	0.98	0.982	0.978
0.978	0.975	0.97	0.976	0.971	0.978	0.973	0.978	0.972
0.978	0.975	0.97	0.976	0.971	0.978	0.973	0.978	0.972
0.959	0.978	0.973	0.98	0.975	0.978	0.974	0.978	0.972
0.955	0.978	0.97	0.981	0.973	0.977	0.971	0.978	0.969
0.967	0.963	0.959	0.964	0.961	0.966	0.964	0.966	0.963
0.974	0.974	0.973	0.974	0.974	0.976	0.975	0.976	0.975
0.974	0.974	0.973	0.974	0.974	0.976	0.975	0.976	0.975
1.007	1.003	1.005	1.002	1.005	1.004	1.006	1.003	1.006
1.007	1.008	1.012	1.005	1.01	1.006	1.009	1.008	1.013
0.969	0.966	0.963	0.966	0.964	0.969	0.966	0.968	0.966
0.969	0.966	0.963	0.966	0.964	0.969	0.966	0.968	0.966
0.99	0.994	0.989	0.994	0.99	0.993	0.99	0.992	0.991
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977
0.972	0.986	0.981	0.987	0.983	0.987	0.982	0.987	0.981
0.975	0.969	0.962	0.97	0.964	0.973	0.968	0.974	0.967
1.009	1.004	1.007	1.003	1.006	1.005	1.007	1.005	1.007
0.977	0.98	0.977	0.98	0.977	0.983	0.979	0.983	0.979
0.975	0.99	0.985	0.975	0.969	0.981	0.975	0.978	0.971
0.975	0.99	0.985	0.975	0.969	0.981	0.975	0.978	0.971
0.975	0.99	0.985	0.975	0.969	0.981	0.975	0.978	0.971
0.962	0.978	0.975	0.979	0.977	0.978	0.975	0.977	0.973
0.962	0.978	0.975	0.979	0.977	0.978	0.975	0.977	0.973
0.962	0.979	0.975	0.98	0.977	0.978	0.975	0.978	0.973
0.962	0.979	0.975	0.98	0.977	0.978	0.975	0.978	0.973
0.964	0.958	0.953	0.959	0.955	0.961	0.958	0.961	0.958
0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
1.01	1.008	1.012	1.005	1.01	1.005	1.009	1.008	1.013
0.993	1.003	1.002	1.005	1.003	1.003	1.001	1.003	1
0.964	0.961	0.957	0.961	0.958	0.963	0.961	0.963	0.961
0.993	0.991	0.991	0.991	0.992	0.991	0.989	0.989	0.988
0.998	1.003	1.004	1.005	1.005	1.003	1.003	1.004	1.003
0.972	0.986	0.981	0.987	0.983	0.987	0.982	0.987	0.981
0.972	0.986	0.981	0.987	0.983	0.987	0.982	0.987	0.981
0.985	0.977	0.977	0.98	0.979	0.979	0.972	0.974	0.97
0.942	0.964	0.955	0.967	0.958	0.968	0.958	0.969	0.959
0.965	0.963	0.959	0.964	0.961	0.967	0.964	0.967	0.963
0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977
0.978	0.975	0.97	0.976	0.971	0.978	0.973	0.978	0.972
0.955	0.974	0.97	0.976	0.972	0.974	0.97	0.974	0.968
0.955	0.974	0.97	0.976	0.972	0.974	0.97	0.974	0.968
1.007	1.004	1.007	1.001	1.005	1.002	1.005	1.004	1.008
0.994	1.005	1.004	1.008	1.005	1.004	1.001	1.004	1
0.99	0.984	0.985	0.986	0.987	0.986	0.981	0.982	0.98
0.978	0.975	0.97	0.976	0.971	0.978	0.973	0.978	0.972
0.979	0.98	0.977	0.98	0.977	0.982	0.979	0.982	0.979
0.978	0.975	0.97	0.976	0.971	0.978	0.973	0.978	0.972
1.007	1.004	1.007	1.001	1.005	1.002	1.005	1.004	1.008

1.007	1.004	1.007	1.001	1.005	1.002	1.005	1.004	1.008
1.008	1.007	1.011	1.006	1.01	1.006	1.009	1.008	1.012
1.004	1.006	1.007	1.003	1.004	1.006	1.006	1.005	1.006
1.009	1.006	1.012	1.005	1.01	1.005	1.009	1.007	1.012
1.009	1.006	1.012	1.005	1.01	1.005	1.009	1.007	1.012
1.008	1.004	1.007	1.003	1.006	1.005	1.007	1.004	1.007
1.007	1.003	1.005	1.002	1.005	1.004	1.006	1.003	1.006
1.007	1.003	1.005	1.002	1.005	1.004	1.006	1.003	1.006
1.005	1.007	1.009	1.007	1.009	1.006	1.008	1.007	1.009
0.968	0.961	0.956	0.962	0.958	0.964	0.961	0.964	0.961
0.965	0.963	0.96	0.963	0.961	0.966	0.963	0.965	0.963
0.979	0.981	0.978	0.981	0.978	0.984	0.98	0.984	0.98
0.938	0.961	0.951	0.964	0.954	0.965	0.955	0.967	0.956
0.938	0.961	0.951	0.964	0.954	0.965	0.955	0.967	0.956
0.957	0.975	0.968	0.977	0.97	0.978	0.97	0.978	0.97
0.957	0.975	0.968	0.977	0.97	0.978	0.97	0.978	0.97
0.982	0.98	0.974	0.981	0.975	0.983	0.976	0.982	0.975
0.974	0.974	0.973	0.974	0.974	0.976	0.975	0.976	0.975
0.982	0.985	0.982	0.985	0.984	0.988	0.985	0.988	0.986
0.972	0.973	0.969	0.973	0.971	0.976	0.973	0.976	0.973
0.976	0.969	0.963	0.97	0.964	0.972	0.968	0.973	0.968
0.978	0.984	0.978	0.985	0.98	0.987	0.981	0.988	0.982
0.967	0.961	0.954	0.963	0.957	0.965	0.961	0.966	0.96
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977
0.976	0.975	0.974	0.976	0.975	0.978	0.976	0.978	0.977
0.977	0.977	0.976	0.977	0.977	0.979	0.978	0.978	0.978
0.977	0.977	0.976	0.977	0.977	0.979	0.978	0.978	0.978
