

BAB V

PENUTUP

5.1 Kesimpulan

Penelitian ini menguji secara empiris pengaruh manajemen laba riil terhadap arus kas operasi satu tahun ke depan dengan kualitas audit sebagai variabel pemoderasi. Berdasarkan pembahasan dan pengujian diatas maka beberapa hal yang dapat disimpulkan dari hasil penelitian ini adalah:

1. Hasil dari pengujian Ha1 diterima dimana hal ini menunjukkan bahwa manajemen laba riil yang diproksikan dengan arus kas operasi abnormal memiliki pengaruh terhadap arus kas operasi satu tahun ke depan.
2. Hasil dari pengujian Ha2 diterima hal ini menunjukkan bahwa pengaruh yang muncul antara manajemen laba riil dengan arus kas operasi satu tahun ke depan dipengaruhi oleh kualitas audit yang diproksikan dengan besarnya KAP.

5.2 Keterbatasan dan Saran Penelitian

Keterbatasan dalam penelitian ini terletak pada jumlah perusahaan manufaktur yang memiliki data tersaji dalam satuan rupiah dan terdaftar di Bursa Efek Indonesia periode 2010-2012. Dari data yang ada, sebanyak 138 perusahaan dihilangkan dari sampel dikarenakan tidak tersaji dalam satuan rupiah. Oleh karena itu, jumlah data yang ada berkurang banyak sehingga mengurangi jumlah sampel. Berkaitan dengan hasil yang didokumentasikan dalam penelitian ini, terdapat

peluang penelitian lanjutan. Penelitian yang akan datang dapat menambah sampel penelitian dengan cara memperpanjang periode pengamatan sampel untuk memperkuat hasil penelitian serta mengubah variabel pemoderasi dengan variabel lain yang lebih berpotensi kuat mempengaruhi pengaruh Real Earning Management terhadap arus kas operasi satu tahun ke depan.



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Daftar Perusahaan Manufaktur Terdaftar di Bursa Efek Indonesia

Kode Perusahaan	Nama Perusahaan	Kode Perusahaan	Nama Perusahaan
ADES ADMG	Akasha Wira International Tbk Polychem Indonesia Tbk	IGAR IKAI	Champion Pasific Indonesia Tbk Inti Keramik Alam Asri Industri Tbk
AISA	Tiga Pilar Sejahtera Food Tbk	IKBI	Sumi Indo Kabel Tbk
AKKU	Alam Karya Unggul Tbk	IMAS	Indomobil Sukses International Tbk
AKPI	Argha Karya Prima Industry Tbk	INAF	Indofarma Tbk
ALDO	Alkindo Naratama Tbk	INDR	Indo Rama Synthetic Tbk
ALKA	Alaska Industrindo Tbk	INAI	Indal Aluminium Industry Tbk
ALMI	Alumindo Light Metal Industry Tbk	INCI	Intan Wijaya International Tbk
AMFG	Asahimas Flat Glass Tbk	INDF	Indofood Sukses Makmur Tbk
APLI	Asiaplast Industries Tbk	INDS	Indospring Tbk
ARGO	Argo Pantes Tbk	INKP	Indah Kiat Pulp & paper Tbk
ARNA	Arwana Citra Mulia Tbk	INRU	Toba Pulp Lestari Tbk
ASII	Astra International Tbk	INTP	Indocement Tunggul Prakasa Tbk
AUTO	Astra Auto Part Tbk	IPOL	Indopoly Swakarsa Industry Tbk
BRAM	Indo Kordsa Tbk	ITMA	Itamaraya Tbk
BRPT	Barito Pasific Tbk	JECC	Jembo Cable Company Tbk
BRNA	Berlina Tbk	JKSW	Jakarta Kyoei Steel Work LTD Tbk
BIMA	Primarindo Asia Infrastructure Tbk	JPFA	Japfa Comfeed Indonesia Tbk
BTON	Beton Jaya Manunggal Tbk	JPRS	Jaya Pari Steel Tbk
BUDI	Budi Acid Jaya Tbk	KAEF	Kimia Farma Tbk
CEKA	Cahaya Kalbar Tbk	KARW	Karwell Indonesia Tbk
CNTX	Centex Tbk	KBLI	KMI Wire and Cable Tbk
CPIN	Charoen Pokphand Indonesia Tbk	KBLM	Kabelindo Murni Tbk
CTBN	Citra Turbindo Tbk	KBRI	Kertas Basuki Rachmat Indonesia Tbk
DAVO	Davomas Abadi Tbk	KDSI	Kedawung Setia Industrial Tbk
DLTA	Delta Jakarta Tbk	KIAS	Keramika Indonesia Asosiasi Tbk
DPNS	Duta Pertiwi Nusantara	KICI	Kedaung Indag Can Tbk
DVLA	Darya Varia Laboratoria Tbk	KLBF	Kalbe Farma Tbk
EKAD	Ekadharma International Tbk	KRAS	Krakatau Steel Tbk
ERTX	Eratex Djaya Tbk	LION	Lion Metal Works Tbk
ESTI	Ever Shine Textile Industry Tbk	LMPI	Langgeng Makmur Industry Tbk
ETWA	Eterindo Wahanatama Tbk	LMSH	Lionmesh Prima Tbk
FASW	Fajar Surya Wisesa Tbk	LPIN	Multi Prima Sejahtera Tbk
FPNI	Titan Kimia Nusantara Tbk	MAIN	Malindo Feedmill Tbk
GDST	Gunawan Dianjaya Steel Tbk	MASA	Multistrada Arah Sarana Tbk
GDYR	Goodyear Indonesia Tbk	MBTO	Martina Berto Tbk
GGRM	Gudang Garam Tbk	MERK	Merck Tbk
GJTL	Gajah Tunggal Tbk	MLBI	Multi Bintang Indonesia Tbk
HDTX	Pan Asia Indosyntec Tbk	MRAT	Mustika Ratu Tbk
HMSP	Hanjaya Mandala Sampoerna Tbk	MYOR	Mayora Indah Tbk
ICBP	Indofood CBP Sukses Makmur Tbk	MYRX	Hanson International Tbk