0.977	0.977	0.976	0.977	0.977	0.979	0.978	0.978	0.978
0.989	0.999	0.995	1.001	0.997	1	0.995	1	0.994
0.972	0.961	0.956	0.962	0.958	0.964	0.962	0.964	0.961
0.972	0.961	0.956	0.962	0.958	0.964	0.962	0.964	0.961
0.968	0.961	0.956	0.962	0.958	0.964	0.962	0.964	0.961
0.989	1.003	0.997	1.006	0.999	1.003	0.997	1.003	0.996
0.981	0.985	0.982	0.986	0.984	0.988	0.985	0.989	0.985
0.992	0.988	0.993	0.987	0.995	0.988	0.991	0.985	0.99
0.992	0.988	0.993	0.987	0.995	0.988	0.991	0.985	0.99
0.992	0.988	0.993	0.987	0.995	0.988	0.991	0.985	0.99
0.992	0.988	0.993	0.987	0.995	0.988	0.991	0.985	0.99
0.955	0.977	0.971	0.98	0.973	0.978	0.971	0.978	0.97
0.977	0.977	0.976	0.977	0.977	0.979	0.978	0.978	0.978
0.973	0.959	0.954	0.96	0.956	0.962	0.96	0.963	0.959
0.994	1.001	0.997	1.001	0.998	1.003	0.999	1.004	0.999
0.977	0.975	0.968	0.977	0.969	0.979	0.97	0.978	0.97
0.977	0.975	0.968	0.977	0.969	0.979	0.97	0.978	0.97
0.977	0.975	0.968	0.977	0.969	0.979	0.97	0.978	0.97
0.99	0.994	0.991	0.992	0.989	0.995	0.991	0.994	0.99
0.99	0.994	0.991	0.992	0.989	0.995	0.991	0.994	0.99
0.976	0.978	0.975	0.978	0.976	0.98	0.978	0.98	0.978
0.955	0.974	0.97	0.976	0.972	0.974	0.97	0.974	0.968

0.955	0.974	0.97	0.976	0.972	0.974	0.97	0.974	0.968
1	0.978	0.973	0.98	0.975	0.978	0.974	0.978	0.972
0.951	0.974	0.967	0.976	0.97	0.974	0.968	0.974	0.966
0.986	0.985	0.979	0.986	0.98	0.988	0.982	0.988	0.981
0.984	0.998	0.994	1	0.996	0.998	0.994	0.998	0.993
0.973	0.981	0.977	0.983	0.979	0.986	0.981	0.987	0.982
0.977	0.978	0.976	0.978	0.977	0.98	0.979	0.98	0.979
0.98	0.988	0.985	0.976	0.972	0.981	0.977	0.978	0.974
0.981	0.981	0.981	0.981	0.982	0.983	0.983	0.982	0.983
0.981	0.981	0.981	0.981	0.982	0.983	0.983	0.982	0.983
0.981	0.981	0.981	0.981	0.982	0.983	0.983	0.982	0.983
1	0.978	0.977	0.978	0.978	0.98	0.979	0.979	0.979
0.978	0.978	0.977	0.978	0.978	0.98	0.979	0.979	0.979
0.975	0.969	0.962	0.97	0.964	0.973	0.968	0.974	0.967
0.973	0.974	0.97	0.974	0.972	0.977	0.974	0.977	0.974
0.965	0.977	0.972	0.98	0.975	0.982	0.977	0.984	0.978
1.01	1.008	1.013	1.006	1.01	1.007	1.01	1.009	1.013
1.004	1.004	1.009	1.005	1.008	1.005	1.007	1.005	1.008
0.99	0.994	0.991	0.992	0.989	0.995	0.991	0.994	0.99
1.0075	1.0045	1.007	1.002	1.0055	1.0025	1.0055	1.0045	1.0085
0.955	0.974	0.97	0.976	0.972	0.974	0.97	0.974	0.968
0.995	0.989	0.991	0.991	0.992	0.991	0.988	0.988	0.987
0.975	0.99	0.985	0.975	0.969	0.981	0.975	0.978	0.971
0.975	0.99	0.985	0.975	0.969	0.981	0.975	0.978	0.971
0.969	0.966	0.963	0.966	0.964	0.969	0.966	0.968	0.966
0.936	0.958	0.948	0.961	0.951	0.963	0.953	0.964	0.953
0.936	0.958	0.948	0.961	0.951	0.963	0.953	0.964	0.953
1.007	1.0035	1.006	1.002	1.005	1.003	1.0055	1.0035	1.007
1.007	1.0035	1.006	1.002	1.005	1.003	1.0055	1.0035	1.007
1.007	1.0035	1.006	1.002	1.005	1.003	1.0055	1.0035	1.007
1.007	1.0035	1.006	1.002	1.005	1.003	1.0055	1.0035	1.007
1.002	1.007	1.006	1.003	1.002	1.006	1.004	1.005	1.003
0.976	0.969	0.963	0.97	0.964	0.972	0.968	0.973	0.968
0.98	0.988	0.985	0.976	0.972	0.981	0.977	0.978	0.974
0.979	0.98	0.977	0.98	0.977	0.982	0.979	0.982	0.979
0.979	0.981	0.978	0.981	0.978	0.984	0.98	0.984	0.98
0.99	0.983	0.983	0.986	0.985	0.986	0.98	0.982	0.978
0.999	0.994	0.996	0.995	0.997	0.996	0.994	0.994	0.994
0.988	0.98	0.98	0.983	0.983	0.982	0.976	0.978	0.975
1.002	1.003	1.004	0.999	1	1.002	1.002	1.001	1.002
1.002	1.003	1.004	0.999	1	1.002	1.002	1.001	1.002
0.993	1.003	1.002	1.005	1.003	1.003	1.001	1.003	1
0.989	0.997	0.994	0.998	0.995	1	0.996	1	0.996
0.976	0.978	0.975	0.978	0.976	0.98	0.978	0.98	0.978
0.976	0.978	0.975	0.978	0.976	0.98	0.978	0.98	0.978
0.991	0.993	0.99	0.992	0.989	0.995	0.991	0.995	0.991
0.991	0.993	0.99	0.992	0.989	0.995	0.991	0.995	0.991
0.967	0.967	0.964	0.966	0.964	0.969	0.966	0.968	0.966
0.967	0.967	0.964	0.966	0.964	0.969	0.966	0.968	0.966
0.976	0.972	0.964	0.975	0.967	0.974	0.965	0.975	0.964

0.936	0.958	0.949	0.961	0.952	0.963	0.953	0.964	0.953
0.979	0.982	0.979	0.983	0.981	0.985	0.982	0.986	0.983
0.991	0.993	0.99	0.992	0.989	0.995	0.991	0.995	0.991
0.969	0.966	0.963	0.966	0.964	0.969	0.966	0.968	0.966
0.969	0.966	0.963	0.966	0.964	0.969	0.966	0.968	0.966
0.979	0.979	0.978	0.978	0.978	0.98	0.98	0.98	0.98
0.979	0.979	0.978	0.978	0.978	0.98	0.98	0.98	0.98
0.979	0.979	0.978	0.978	0.978	0.98	0.98	0.98	0.98
0.979	0.979	0.978	0.978	0.978	0.98	0.98	0.98	0.98
1.005	1.003	1.006	1.001	1.005	1.003	1.005	1.002	1.005
1.003	0.997	1.004	0.996	1.003	0.997	1.003	0.997	1.003
1.003	0.997	1.004	0.996	1.003	0.997	1.003	0.997	1.003
1.003	0.997	1.004	0.996	1.003	0.997	1.003	0.997	1.003
1.003	0.997	1.004	0.996	1.003	0.997	1.003	0.997	1.003
0.977	0.978	0.976	0.978	0.977	0.98	0.979	0.98	0.979
0.993	0.987	0.989	0.989	0.99	0.989	0.986	0.986	0.985
0.973	0.986	0.982	0.988	0.984	0.987	0.982	0.987	0.982
0.973	0.986	0.982	0.988	0.984	0.987	0.982	0.987	0.982
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977
0.938	0.961	0.951	0.964	0.954	0.965	0.955	0.967	0.956
0.938	0.961	0.951	0.964	0.954	0.965	0.955	0.967	0.956
0.975	0.969	0.962	0.97	0.964	0.973	0.968	0.974	0.967
0.973	0.974	0.97	0.974	0.972	0.977	0.974	0.977	0.974
0.987	0.985	0.988	0.985	0.988	0.987	0.989	0.987	0.99
0.978	0.984	0.978	0.985	0.98	0.987	0.981	0.988	0.982
0.979	0.982	0.979	0.983	0.981	0.985	0.982	0.986	0.983
0.993	1.003	1.002	1.005	1.003	1.003	1.001	1.003	1
0.97	0.955	0.949	0.956	0.952	0.958	0.956	0.959	0.956
0.991	0.993	0.99	0.992	0.989	0.995	0.991	0.995	0.991
0.978	0.967	0.964	0.97	0.967	0.971	0.966	0.969	0.965
0.964	0.958	0.952	0.96	0.954	0.962	0.958	0.963	0.958
0.942	0.964	0.955	0.967	0.958	0.968	0.958	0.969	0.959
0.942	0.964	0.955	0.967	0.958	0.968	0.958	0.969	0.959
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977
0.976	0.976	0.975	0.976	0.975	0.978	0.977	0.977	0.977
0.957	0.978	0.972	0.98	0.974	0.978	0.973	0.978	0.971
0.999	0.994	0.996	0.995	0.997	0.996	0.994	0.994	0.994
0.964	0.961	0.957	0.961	0.958	0.963	0.961	0.963	0.961
0.959	0.978	0.973	0.98	0.975	0.978	0.974	0.978	0.972

2025	2025	2025	2025	2025	2025	2025	2025	2025
FEB_Day	FEB_Night	MAR_Day	MAR_Night	APR_Day	APR_Night	MAY_Day	MAY_Night	JUNE_Day
0.978	0.976	0.983	0.98	0.977	0.977	0.985	0.985	0.982
0.978	0.976	0.983	0.98	0.977	0.977	0.985	0.985	0.982
0.978	0.976	0.983	0.98	0.977	0.977	0.985	0.985	0.982
0.978	0.976	0.983	0.98	0.977	0.977	0.985	0.985	0.982
0.982	0.977	0.985	0.979	0.973	0.976	0.976	0.982	0.972
0.958	0.954	0.963	0.956	0.955	0.953	0.978	0.979	0.97
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.977	0.976	0.979	0.978	0.976	0.976	0.982	0.982	0.98
1.002	0.996	1	0.995	1.001	0.992	0.997	0.988	0.997
1.004	1.003	1.005	1.003	1.002	1.001	1.001	1	1
0.993	0.994	0.996	0.996	0.992	0.995	0.993	0.995	0.992
0.981	0.975	0.98	0.975	0.981	0.971	0.98	0.966	0.982
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.956	0.953	0.961	0.955	0.954	0.952	0.978	0.98	0.969
0.983	0.982	0.986	0.985	0.979	0.98	0.98	0.981	0.979
0.964	0.957	0.968	0.958	0.96	0.957	0.976	0.974	0.969
0.964	0.957	0.968	0.958	0.96	0.957	0.976	0.974	0.969
0.964	0.957	0.968	0.958	0.96	0.957	0.976	0.974	0.969
0.976	0.974	0.978	0.975	0.972	0.972	0.98	0.98	0.976
0.999	0.994	0.997	0.992	0.998	0.99	0.995	0.986	0.993
0.968	0.963	0.973	0.965	0.963	0.963	0.98	0.983	0.973
0.96	0.957	0.964	0.958	0.958	0.956	0.973	0.972	0.967
0.96	0.957	0.964	0.958	0.958	0.956	0.973	0.972	0.967
0.983	0.98	0.985	0.982	0.981	0.978	0.987	0.983	0.984
0.976	0.964	0.975	0.964	0.975	0.957	0.971	0.952	0.973
0.964	0.96	0.968	0.962	0.961	0.959	0.977	0.976	0.971
0.972	0.967	0.976	0.969	0.968	0.966	0.983	0.983	0.977
0.982	0.977	0.985	0.979	0.973	0.976	0.976	0.982	0.972
0.979	0.977	0.981	0.979	0.978	0.976	0.984	0.981	0.981
0.979	0.977	0.981	0.979	0.978	0.976	0.984	0.981	0.981
0.977	0.969	0.981	0.972	0.967	0.971	0.971	0.977	0.967
0.983	0.982	0.986	0.985	0.979	0.98	0.98	0.981	0.979
0.974	0.972	0.978	0.975	0.97	0.97	0.974	0.974	0.971
0.974	0.972	0.978	0.975	0.97	0.97	0.974	0.974	0.971
0.982	0.981	0.985	0.984	0.979	0.98	0.98	0.981	0.979
0.982	0.981	0.985	0.984	0.979	0.98	0.98	0.981	0.979
0.98	0.97	0.978	0.97	0.98	0.965	0.977	0.96	0.978
0.96	0.957	0.964	0.958	0.958	0.956	0.973	0.972	0.967