Kode Perusahaan	Nama Perusahaan
ICBP	Indofood CBP Sukses Makmur Tbk
MYTX NIKL	Apac Citra Centertex Tbk Pelat Timah Nusantara Tbk
PBRX	Pan Brothers Tbk
PICO	Pelangi Indah Canindo Tbk
POLY	Asia Pasific Fibers Tbk
PSDN	Prashida Aneka Niaga Tbk
PTSN	Sat Nusa Persada Tbk
PYFA	Pyridam Farma Tbk
RICY	Ricky Putra Globalindo Tbk
RMBA	Bentoel International Investama Tbk
ROTI	Nippon Indosari Corporindo Tbk
SCPI	Schering Plough Indonesia Tbk
SIAP	Sekawan Intipratama Tbk
SIPD	Siearad Produce Tbk
SIMA	Siwani Makmur Tbk
SKLT	Sekar Laut Tbk
SMCB	Holcim Indonesia Tbk
SMGR	Semen Gresik Tbk
SOBI	Sorini Agro Asia Corporindo Tbk
SPMA	Suparma Tbk
SQBI	Taisho Pharmaceutical Indonesia Tbk
SRSN	Indo Acitama Tbk
SSTM	Sunson Textile Manufacturer Tbk
STTP	Siantar Top Tbk
SULI	Sumalindo Lestari Jaya Tbk
TBMS	Tembaga Mulia Semanan Tbk
TCID	Mandom Indonesia Tbk
TIRT	Tirta Mahakam Resources Tbk
TKIM	Pabrik Kertas Tjiwi Kimia Tbk
TOTO	Surya Toto Indonesia Tbk
TPIA	Chandra Asri Petrochemical
TRST	Trias Sentosa Tbk
TSPC	Tempo Scan Pasific Tbk
ULTJ	Ultrajaya Milk and Trading Tbk
UNIC	Unggul Indah Cahaya Tbk
UNIT	Nusantara Inti Corpora Tbk
UNITEX	Unitex Tbk
UNVR	Unilever Indonesia Tbk
VOKS	Voksel Electric Tbk
YPAS	Yana Prima Hasta Persada Tbk

Tabulasi Laporan Keuangan Perusahaan Manufaktur Tahun 2010

Nama Perusahaan	Tahun 2010					
	$1/A_{t-1}$	ST / A_{t-1}	$\Delta ST/A_{t-1}$	CFO / A_{t-1}	CFO_{t+1}	KA
ADES	5.61E-06	1.226943	0.472889218	-0.16685	0.176361	0
AKKU	3.08E-11	0.090747	0.011905767	-0.04598	-0.06848	0
ALKA	7.42E-09	6.27438	0.627098821	0.010296	0.175397	0
ALMI	6.75E-13	2.037695	0.853711496	-0.04991	0.141249	0
AMFG	5.07E-07	1.230045	0.260176831	0.244319	0.141355	1
APLI	3.31E-12	0.93835	-0.002643556	0.10209	0.059542	0
ARGO	6.84E-10	0.454642	-0.062078447	-0.00573	0.034424	0
ARNA	1.22E-12	1.009113	0.141149148	0.140383	0.164751	1
ASII	1.12E-05	1.461591	0.353785783	0.032686	0.082671	1
AUTO	2.15E-07	1.34665	0.212986866	0.080679	0.046291	1
BATA	2.4E-09	1.546008	0.10973133	0.255194	0.145841	1
BRNA	1.97E-12	1.120463	0.061483061	0.11904	0.000176	0
BTON	1.43E-11	1.833067	-0.074403075	0.306692	0.373677	0
BUDI	6.25E-07	1.328715	0.214062961	0.098389	0.037639	0
CEKA	1.76E-12	1.263104	-0.837735274	-0.36352	0.148428	1
CPIN	1.87E-07	2.818614	0.095068115	0.449603	0.165082	1
CTBN	5.04E-09	1.079684	-0.116229226	0.093854	0.121803	1
DLTA	1.32E-09	1.585273	-0.07807315	0.041743	0.250256	1
DVLA	1.28E-09	1.185785	0.042145488	0.166682	0.084905	1
EKAD	6.06E-12	1.539923	0.297098877	0.084551	0.07076	0
ERTX	1.02E-08	2.384127	-0.143134602	-0.62448	-0.47565	0
ESTI	1.93E-12	1.185429	0.145049217	0.041621	0.045014	1
FASW	2.72E-13	0.922298	0.177780322	0.317314	0.425179	1
GDST	1.03E-12	1.761684	0.070643813	-0.03605	0.019157	0
GDYR	8.63E-09	1.669314	0.580505008	0.168543	0.127616	1
GGRM	3.67E-08	1.384159	0.173292316	0.10549	0.002938	1
GJTL	1.13E-07	1.110031	0.216000953	0.113886	0.029341	1
HDTX	9.18E-13	0.607492	-0.252771221	0.022678	0.007903	0
HMSP	5.64E-08	2.448666	0.24889144	0.398498	0.540229	1
ICBP	9.78E-08	1.756681	1.364658453	0.219868	0.162741	1
IGAR	3.15E-12	1.687071	0.110252529	0.267224	0.07724	0
INAI	2.13E-12	0.980879	-0.019617147	-0.19137	0.051069	0
INDF	2.48E-08	0.950979	0.024912517	0.171111	0.105106	1
INRU	3.37E-06	0.330965	0.065493808	0.09209	0.112534	0
INTP	7.53E-14	0.83891	0.042281344	0.254291	2.53E-07	1
JECC	1.7E-09	1.414284	0.115337434	0.013221	0.018772	0
JKSW	3.69E-12	0.668566	-0.090398615	-0.06218	0.016477	0
JPFA	1.65E-07	2.29909	-0.063340416	0.180912	-0.01077	0
JPRS	2.83E-12	1.208621	0.352941836	0.137946	-0.08946	0
KAEF	6.39E-13	2.033316	0.210604821	0.088847	0.049208	0
KBLI	2.04E-12	2.502625	0.826983707	0.157432	0.132997	1