0.966	0.963	0.969	0.964	0.963	0.961	0.976	0.975	0.97
0.966	0.963	0.969	0.964	0.963	0.961	0.976	0.975	0.97
0.966	0.963	0.969	0.964	0.963	0.961	0.976	0.975	0.97
0.976	0.973	0.977	0.975	0.971	0.973	0.979	0.979	0.975
0.976	0.973	0.977	0.975	0.971	0.973	0.979	0.979	0.975

0.982	0.981	0.985	0.984	0.979	0.98	0.98	0.981	0.979
0.976	0.975	0.977	0.976	0.974	0.974	0.981	0.98	0.978
0.981	0.979	0.984	0.982	0.976	0.977	0.977	0.979	0.975
0.977	0.972	0.981	0.975	0.973	0.973	0.98	0.981	0.976
0.977	0.972	0.981	0.975	0.973	0.973	0.98	0.981	0.976
0.981	0.973	0.979	0.973	0.98	0.968	0.978	0.963	0.98
0.98	0.97	0.978	0.97	0.98	0.965	0.977	0.96	0.978
0.965	0.963	0.968	0.964	0.963	0.961	0.976	0.975	0.971
0.976	0.975	0.977	0.976	0.974	0.974	0.981	0.98	0.978
0.976	0.975	0.977	0.976	0.974	0.974	0.981	0.98	0.978
1.002	1.005	1.004	1.008	1.005	1.008	1.005	1.007	1.005
1.007	1.013	1.005	1.01	1.008	1.013	1.005	1.009	1.004
0.968	0.966	0.971	0.967	0.966	0.965	0.977	0.976	0.973
0.968	0.966	0.971	0.967	0.966	0.965	0.977	0.976	0.973
0.993	0.99	0.994	0.991	0.99	0.989	0.99	0.988	0.991
0.977	0.977	0.979	0.978	0.976	0.976	0.982	0.982	0.98
0.987	0.981	0.987	0.981	0.986	0.978	0.986	0.976	0.985
0.973	0.967	0.977	0.969	0.968	0.967	0.984	0.983	0.977
1.004	1.007	1.005	1.008	1.006	1.009	1.005	1.008	1.005
0.982	0.978	0.984	0.98	0.978	0.977	0.982	0.982	0.979
0.976	0.97	0.977	0.971	0.975	0.97	0.973	0.97	0.973
0.976	0.97	0.977	0.971	0.975	0.97	0.973	0.97	0.973
0.976	0.97	0.977	0.971	0.975	0.97	0.973	0.97	0.973
0.98	0.974	0.979	0.975	0.981	0.971	0.98	0.966	0.981
0.98	0.974	0.979	0.975	0.981	0.971	0.98	0.966	0.981
0.981	0.975	0.98	0.975	0.981	0.971	0.98	0.966	0.982
0.981	0.975	0.98	0.975	0.981	0.971	0.98	0.966	0.982
0.96	0.957	0.964	0.958	0.958	0.956	0.973	0.972	0.967
0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953	0.953
1.007	1.013	1.005	1.01	1.007	1.012	1.004	1.009	1.004
1.004	1.001	1.001	0.999	1.003	0.998	0.999	0.993	0.998
0.963	0.96	0.966	0.961	0.96	0.959	0.974	0.973	0.968
0.988	0.988	0.992	0.991	0.986	0.986	0.988	0.986	0.986
1.004	1.003	1.002	1.002	1.004	1.001	1	0.997	1
0.987	0.981	0.987	0.981	0.986	0.978	0.986	0.976	0.985
0.987	0.981	0.987	0.981	0.986	0.978	0.986	0.976	0.985
0.974	0.972	0.978	0.975	0.97	0.97	0.973	0.973	0.971
0.969	0.958	0.968	0.959	0.964	0.955	0.965	0.954	0.964
0.966	0.963	0.969	0.964	0.963	0.962	0.976	0.975	0.97
0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977	0.977
0.977	0.972	0.981	0.975	0.973	0.973	0.98	0.981	0.976
0.976	0.969	0.975	0.97	0.977	0.965	0.974	0.96	0.976
0.976	0.969	0.975	0.97	0.977	0.965	0.974	0.96	0.976
1.003	1.008	1.003	1.006	1.005	1.008	1.002	1.005	1.002
1.005	1.001	1.002	0.999	1.005	0.998	1	0.992	0.998
0.982	0.981	0.985	0.984	0.979	0.98	0.98	0.981	0.979
0.977	0.972	0.981	0.975	0.973	0.973	0.98	0.981	0.976
0.982	0.979	0.985	0.981	0.98	0.981	0.986	0.986	0.983
0.977	0.972	0.981	0.975	0.973	0.973	0.98	0.981	0.976
1.003	1.008	1.002	1.006	1.005	1.008	1.002	1.004	1.001

1.003	1.008	1.002	1.006	1.005	1.008	1.002	1.004	1.001
1.007	1.012	1.004	1.009	1.007	1.011	1.003	1.007	1.002
1.004	1.006	1.004	1.006	1.001	1.002	0.999	1.001	0.998
1.006	1.012	1.003	1.01	1.005	1.012	1.001	1.008	1
1.006	1.012	1.003	1.01	1.005	1.012	1.001	1.008	1
1.003	1.007	1.005	1.008	1.006	1.009	1.006	1.008	1.005
1.002	1.005	1.004	1.008	1.005	1.008	1.005	1.007	1.005
1.002	1.005	1.004	1.008	1.005	1.008	1.005	1.007	1.005
1.007	1.009	1.004	1.007	1.007	1.008	1.002	1.004	1.001
0.964	0.96	0.968	0.962	0.961	0.959	0.977	0.976	0.971
0.965	0.962	0.968	0.964	0.963	0.962	0.974	0.973	0.969
0.983	0.98	0.985	0.982	0.981	0.978	0.987	0.983	0.984
0.966	0.955	0.965	0.956	0.96	0.952	0.962	0.951	0.961
0.966	0.955	0.965	0.956	0.96	0.952	0.962	0.951	0.961
0.978	0.97	0.978	0.97	0.976	0.967	0.976	0.965	0.975
0.978	0.97	0.978	0.97	0.976	0.967	0.976	0.965	0.975
0.982	0.975	0.985	0.978	0.973	0.976	0.978	0.983	0.974
0.976	0.975	0.977	0.976	0.974	0.974	0.981	0.98	0.978
0.987	0.985	0.988	0.985	0.985	0.982	0.99	0.984	0.989
0.975	0.973	0.977	0.974	0.972	0.971	0.979	0.979	0.975
0.972	0.967	0.976	0.969	0.968	0.966	0.983	0.983	0.977
0.987	0.981	0.988	0.981	0.984	0.978	0.989	0.98	0.988
0.965	0.96	0.969	0.961	0.961	0.958	0.977	0.976	0.971
0.977	0.977	0.979	0.978	0.976	0.976	0.982	0.982	0.98
0.977	0.976	0.979	0.977	0.975	0.975	0.981	0.981	0.978
0.978	0.978	0.98	0.979	0.977	0.978	0.983	0.983	0.98
0.978	0.978	0.98	0.979	0.977	0.978	0.983	0.983	0.98
0.978	0.978	0.98	0.979	0.977	0.978	0.983	0.983	0.98
1.001	0.994	0.998	0.993	1	0.99	0.997	0.985	0.996
0.964	0.961	0.969	0.963	0.961	0.96	0.98	0.98	0.973
0.964	0.961	0.969	0.963	0.961	0.96	0.98	0.98	0.973
0.964	0.96	0.968	0.962	0.961	0.959	0.977	0.977	0.971
1.004	0.997	1.002	0.995	1.003	0.992	0.998	0.987	0.998
0.988	0.985	0.989	0.985	0.985	0.982	0.99	0.984	0.989
0.985	0.99	0.992	0.993	0.987	0.986	0.988	0.985	0.987
0.985	0.99	0.992	0.993	0.987	0.986	0.988	0.985	0.987
0.985	0.99	0.992	0.993	0.987	0.986	0.988	0.985	0.987
0.985	0.99	0.992	0.993	0.987	0.986	0.988	0.985	0.987
0.98	0.971	0.978	0.97	0.979	0.965	0.976	0.959	0.978
0.978	0.978	0.98	0.979	0.977	0.978	0.983	0.983	0.98
0.962	0.958	0.966	0.96	0.959	0.957	0.979	0.979	0.971
1.003	0.998	1.003	0.999	0.997	0.992	0.997	0.992	0.995
0.977	0.969	0.981	0.972	0.967	0.971	0.971	0.977	0.967
0.977	0.969	0.981	0.972	0.967	0.971	0.971	0.977	0.967
0.977	0.969	0.981	0.972	0.967	0.971	0.971	0.977	0.967
0.993	0.99	0.995	0.991	0.987	0.986	0.989	0.989	0.987
0.993	0.99	0.995	0.991	0.987	0.986	0.989	0.989	0.987
0.979	0.977	0.981	0.979	0.978	0.976	0.984	0.981	0.981
0.976	0.969	0.975	0.969	0.977	0.965	0.974	0.96	0.976

0.976	0.969	0.975	0.969	0.977	0.965	0.974	0.96	0.976
0.981	0.973	0.979	0.973	0.98	0.968	0.978	0.963	0.98
0.976	0.967	0.975	0.967	0.976	0.962	0.973	0.957	0.975
0.987	0.981	0.99	0.983	0.974	0.981	0.976	0.986	0.972
0.999	0.994	0.997	0.992	0.998	0.99	0.995	0.986	0.993
0.986	0.981	0.987	0.982	0.981	0.978	0.985	0.979	0.984
0.979	0.978	0.981	0.979	0.978	0.977	0.984	0.983	0.982
0.977	0.973	0.977	0.974	0.975	0.973	0.973	0.972	0.973
0.982	0.983	0.983	0.984	0.981	0.982	0.986	0.986	0.984
0.982	0.983	0.983	0.984	0.981	0.982	0.986	0.986	0.984
0.982	0.983	0.983	0.984	0.981	0.982	0.986	0.986	0.984
0.979	0.979	0.981	0.98	0.978	0.978	0.984	0.983	0.982
0.979	0.979	0.981	0.98	0.978	0.978	0.984	0.983	0.982
0.973	0.967	0.977	0.969	0.968	0.967	0.984	0.983	0.977
0.976	0.974	0.978	0.975	0.972	0.972	0.98	0.98	0.976
0.982	0.977	0.983	0.978	0.977	0.974	0.979	0.974	0.979
1.008	1.013	1.005	1.011	1.006	1.012	1.003	1.008	1.002
1.005	1.008	1.001	1.006	1.003	1.007	0.999	1.003	0.998
0.993	0.99	0.995	0.991	0.987	0.986	0.989	0.989	0.987
1.0035	1.008	1.003	1.0065	1.005	1.008	1.003	1.005	1.002
0.976	0.969	0.975	0.97	0.977	0.965	0.975	0.961	0.976
0.987	0.988	0.99	0.99	0.985	0.987	0.985	0.988	0.984
0.976	0.97	0.977	0.971	0.975	0.97	0.973	0.97	0.973
0.976	0.97	0.977	0.971	0.975	0.97	0.973	0.97	0.973
0.968	0.966	0.971	0.967	0.966	0.965	0.977	0.976	0.973
0.963	0.953	0.963	0.953	0.957	0.948	0.958	0.948	0.958
0.963	0.953	0.963	0.953	0.957	0.948	0.958	0.948	0.958
1.0025	1.0065	1.0035	1.007	1.0045	1.008	1.004	1.0055	1.0035
1.0025	1.0065	1.0035	1.007	1.0045	1.008	1.004	1.0055	1.0035
1.0025	1.0065	1.0035	1.007	1.0045	1.008	1.004	1.0055	1.0035
1.0025	1.0065	1.0035	1.007	1.0045	1.008	1.004	1.0055	1.0035
1.004	1.003	1.005	1.003	1.002	1.001	1.001	1	1
0.972	0.967	0.976	0.969	0.968	0.966	0.983	0.983	0.977
0.977	0.973	0.977	0.974	0.975	0.973	0.973	0.972	0.973
0.982	0.979	0.985	0.981	0.98	0.981	0.986	0.986	0.983
0.983	0.98	0.985	0.982	0.981	0.978	0.987	0.983	0.984
0.981	0.979	0.984	0.982	0.976	0.977	0.977	0.979	0.975
0.993	0.994	0.996	0.996	0.992	0.995	0.993	0.995	0.992
0.977	0.976	0.98	0.979	0.972	0.974	0.974	0.976	0.972
1	1.001	1	1.002	0.997	0.999	0.995	0.998	0.995
1	1.001	1	1.002	0.997	0.999	0.995	0.998	0.995
1.004	1.001	1.001	0.999	1.003	0.998	0.999	0.993	0.998
0.999	0.995	0.999	0.995	0.994	0.989	0.994	0.988	0.993
0.979	0.977	0.981	0.979	0.978	0.976	0.984	0.981	0.981
0.979	0.977	0.981	0.979	0.978	0.976	0.984	0.981	0.981
0.994	0.991	0.996	0.992	0.988	0.988	0.991	0.992	0.988