Nama Perusahaan	Tahun 2010					
	$1/A_{t-1}$	ST / A_{t-1}	$\Delta ST/A_{t-1}$	CFO / A_{t-1}	CFO_{t+1}	KA
KBLM	2.82E-12	1.529446	0.680102734	0.015939	0.117115	0
KDSI	1.82E-12	2.039345	0.296383366	-0.04081	0.081789	0
KIAS	7.57E-13	0.440961	0.168382726	0.027911	0.031024	0
KICI	1.19E-11	0.958622	-0.026356305	0.086542	-0.03939	0
KLBF	1.54E-13	1.577613	0.175773376	0.193431	0.209527	1
LION	3.69E-12	0.765875	0.038047354	0.11986	0.132304	0
LMPI	1.85E-12	0.742986	0.037840968	0.036607	-0.00579	0
LMSH	1.37E-11	2.21076	0.497054824	0.132467	0.065218	0
LPIN	7.25E-12	0.431582	0.010376977	0.133241	0.028738	0
MAIN	1.13E-09	2.300248	0.189646539	0.1682	0.068527	0
MBTO	3.61E-12	2.044937	0.18011051	0.058424	0.061897	0
MERK	2.3E-09	1.833508	0.102047842	0.367728	0.459165	1
MLBI	1.01E-06	1.80194	0.175043912	0.322161	0.590771	1
MRAT	2.73E-12	1.010202	0.065065365	0.012619	0.002959	0
MYOR	3.08E-13	2.225217	0.753731934	0.073388	-0.13819	0
MYTX	5.55E-13	0.955952	0.130886123	0.029668	-0.00236	0
NIPS	3.18E-12	1.274794	0.384655205	0.079831	-0.13301	0
PBRX	1.22E-12	1.742497	-0.201951196	0.003655	0.046648	0
PICO	1.84E-12	1.080451	-0.038427365	-0.04926	-0.02423	0
PYFA	1E-11	1.409467	0.088634504	0.095441	0.016782	0
RICY	1.67E-12	0.967656	0.120669412	0.055024	0.025742	0
RMBA	2.04E-07	1.819325	0.336962967	0.115205	0.029213	1
ROTI	2.88E-12	1.764357	0.363921169	0.327306	0.259671	1
SCPI	4.85E-09	1.262093	-0.119192196	0.005167	-0.2301	1
SIAP	6.78E-12	1.16057	0.07437238	0.051758	-0.02597	0
SIPD	6.09E-13	2.219284	0.243679535	0.015136	0.010928	0
SKLT	5.1E-12	1.601264	0.192845929	0.041233	0.08882	0
SMCB	1.38E-07	0.820411	0.002299678	0.146135	0.199884	1
SMGR	7.72E-11	1.107547	-0.003371172	0.259384	0.283734	1
SMSM	1.06E-12	1.658562	0.198731054	0.160677	0.215318	0
SQBI	3.14E-09	0.9571	-0.358831163	0.442117	0.369108	1
SSTM	1.14E-12	0.50913	0.02214512	0.019067	0.049217	0
TCID	1.01E-12	1.474873	0.078637118	0.158061	0.069842	1
TIRT	1.59E-12	0.982755	-0.007454744	0.051903	-0.09987	0
TOTO	9.89E-13	1.109415	0.139651115	0.154376	0.213678	1
TRST	5.2E-13	0.908335	0.090546711	0.070338	0.108283	1
TSPC	3.06E-13	1.573423	0.195001843	0.177159	0.163751	0
ULTJ	5.77E-13	1.085248	0.153796489	0.152295	0.160951	0
UNIC	4.19E-09	1.505654	0.325112773	-0.027	0.021755	1
UNIT	3.22E-12	0.365293	-0.036679318	0.049025	0.091506	0
VOKS	8.08E-13	1.057847	-0.338899237	0.092832	0.122518	0
YPAS	5.23E-12	1.822571	0.363530421	0.117383	0.079924	0