0.994	0.991	0.996	0.992	0.988	0.988	0.991	0.992	0.988
0.968	0.966	0.973	0.97	0.972	0.973	0.972	0.972	0.969
0.968	0.966	0.973	0.97	0.972	0.973	0.972	0.972	0.969
0.976	0.964	0.975	0.964	0.975	0.957	0.971	0.952	0.973

0.964	0.953	0.963	0.953	0.957	0.949	0.959	0.948	0.958
0.985	0.982	0.986	0.983	0.982	0.979	0.987	0.982	0.987
0.994	0.991	0.996	0.992	0.988	0.988	0.991	0.992	0.988
0.968	0.966	0.971	0.967	0.966	0.965	0.977	0.976	0.973
0.968	0.966	0.971	0.967	0.966	0.965	0.977	0.976	0.973
0.98	0.979	0.981	0.98	0.978	0.979	0.984	0.984	0.982
0.98	0.979	0.981	0.98	0.978	0.979	0.984	0.984	0.982
0.98	0.979	0.981	0.98	0.978	0.979	0.984	0.984	0.982
0.98	0.979	0.981	0.98	0.978	0.979	0.984	0.984	0.982
1.002	1.005	1.003	1.005	1.002	1.005	1.001	1.003	1
0.996	1.003	0.998	1.004	0.996	1.003	0.997	1.002	0.996
0.996	1.003	0.998	1.004	0.996	1.003	0.997	1.002	0.996
0.996	1.003	0.998	1.004	0.996	1.003	0.997	1.002	0.996
0.996	1.003	0.998	1.004	0.996	1.003	0.997	1.002	0.996
0.979	0.978	0.981	0.979	0.978	0.977	0.984	0.983	0.982
0.985	0.986	0.988	0.988	0.982	0.985	0.983	0.985	0.981
0.988	0.982	0.987	0.982	0.987	0.979	0.987	0.976	0.986
0.988	0.982	0.987	0.982	0.987	0.979	0.987	0.976	0.986
0.977	0.977	0.979	0.978	0.976	0.976	0.982	0.982	0.98
0.966	0.955	0.965	0.956	0.96	0.952	0.962	0.951	0.961
0.966	0.955	0.965	0.956	0.96	0.952	0.962	0.951	0.961
0.973	0.967	0.977	0.969	0.968	0.967	0.984	0.983	0.977
0.976	0.974	0.978	0.975	0.972	0.972	0.98	0.98	0.976
0.986	0.989	0.987	0.989	0.985	0.987	0.99	0.99	0.99
0.987	0.981	0.988	0.982	0.984	0.978	0.989	0.98	0.988
0.985	0.982	0.986	0.983	0.982	0.979	0.987	0.982	0.987
1.004	1.001	1.001	0.999	1.003	0.998	0.999	0.993	0.998
0.958	0.954	0.963	0.956	0.955	0.953	0.978	0.979	0.97
0.994	0.991	0.996	0.992	0.988	0.988	0.991	0.992	0.988
0.968	0.965	0.972	0.967	0.963	0.963	0.976	0.977	0.97
0.962	0.957	0.966	0.959	0.958	0.956	0.974	0.973	0.968
0.969	0.958	0.968	0.959	0.964	0.955	0.965	0.954	0.964
0.969	0.958	0.968	0.959	0.964	0.955	0.965	0.954	0.964
0.977	0.976	0.979	0.978	0.976	0.976	0.982	0.982	0.98
0.977	0.976	0.979	0.978	0.976	0.976	0.982	0.982	0.98
0.98	0.972	0.979	0.972	0.98	0.966	0.977	0.961	0.978
0.993	0.994	0.996	0.996	0.992	0.995	0.993	0.995	0.992
0.963	0.96	0.966	0.961	0.96	0.959	0.974	0.973	0.968
0.981	0.973	0.979	0.973	0.98	0.968	0.978	0.963	0.98

2025	2025	2025	2025	2025	2025	2025
JUNE_Night	JULY_Day	JULY_Night	AUG_Day	AUG_Night	SEP_Day	SEP_Night
0.982	0.982	0.984	0.981	0.982	0.983	0.984
0.982	0.982	0.984	0.981	0.982	0.983	0.984
0.982	0.982	0.984	0.981	0.982	0.983	0.984
0.982	0.982	0.984	0.981	0.982	0.983	0.984
0.98	0.975	0.982	0.975	0.981	0.978	0.981
0.971	0.968	0.971	0.965	0.967	0.97	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.989	0.998	0.988	0.999	0.988	0.999	0.988
1	1.005	1.004	1.005	1.005	1.001	1
0.995	0.992	0.995	0.99	0.994	0.991	0.994
0.968	0.981	0.968	0.981	0.968	0.98	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.971	0.968	0.972	0.965	0.967	0.969	0.969
0.981	0.98	0.983	0.978	0.982	0.979	0.98
0.968	0.969	0.969	0.967	0.966	0.971	0.968
0.968	0.969	0.969	0.967	0.966	0.971	0.968
0.968	0.969	0.969	0.967	0.966	0.971	0.968
0.977	0.977	0.978	0.977	0.978	0.98	0.979
0.987	0.996	0.986	0.997	0.986	0.996	0.986
0.976	0.973	0.977	0.971	0.974	0.975	0.976
0.967	0.967	0.968	0.965	0.966	0.968	0.967
0.967	0.967	0.968	0.965	0.966	0.968	0.967
0.981	0.985	0.982	0.984	0.982	0.986	0.983
0.953	0.973	0.953	0.974	0.953	0.973	0.954
0.971	0.97	0.972	0.968	0.969	0.972	0.971
0.977	0.977	0.978	0.975	0.975	0.978	0.977
0.98	0.975	0.982	0.975	0.981	0.978	0.981
0.979	0.982	0.981	0.981	0.98	0.984	0.981
0.979	0.982	0.981	0.981	0.98	0.984	0.981
0.974	0.971	0.976	0.971	0.975	0.973	0.975
0.981	0.98	0.983	0.978	0.982	0.979	0.98
0.973	0.973	0.977	0.971	0.975	0.972	0.973
0.973	0.973	0.977	0.971	0.975	0.972	0.973
0.98	0.979	0.983	0.978	0.982	0.978	0.98
0.98	0.979	0.983	0.978	0.982	0.978	0.98
0.961	0.978	0.961	0.979	0.961	0.978	0.962
0.967	0.967	0.968	0.965	0.966	0.968	0.967
0.97	0.971	0.971	0.969	0.97	0.972	0.971