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Nama Perusahaan	Tahun 2011					
	1/ A _{t-1}	ST / A _{t-1}	Δ ST/A _{t-1}	CFO /A _{t-1}	CFO _{t+1}	KA
ADES	3.08E-06	0.922698	0.24857547	0.176361277	0.276142	0
AKKU	3.52E-11	0.090489	-0.013419846	-0.068477943	-0.06515	0
ALKA	6.28E-09	5.483955	0.175594413	0.175396733	-0.0184	0
ALMI	6.65E-13	2.399932	0.392776786	0.141248891	-0.01615	0
AMFG	4.21E-07	1.094246	0.071705687	0.141355029	0.152804	1
APLI	2.99E-12	0.920834	0.073726044	0.05954211	-0.04293	0
ARGO	7E-10	0.593956	0.128866105	0.034424433	0.019431	0
ARNA	1.15E-12	1.056726	0.105938834	0.164750529	0.285861	1
ASII	8.86E-06	1.440442	0.288621884	0.082670991	0.058181	1
AUTO	1.79E-07	1.31827	0.198456744	0.046291237	0.077221	1
BATA	2.07E-09	1.401317	0.071042155	0.145840649	0.089757	1
BRNA	1.82E-09	1.233121	0.201498639	0.175656777	0.15699	0
BTON	1.11E-11	1.710524	0.286422609	0.373677241	0.220169	0
BUDI	5.08E-07	1.272587	0.19292368	0.037639133	0.000775	0
CEKA	1.18E-12	1.455865	0.611384528	0.148428238	0.201529	1
CPIN	1.53E-07	2.755019	0.441857632	0.165082301	0.190929	1
CTBN	3.65E-09	0.745539	-0.036766888	0.121802825	0.007981	1
DLTA	1.41E-09	1.96752	0.266264481	0.250256331	0.35687	1
DVLA	1.17E-09	1.138375	0.050462789	0.084904773	0.128416	1
EKAD	4.89E-12	1.606392	0.362809487	0.070759768	0.120302	0
ERTX	8.67E-09	2.248993	0.22770523	-0.475646763	-0.01392	0
ESTI	1.71E-12	1.223683	0.169133886	0.045014037	2.72E-06	1
FASW	2.22E-13	0.917399	0.16412702	0.425178595	0.085534	1
GDST	9.31E-13	1.948264	0.356806114	0.019157407	0.378753	0
GDYR	7.83E-09	1.623606	0.109166345	0.127616409	0.106977	1
GGRM	3.25E-08	1.362461	0.136373651	0.002937608	0.101144	1
GJTL	9.64E-08	1.141717	0.191628902	0.029340986	0.147751	1
HDTX	9.86E-13	1.002542	0.349884534	0.007903014	0.047938	0
HMSP	4.87E-08	2.57522	0.461631826	0.540229162	0.210953	1
ICBP	7.48E-08	1.449495	0.105306642	0.162740518	0.199806	1
IGAR	2.88E-12	1.475724	-0.067319572	0.077240117	0.090533	0
INAI	2.57E-12	1.428988	0.242836986	0.051068981	-0.18264	0
INDF	2.12E-08	0.958886	0.146562793	0.105106095	0.138229	1
INRU	3.43E-06	0.313139	-0.024013681	0.112534297	0.099515	0
INTP	6.52E-08	0.904976	0.179203756	0.253074029	0.312639	1
JECC	1.78E-09	2.255198	0.777039307	0.018771551	-0.00128	0
JKSW	3.45E-12	0.490045	-0.134667218	0.016477406	0.002552	0
JPFA	1.43E-07	2.239771	0.240305615	-0.010765983	0.036186	0
JPRS	2.43E-12	1.559455	0.519309591	-0.089464992	-0.02346	0
KAEF	6.03E-13	2.100515	0.179411454	0.049208444	0.128529	0
KBLI	1.68E-12	3.097969	1.032433171	0.1329965	0.008772	1

Nama Perusahaan	Tahun 2011					
	1/ A _{t-1}	ST / A _{t-1}	Δ ST/A _{t-1}	CFO /A _{t-1}	CFO _{t+1}	KA
KBLM	2.48E-12	2.144752	0.798954976	0.117115292	-0.12367	0
KDSI	1.79E-12	2.116646	0.103018529	0.081788846	0.085888	0
KIAS	7.9E-13	0.513811	0.053905775	0.031024068	0.063978	0
KICI	1.16E-11	1.018328	0.078282045	-0.039389698	0.002839	0
KLBF	1.42E-13	1.551634	0.097415039	0.209526615	0.166335	1
LION	3.29E-12	0.883232	0.199347376	0.132304339	0.182076	0
LMPI	1.64E-12	0.824717	0.165198678	-0.005793205	-0.02105	0
LMSH	1.28E-11	2.65374	0.594768275	0.065218453	0.108027	0
LPIN	6.63E-12	0.417115	0.022782353	0.028738323	0.042094	0
MAIN	1.03E-09	2.726286	0.618783152	0.068526765	0.220701	0
MBTO	3E-12	1.946313	0.246716993	0.061897244	-0.02571	0
MERK	2.3E-09	2.112693	0.282549596	0.459164613	0.151277	1
MLBI	8.79E-07	1.634667	0.06031755	0.590770938	0.442214	1
MRAT	2.59E-12	1.051671	0.095637314	0.002958609	0.030081	0
MYOR	2.27E-13	2.149001	0.506843402	-0.138193483	0.125797	0
MYTX	5.31E-13	1.039354	0.123781447	-0.002360702	-0.02128	0
NIPS	2.96E-12	1.715683	0.528219467	-0.133006383	0.022689	0
PBRX	1.13E-12	2.446462	0.83695472	0.04664843	0.023097	0
PICO	1.75E-12	1.089195	0.061217209	-0.024231261	-0.04536	0
PYFA	9.94E-12	1.502127	0.101762839	0.01678209	-0.0038	0
RICY	1.63E-12	1.005008	0.058814486	0.025741532	0.067472	0
RMBA	2.04E-07	2.054049	0.237752971	0.029212681	-0.05433	1
ROTI	1.76E-12	1.431272	0.353971475	0.25967068	0.249075	1
SCPI	4.28E-09	1.169216	0.055594303	-0.230098164	0.055759	1
SIAP	6.63E-12	1.378626	0.244802125	-0.025969186	0.124424	0
SIPD	4.86E-13	1.959939	0.188073181	0.01092776	-0.05403	0
SKLT	5.02E-12	1.727573	0.151924522	0.088820386	0.071233	0
SMCB	9.58E-08	0.720876	0.149788033	0.199883705	0.154524	1
SMGR	6.43E-11	1.052419	0.130733483	0.283734089	0.284405	1
SMSM	9.37E-13	1.694204	0.230627939	0.215317822	0.310602	0
SQBI	3.12E-09	1.068093	0.114252329	0.369108293	0.382262	1
SSTM	1.15E-12	0.462121	-0.049794181	0.049216663	0.064039	0
TCID	9.55E-13	1.571439	0.170670193	0.069841607	0.221471	1
TIRT	1.73E-12	0.997168	-0.071888163	-0.099874627	0.018143	0
TOTO	9.16E-13	1.22934	0.20193419	0.213677747	0.140446	1
TRST	4.93E-13	0.998181	0.138136493	0.108282794	0.035876	1
TSPC	2.79E-13	1.610394	0.180082113	0.163750912	0.149405	0
ULTJ	4.98E-13	1.047737	0.110621318	0.160950755	0.225591	0
UNIC	3.94E-09	1.820113	0.403179919	0.021754808	0.074002	1
UNIT	3.23E-12	0.333212	-0.032689777	0.091505573	0.035637	0
VOKS	8.88E-13	1.788409	0.62587654	0.122518133	0.066612	0
YPAS	4.98E-12	1.857287	0.122916848	0.079923909	0.125955	0