0.97	0.971	0.971	0.969	0.97	0.972	0.971
0.97	0.971	0.971	0.969	0.97	0.972	0.971
0.977	0.977	0.978	0.976	0.978	0.979	0.979
0.977	0.977	0.978	0.976	0.978	0.979	0.979

0.98	0.979	0.983	0.978	0.982	0.978	0.98
0.978	0.979	0.98	0.979	0.979	0.981	0.98
0.978	0.977	0.981	0.976	0.98	0.976	0.978
0.978	0.978	0.98	0.976	0.979	0.979	0.979
0.978	0.978	0.98	0.976	0.979	0.979	0.979
0.964	0.979	0.965	0.98	0.965	0.979	0.965
0.961	0.978	0.961	0.979	0.961	0.978	0.962
0.971	0.971	0.972	0.969	0.97	0.972	0.972
0.978	0.979	0.98	0.979	0.979	0.981	0.98
0.978	0.979	0.98	0.979	0.979	0.981	0.98
1.007	1.003	1.006	1.002	1.005	1.002	1.006
1.01	1.005	1.009	1.005	1.01	1.006	1.011
0.973	0.973	0.974	0.972	0.972	0.974	0.974
0.973	0.973	0.974	0.972	0.972	0.974	0.974
0.989	0.995	0.993	0.996	0.995	0.992	0.99
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.977	0.987	0.976	0.987	0.976	0.987	0.977
0.978	0.977	0.979	0.975	0.976	0.979	0.978
1.008	1.004	1.007	1.003	1.006	1.004	1.007
0.98	0.982	0.981	0.981	0.981	0.982	0.981
0.97	0.991	0.987	0.99	0.99	0.974	0.97
0.97	0.991	0.987	0.99	0.99	0.974	0.97
0.97	0.991	0.987	0.99	0.99	0.974	0.97
0.968	0.981	0.968	0.981	0.968	0.98	0.969
0.968	0.981	0.968	0.981	0.968	0.98	0.969
0.968	0.981	0.968	0.981	0.968	0.98	0.969
0.968	0.981	0.968	0.981	0.968	0.98	0.969
0.967	0.967	0.968	0.965	0.966	0.968	0.967
0.953	0.953	0.953	0.953	0.953	0.953	0.953
1.01	1.005	1.009	1.005	1.01	1.006	1.011
0.994	1	0.993	1.001	0.994	1.001	0.993
0.968	0.969	0.969	0.967	0.967	0.97	0.969
0.986	0.987	0.989	0.986	0.988	0.986	0.986
0.998	1.001	0.997	1.002	0.998	1.001	0.998
0.977	0.987	0.976	0.987	0.976	0.987	0.977
0.977	0.987	0.976	0.987	0.976	0.987	0.977
0.972	0.972	0.976	0.971	0.974	0.971	0.972
0.954	0.964	0.953	0.964	0.953	0.966	0.955
0.97	0.971	0.972	0.969	0.97	0.973	0.971
0.977	0.977	0.977	0.977	0.977	0.977	0.977
0.978	0.978	0.98	0.976	0.979	0.979	0.979
0.962	0.976	0.962	0.976	0.962	0.975	0.963
0.962	0.976	0.962	0.976	0.962	0.975	0.963
1.005	1.002	1.005	1.002	1.005	1.002	1.006
0.994	1.002	0.993	1.003	0.993	1.002	0.993
0.98	0.979	0.983	0.978	0.982	0.978	0.98
0.978	0.978	0.98	0.976	0.979	0.979	0.979
0.984	0.984	0.985	0.983	0.985	0.986	0.986
0.978	0.978	0.98	0.976	0.979	0.979	0.979
1.005	1.002	1.004	1.002	1.005	1.002	1.006

1.005	1.002	1.004	1.002	1.005	1.002	1.006
1.008	1.004	1.007	1.004	1.008	1.005	1.009
1.001	1.002	1.004	1.002	1.005	1	1.001
1.009	1.002	1.008	1.002	1.009	1.003	1.01
1.009	1.002	1.008	1.002	1.009	1.003	1.01
1.008	1.005	1.007	1.003	1.006	1.004	1.007
1.007	1.003	1.006	1.002	1.005	1.002	1.006
1.007	1.003	1.006	1.002	1.005	1.002	1.006
1.005	1.003	1.004	1.004	1.005	1.004	1.005
0.971	0.97	0.972	0.968	0.969	0.972	0.971
0.969	0.97	0.97	0.969	0.969	0.971	0.97
0.981	0.985	0.982	0.984	0.982	0.986	0.983
0.951	0.96	0.95	0.96	0.95	0.963	0.952
0.951	0.96	0.95	0.96	0.95	0.963	0.952
0.965	0.975	0.965	0.976	0.965	0.977	0.966
0.965	0.975	0.965	0.976	0.965	0.977	0.966
0.98	0.977	0.982	0.976	0.981	0.979	0.981
0.978	0.979	0.98	0.979	0.979	0.981	0.98
0.984	0.988	0.983	0.988	0.983	0.99	0.985
0.976	0.977	0.977	0.976	0.977	0.979	0.978
0.977	0.977	0.978	0.975	0.975	0.978	0.977
0.98	0.987	0.979	0.987	0.979	0.989	0.981
0.97	0.971	0.971	0.969	0.968	0.973	0.97
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.979	0.979	0.98	0.979	0.98	0.982	0.981
0.981	0.982	0.983	0.981	0.982	0.983	0.983
0.981	0.982	0.983	0.981	0.982	0.983	0.983
0.981	0.982	0.983	0.981	0.982	0.983	0.983
0.986	0.996	0.986	0.998	0.986	0.998	0.986
0.973	0.972	0.974	0.97	0.971	0.974	0.973
0.973	0.972	0.974	0.97	0.971	0.974	0.973
0.971	0.971	0.972	0.968	0.969	0.972	0.971
0.988	0.999	0.987	1.002	0.988	1.001	0.987
0.983	0.989	0.983	0.988	0.983	0.99	0.985
0.984	0.986	0.988	0.986	0.987	0.985	0.986
0.984	0.986	0.988	0.986	0.987	0.985	0.986
0.984	0.986	0.988	0.986	0.987	0.985	0.986
0.984	0.986	0.988	0.986	0.987	0.985	0.986
0.984	0.986	0.988	0.986	0.987	0.985	0.986
0.96	0.978	0.961	0.979	0.961	0.978	0.961
0.981	0.982	0.983	0.981	0.982	0.983	0.983
0.972	0.97	0.973	0.967	0.97	0.971	0.971
0.992	0.998	0.993	0.998	0.993	0.998	0.993