Tabulasi Laporan Keuangan Perusahaan Manufaktur Tahun 2012

Nama Perusahaan	Tahun 2012					
	$1/A_{t-1}$	ST/A_{t-1}	$\Delta ST/A_{t-1}$	CFO/A_{t-1}	CFO_{t+1}	KA
ADES	3.16E-06	1.508119	0.560766	0.276142	0.103065	0
AKKU	8.5E-11	0.136192	-0.08204	-0.06515	0.272747	0
ALKA	3.87E-09	3.237678	-0.1398	-0.0184	-0.00343	0
ALMI	5.58E-13	1.798266	-0.21671	-0.01615	0.379337	0
AMFG	3.72E-07	1.061962	0.097019	0.152804	0.177142	1
APLI	3E-12	1.030974	0.105725	-0.04293	0.186947	0
ARGO	6.88E-10	0.689293	0.105409	0.019431	-0.12404	0
ARNA	1.2E-12	1.339331	0.229678	0.285861	0.297514	1
ASII	6.51E-06	1.224933	0.166029	0.058181	0.116583	1
AUTO	1.44E-07	1.188572	0.131217	0.077221	0.01808	1
BATA	1.94E-09	1.454467	0.14102	0.089757	0.077827	1
BRNA	1.55E-09	1.299741	0.244814	0.15699	0.133812	0
BTON	8.42E-12	1.30569	0.011452	0.220169	0.076347	0
BUDI	4.71E-07	1.081046	-0.09825	0.000775	0.096642	0
CEKA	1.21E-12	1.364553	-0.13925	0.201529	0.01908	1
CPIN	1.13E-07	2.408503	0.378942	0.190929	0.166923	1
CTBN	4.06E-09	0.815756	-0.01291	0.007981	0.196343	1
DLTA	1.44E-09	2.470406	0.467793	0.35687	0.467877	1
DVLA	1.08E-09	1.171378	0.123972	0.128416	0.099499	1
EKAD	4.21E-12	1.620579	0.238128	0.120302	0.084749	0
ERTX	5.82E-09	2.720291	1.211182	-0.01392	0.03754	0
ESTI	1.57E-10	0.011843	0.000637	0.000272	0.000271	1
FASW	2.03E-13	0.807882	-0.02754	0.085534	0.03763	1
GDST	1.02E-12	1.685933	-0.45589	0.378753	0.165747	0
GDYR	7.65E-09	1.555037	-0.02988	0.106977	0.152219	1
GGRM	2.56E-08	25639.94	0.182773	0.101144	0.059576	1
GJTL	8.65E-08	1.088665	0.063804	0.147751	0.100944	1
HDTX	9.87E-13	0.84963	-0.15363	0.047938	0.288829	0
HMSP	5.16E-08	3.438529	0.71063	0.210953	0.41155	1
ICBP	6.57E-08	1.417263	0.145021	0.199806	0.112288	1
IGAR	2.81E-12	1.564896	0.122818	0.090533	0.101081	0
INAI	1.84E-12	1.0705	0.04918	-0.18264	0.127004	0
INDF	1.87E-08	0.93419	0.088217	0.138229	0.116795	1
INRU	3.12E-06	0.337423	0.052907	0.099515	0.124648	0
INTP	5.51E-08	0.952566	0.187449	0.312639	0.238156	1
JECC	1.59E-09	1.969303	-0.05198	-0.00128	-0.16797	0
JKSW	3.48E-12	0.300203	-0.19472	0.002552	0.000323	0
JPFA	1.21E-07	2.157247	0.266093	0.036186	0.01604	0
JPRS	2.28E-12	1.053161	-0.41167	-0.02346	0.197243	0
KAEF	5.57E-13	2.081236	0.141048	0.128529	0.122226	0
KBLI	9.23E-13	2.097967	0.398014	0.008772	0.023348	1

Nama Perusahaan	Tahun 2012					
	1/ A _{t-1}	ST / A _{t-1}	Δ ST/A _{t-1}	CFO / A _{t-1}	CFO _{t+1}	KA
KBLM	1.56E-12	1.586732	0.241766	-0.12367	-0.14739	0
KDSI	1.7E-12	2.214782	0.205639	0.085888	0.149577	0
KIAS	4.88E-13	0.38067	0.063273	0.063978	0.094307	0
KICI	1.14E-11	1.084285	0.083161	0.002839	0.025406	0
KLBF	1.21E-13	1.647993	0.329268	0.166335	0.098446	1
LION	2.73E-12	0.912815	0.179073	0.182076	0.121239	0
LMPI	1.46E-12	0.872232	0.140069	-0.02105	-0.03523	0
LMSH	1.02E-11	2.275873	0.158709	0.108027	0.107468	0
LPIN	6.35E-12	0.43678	0.036719	0.042094	-0.04601	0
MAIN	7.53E-10	2.522642	0.538564	0.220701	0.060745	0
MBTO	1.85E-12	1.32513	0.128146	-0.02571	-0.0047	0
MERK	1.71E-09	1.591196	0.019412	0.151277	0.326047	1
MLBI	8.19E-07	1.283558	-0.23899	0.442214	1.025173	1
MRAT	2.37E-12	1.084509	0.122799	0.030081	0.018051	0
MYOR	1.52E-13	1.592556	0.160119	0.125797	0.118883	0
MYTX	5.41E-13	0.821826	-0.23695	-0.02128	0.0156	0
NIPS	2.24E-12	1.573175	0.276467	0.022689	-0.00014	0
PBRX	6.6E-13	1.781344	0.348571	0.023097	1.1E-05	0
PICO	1.78E-12	1.055935	-0.04978	-0.04536	-0.01004	0
PYFA	8.47E-12	1.497294	0.217197	-0.0038	0.043112	0
RICY	1.56E-12	1.16801	0.208035	0.067472	-0.18294	0
RMBA	1.58E-07	1.555112	-0.03476	-0.05433	-0.16138	1
ROTI	1.32E-12	1.568658	0.497254	0.249075	0.261081	1
SCPI	3.2E-09	0.968997	0.094453	0.055759	-0.08368	1
SIAP	6.13E-12	1.327738	0.05317	0.124424	-0.20099	0
SIPD	3.79E-13	1.648419	0.12316	-0.05403	0.02698	0
SKLT	4.67E-12	1.875132	0.267406	0.071233	0.107683	0
SMCB	9.13E-08	0.822892	0.135803	0.154524	0.18591	1
SMGR	5.09E-11	0.996778	0.163743	0.284405	0.261132	1
SMSM	8.8E-13	1.903353	0.313101	0.310602	0.311945	0
SQBI	2.76E-09	1.071261	0.126385	0.382262	0.265321	1
SSTM	1.19E-12	0.657385	0.17937	0.064039	0.103049	0
TCID	8.84E-13	1.636935	0.181703	0.221471	0.201005	1
TIRT	1.45E-12	0.943399	0.110398	0.018143	-0.03026	0
TOTO	7.47E-13	1.177067	0.175307	0.140446	0.21057	1
TRST	4.69E-13	0.914044	-0.03597	0.035876	0.06191	1
TSPC	2.35E-13	1.560053	0.200017	0.149405	0.096842	0
ULTJ	4.59E-13	1.289406	0.324648	0.225591	0.080961	0
UNIC	3.56E-09	1.639922	-0.00486	0.074002	0.007915	1
UNIT	3.28E-12	0.29024	-0.04843	0.035637	0.005399	0
VOKS	6.36E-13	1.579218	0.298508	0.066612	0.181809	0
YPAS	4.47E-12	1.851474	0.182427	0.125955	-0.04023	0

Uji Normalitas

One-Sample Kolmogorov-Smirnov Test

		Unstandardized Residual
N		249
Normal Parameters ^{a,b}	Mean	.0000000
	Std. Deviation	.11823571
Most Extreme Differences	Absolute	.062
	Positive	.062
	Negative	-.058
Kolmogorov-Smirnov Z		.978
Asymp. Sig. (2-tailed)		.294

a. Test distribution is Normal.

b. Calculated from data.



Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	REM*KA, Kualitas audit, Real earning management	.	Enter

- a. All requested variables entered.
b. Dependent Variable: Arus kas operasi satu tahun ke depan

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.374 ^a	.140	.129	.11896

- a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.564	3	.188	13.274	.000 ^a
	Residual	3.467	245	.014		
	Total	4.030	248			

- a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management
b. Dependent Variable: Arus kas operasi satu tahun ke depan

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.049	.010		5.010	.000
	Real earning management	-.204	.073	-.215	-2.813	.005
	Kualitas audit	.090	.016	.344	5.624	.000
	REM*KA	.201	.100	.153	1.997	.047

- a. Dependent Variable: Arus kas operasi satu tahun ke depan

Uji Autokorelasi

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	REM*KA, Kualitas audit, Real earning management	.	Enter

- a. All requested variables entered.
b. Dependent Variable: Arus kas operasi satu tahun ke depan

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.374 ^a	.140	.129	.11896	2.063

- a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management
b. Dependent Variable: Arus kas operasi satu tahun ke depan

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.564	3	.188	13.274	.000 ^a
	Residual	3.467	245	.014		
	Total	4.030	248			

- a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management
b. Dependent Variable: Arus kas operasi satu tahun ke depan

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.049	.010		5.010	.000
	Real earning management	-.204	.073	-.215	-2.813	.005
	Kualitas audit	.090	.016	.344	5.624	.000
	REM*KA	.201	.100	.153	1.997	.047

- a. Dependent Variable: Arus kas operasi satu tahun ke depan

Uji Heteroskedastisitas

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	REM*KA, Kualitas audit, Real earning management	.	Enter

a. All requested variables entered.

b. Dependent Variable: abs

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.097 ^a	.009	-.003	.07748

a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.014	3	.005	.774	.510 ^a
	Residual	1.471	245	.006		
	Total	1.485	248			

a. Predictors: (Constant), REM*KA, Kualitas audit, Real earning management

b. Dependent Variable: abs

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.087	.006		13.670	.000
	Real earning management	.031	.047	.053	.650	.516
	Kualitas audit	.004	.010	.023	.351	.726
	REM*KA	.036	.065	.045	.547	.585

a. Dependent Variable: abs

Uji Multikolinearitas

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	REM*KA, Kualitas audit, Real earning management	.	Enter