0.974	0.971	0.976	0.971	0.975	0.973	0.975
0.974	0.971	0.976	0.971	0.975	0.973	0.975
0.974	0.971	0.976	0.971	0.975	0.973	0.975
0.988	0.992	0.992	0.991	0.992	0.99	0.988
0.988	0.992	0.992	0.991	0.992	0.99	0.988
0.979	0.982	0.981	0.981	0.98	0.984	0.981
0.961	0.976	0.962	0.976	0.962	0.975	0.962

0.961	0.976	0.962	0.976	0.962	0.975	0.962
0.964	0.979	0.965	0.98	0.965	0.979	0.965
0.958	0.975	0.958	0.975	0.958	0.975	0.958
0.983	0.977	0.986	0.977	0.985	0.979	0.984
0.987	0.996	0.986	0.997	0.986	0.996	0.986
0.979	0.983	0.978	0.983	0.978	0.986	0.98
0.981	0.983	0.982	0.982	0.982	0.984	0.983
0.972	0.987	0.986	0.989	0.987	0.974	0.972
0.985	0.986	0.986	0.985	0.986	0.987	0.987
0.985	0.986	0.986	0.985	0.986	0.987	0.987
0.985	0.986	0.986	0.985	0.986	0.987	0.987
0.981	0.983	0.983	0.982	0.983	0.984	0.984
0.981	0.983	0.983	0.982	0.983	0.984	0.984
0.978	0.977	0.979	0.975	0.976	0.979	0.978
0.977	0.977	0.978	0.977	0.978	0.98	0.979
0.973	0.978	0.972	0.977	0.973	0.98	0.975
1.009	1.004	1.009	1.005	1.01	1.005	1.011
1.004	1	1.003	1.001	1.004	1.002	1.004
0.988	0.992	0.992	0.991	0.992	0.99	0.988
1.0055	1.002	1.005	1.0025	1.006	1.003	1.007
0.962	0.976	0.962	0.976	0.962	0.975	0.963
0.988	0.985	0.989	0.983	0.988	0.984	0.987
0.97	0.99	0.987	0.99	0.99	0.974	0.97
0.97	0.99	0.987	0.99	0.99	0.974	0.97
0.973	0.973	0.974	0.972	0.972	0.974	0.974
0.947	0.957	0.946	0.957	0.947	0.959	0.948
0.947	0.957	0.946	0.957	0.947	0.959	0.948
1.006	1.003	1.0055	1.002	1.0055	1.0025	1.0065
1.006	1.003	1.0055	1.002	1.0055	1.0025	1.0065
1.006	1.003	1.0055	1.002	1.0055	1.0025	1.0065
1.006	1.003	1.0055	1.002	1.0055	1.0025	1.0065
1	1.005	1.004	1.005	1.005	1.001	1
0.977	0.977	0.978	0.975	0.975	0.978	0.977
0.972	0.987	0.986	0.989	0.987	0.974	0.972
0.984	0.984	0.985	0.983	0.985	0.986	0.986
0.981	0.985	0.982	0.984	0.982	0.986	0.983
0.978	0.977	0.981	0.976	0.98	0.976	0.978
0.995	0.992	0.995	0.99	0.994	0.991	0.994
0.975	0.974	0.979	0.972	0.978	0.973	0.975
0.998	1	1.002	1	1.003	0.997	0.998
0.998	1	1.002	1	1.003	0.997	0.998
0.994	1	0.993	1.001	0.994	1.001	0.993
0.988	0.995	0.989	0.995	0.989	0.996	0.989
0.979	0.982	0.981	0.981	0.98	0.984	0.981
0.979	0.982	0.981	0.981	0.98	0.984	0.981
0.99	0.991	0.993	0.991	0.992	0.991	0.991
0.99	0.991	0.993	0.991	0.992	0.991	0.991
0.97	0.97	0.971	0.969	0.971	0.972	0.972
0.97	0.97	0.971	0.969	0.971	0.972	0.972
0.953	0.973	0.953	0.974	0.953	0.973	0.954

0.947	0.957	0.946	0.957	0.947	0.96	0.948
0.981	0.986	0.98	0.985	0.981	0.987	0.982
0.99	0.991	0.993	0.991	0.992	0.991	0.991
0.973	0.973	0.974	0.972	0.972	0.974	0.974
0.973	0.973	0.974	0.972	0.972	0.974	0.974
0.982	0.983	0.984	0.982	0.983	0.984	0.984
0.982	0.983	0.984	0.982	0.983	0.984	0.984
0.982	0.983	0.984	0.982	0.983	0.984	0.984
0.982	0.983	0.984	0.982	0.983	0.984	0.984
1.003	1.002	1.004	1.001	1.004	1.001	1.003
1.002	0.996	1.003	0.996	1.003	0.996	1.002
1.002	0.996	1.003	0.996	1.003	0.996	1.002
1.002	0.996	1.003	0.996	1.003	0.996	1.002
1.002	0.996	1.003	0.996	1.003	0.996	1.002
0.981	0.983	0.982	0.982	0.982	0.984	0.983
0.985	0.982	0.987	0.981	0.986	0.981	0.984
0.977	0.987	0.977	0.987	0.977	0.988	0.977
0.977	0.987	0.977	0.987	0.977	0.988	0.977
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.951	0.96	0.95	0.96	0.95	0.963	0.952
0.951	0.96	0.95	0.96	0.95	0.963	0.952
0.978	0.977	0.979	0.975	0.976	0.979	0.978
0.977	0.977	0.978	0.977	0.978	0.98	0.979
0.99	0.989	0.988	0.988	0.989	0.99	0.99
0.98	0.988	0.979	0.987	0.979	0.989	0.981
0.981	0.986	0.98	0.985	0.981	0.987	0.982
0.994	1	0.993	1.001	0.994	1.001	0.993
0.971	0.968	0.971	0.965	0.967	0.97	0.969
0.99	0.991	0.993	0.991	0.992	0.991	0.991
0.973	0.971	0.975	0.969	0.972	0.971	0.972
0.968	0.968	0.968	0.965	0.966	0.969	0.968
0.954	0.964	0.953	0.964	0.953	0.966	0.955
0.954	0.964	0.953	0.964	0.953	0.966	0.955
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.98	0.981	0.981	0.98	0.981	0.982	0.982
0.962	0.978	0.962	0.979	0.962	0.978	0.963
0.995	0.992	0.995	0.99	0.994	0.991	0.994
0.968	0.969	0.969	0.967	0.967	0.97	0.969
0.964	0.979	0.965	0.98	0.965	0.979	0.965