- a. All requested variables entered.
b. Dependent Variable: Arus kas operasi satu tahun ke depan

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	Real earning management	.603	1.658
	Kualitas audit	.940	1.063
	REM*KA	.597	1.674

- a. Dependent Variable: Arus kas operasi satu tahun ke depan

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Arus kas operasi satu tahun ke depan	249	-.48	.54	.0882	.12748
Real earning management	249	-.69	.43	-.0044	.13389
Kualitas audit	249	.00	1.00	.3855	.48770
Valid N (listwise)	249				



Nilai Durbin-Watson test untuk alpha (α)= 5%

n	k'=1		k'=2		k'=3		k'=4		k'=5		k'=6		k'=7		k'=8		k'=9		k'=10	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
6	0.610	1.400	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
7	0.700	1.356	0.467	1.896	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
8	0.763	1.332	0.559	1.777	0.367	2.287	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
9	0.824	1.320	0.629	1.699	0.455	2.128	0.296	2.588	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
10	0.879	1.320	0.697	1.641	0.525	2.016	0.376	2.414	0.243	2.822	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
11	0.927	1.324	0.758	1.604	0.595	1.928	0.444	2.283	0.315	2.645	0.203	3.004	-----	-----	-----	-----	-----	-----	-----	-----
12	0.971	1.331	0.812	1.579	0.658	1.864	0.512	2.177	0.380	2.506	0.268	2.832	0.171	3.149	-----	-----	-----	-----	-----	-----
13	1.010	1.340	0.861	1.562	0.715	1.816	0.574	2.094	0.444	2.390	0.328	2.692	0.230	2.985	0.147	3.266	-----	-----	-----	-----
14	1.045	1.350	0.905	1.551	0.767	1.779	0.632	2.030	0.505	2.296	0.389	2.572	0.286	2.848	0.200	3.111	0.127	3.360	-----	-----
15	1.077	1.361	0.946	1.543	0.814	1.750	0.685	1.977	0.562	2.220	0.447	2.471	0.343	2.727	0.251	2.979	0.175	3.216	0.111	3.438
16	1.106	1.371	0.982	1.539	0.857	1.728	0.734	1.935	0.615	2.157	0.502	2.388	0.398	2.624	0.304	2.860	0.222	3.090	0.155	3.304
17	1.133	1.381	1.015	1.536	0.897	1.710	0.779	1.900	0.664	2.104	0.554	2.318	0.451	2.537	0.356	2.757	0.272	2.975	0.198	3.184
18	1.158	1.391	1.046	1.535	0.933	1.696	0.820	1.872	0.710	2.060	0.603	2.258	0.502	2.461	0.407	2.668	0.321	2.873	0.244	3.073
19	1.180	1.401	1.074	1.536	0.967	1.685	0.859	1.848	0.752	2.023	0.649	2.206	0.549	2.396	0.456	2.589	0.369	2.783	0.290	2.974
20	1.201	1.411	1.100	1.537	0.998	1.676	0.894	1.828	0.792	1.991	0.691	2.162	0.595	2.339	0.502	2.521	0.416	2.704	0.336	2.885
21	1.221	1.420	1.125	1.538	1.026	1.669	0.927	1.812	0.829	1.964	0.731	2.124	0.637	2.290	0.546	2.461	0.461	2.633	0.380	2.806
22	1.239	1.429	1.147	1.541	1.053	1.664	0.958	1.797	0.863	1.940	0.769	2.090	0.677	2.246	0.588	2.407	0.504	2.571	0.424	2.735
23	1.257	1.437	1.168	1.543	1.078	1.660	0.986	1.785	0.895	1.920	0.804	2.061	0.715	2.208	0.628	2.360	0.545	2.514	0.465	2.670
24	1.273	1.446	1.188	1.546	1.101	1.656	1.013	1.775	0.925	1.902	0.837	2.035	0.750	2.174	0.666	2.318	0.584	2.464	0.506	2.613
25	1.288	1.454	1.206	1.550	1.123	1.654	1.038	1.767	0.953	1.886	0.868	2.013	0.784	2.144	0.702	2.280	0.621	2.419	0.544	2.560
26	1.302	1.461	1.224	1.553	1.143	1.652	1.062	1.759	0.979	1.873	0.897	1.992	0.816	2.117	0.735	2.246	0.657	2.379	0.581	2.513
27	1.316	1.469	1.240	1.556	1.162	1.651	1.084	1.753	1.004	1.861	0.925	1.974	0.845	2.093	0.767	2.216	0.691	2.342	0.616	2.470
28	1.328	1.476	1.255	1.560	1.181	1.650	1.104	1.747	1.028	1.850	0.951	1.959	0.874	2.071	0.798	2.188	0.723	2.309	0.649	2.431
29	1.341	1.483	1.270	1.563	1.198	1.650	1.124	1.743	1.050	1.841	0.975	1.944	0.900	2.052	0.826	2.164	0.753	2.278	0.681	2.396
30	1.352	1.489	1.284	1.567	1.214	1.650	1.143	1.739	1.071	1.833	0.998	1.931	0.926	2.034	0.854	2.141	0.782	2.251	0.712	2.363
31	1.363	1.496	1.297	1.570	1.229	1.650	1.160	1.735	1.090	1.825	1.020	1.920	0.950	2.018	0.879	2.120	0.810	2.226	0.741	2.333
32	1.373	1.502	1.309	1.574	1.244	1.650	1.177	1.732	1.109	1.819	1.041	1.909	0.972	2.004	0.904	2.102	0.836	2.203	0.769	2.306
33	1.383	1.508	1.321	1.577	1.258	1.651	1.193	1.730	1.127	1.813	1.061	1.900	0.994	1.991	0.927	2.085	0.861	2.181	0.796	2.281
34	1.393	1.514	1.333	1.580	1.271	1.652	1.208	1.728	1.144	1.808	1.079	1.891	1.015	1.978	0.950	2.069	0.885	2.162	0.821	2.257
35	1.402	1.519	1.343	1.584	1.283	1.653	1.222	1.726	1.160	1.803	1.097	1.884	1.034	1.967	0.971	2.054	0.908	2.144	0.845	2.236
36	1.411	1.525	1.354	1.587	1.295	1.654	1.236	1.724	1.175	1.799	1.114	1.876	1.053	1.957	0.991	2.041	0.930	2.127	0.868	2.216
37	1.419	1.530	1.364	1.590	1.307	1.655	1.249	1.723	1.190	1.795	1.131	1.870	1.071	1.948	1.011	2.029	0.951	2.112	0.891	2.197
38	1.427	1.535	1.373	1.594	1.318	1.656	1.261	1.722	1.204	1.792	1.146	1.864	1.088	1.939	1.029	2.017	0.970	2.098	0.912	2.180
39	1.435	1.540	1.382	1.597	1.328	1.658	1.273	1.722	1.218	1.789	1.161	1.859	1.104	1.932	1.047	2.007	0.990	2.085	0.932	2.164
40	1.442	1.544	1.391	1.600	1.338	1.659	1.285	1.721	1.230	1.786	1.175	1.854	1.120	1.924	1.064	1.997	1.008	2.072	0.952	2.149
45	1.475	1.566	1.430	1.615	1.383	1.666	1.336	1.720	1.287	1.776	1.238	1.835	1.189	1.895	1.139	1.958	1.089	2.022	1.038	2.088
50	1.503	1.585	1.462	1.628	1.421	1.674	1.378	1.721	1.335	1.771	1.291	1.822	1.246	1.875	1.201	1.930	1.156	1.986	1.110	2.044
55	1.528	1.601	1.490	1.641	1.452	1.681	1.414	1.724	1.374	1.768	1.334	1.814	1.294	1.861	1.253	1.909	1.212	1.959	1.170	2.010
60	1.549	1.616	1.514	1.652	1.480	1.689	1.444	1.727	1.408	1.767	1.372	1.808	1.335	1.850	1.298	1.894	1.260	1.939	1.222	1.984
65	1.567	1.629	1.536	1.662	1.503	1.696	1.471	1.731	1.438	1.767	1.404	1.805	1.370	1.843	1.336	1.882	1.301	1.923	1.266	1.964
70	1.583	1.641	1.554	1.672	1.525	1.703	1.494	1.735	1.464	1.768	1.433	1.802	1.401	1.838	1.369	1.874	1.337	1.910	1.305	1.948
75	1.598	1.652	1.571	1.680	1.543	1.709	1.515	1.739	1.487	1.770	1.458	1.801	1.428	1.834	1.399	1.867	1.369	1.901	1.339	1.935
80	1.611	1.662	1.586	1.688	1.560	1.715	1.534	1.743	1.507	1.772	1.480	1.801	1.453	1.831	1.425	1.861	1.397	1.893	1.369	1.925
85	1.624	1.671	1.600	1.696	1.575	1.721	1.550	1.747	1.525	1.774	1.500	1.801	1.474	1.829	1.448	1.857	1.422	1.886	1.396	1.916
90	1.635	1.679	1.612	1.703	1.589	1.726	1.566	1.751	1.542	1.776	1.518	1.801	1.494	1.827	1.469	1.854	1.445	1.881	1.420	1.909
95	1.645	1.687	1.623	1.709	1.602	1.732	1.579	1.755	1.557	1.778	1.535	1.802	1.512	1.827	1.489	1.852	1.465	1.877	1.442	1.903
100	1.654	1.694	1.634	1.715	1.613	1.736	1.592	1.758	1.571	1.780	1.550	1.803	1.528	1.826	1.506	1.850	1.484	1.874	1.462	1.898
150	1.720	1.747	1.706	1.760	1.693	1.774	1.679	1.788	1.665	1.802	1.651	1.817	1.637	1.832	1.622	1.846	1.608	1.862	1.593	1.877
200	1.758	1.779	1.748	1.789	1.738	1.799	1.728	1.809	1.718	1.820	1.707	1.831	1.697	1.841	1.686	1.852	1.675	1.863	1.665	1.874
250	1.815	1.825	1.810	1.829	1.806	1.833	1.802	1.836	1.798	1.841	1.793	1.845	1.790	1.848	1.785	1.851	1.780	1.855	1.776	1.859
300	1.867	1.868	1.867	1.866	1.869	1.864	1.870	1.862	1.872	1.861	1.872	1.859	1.874	1.856	1.875	1.852	1.876	1.850	1.878	1.847
350	1.919	1.910	1.924	1.903	1.931	1.896	1.938	1.887	1.945	1.881	1.950	1.873	1.959	1.863	1.965	1.853	1.971	1.844	1.979	1.835
400	1.971	1.953	1.981	1.940	1.994	1.927	2.006	1.913	2.019	1.901	2.029	1.887	2.043	1.871	2.055	1.854	2.067	1.839	2.081	1.823
450	2.023	1.995	2.038	1.977	2.056	1.959	2.074	1.938	2.092	1.921	2.107	1.901	2.128	1.878	2.145	1.855	2.162	1.833	2.182	1.811
500	2.075	2.038	2.095	2.014	2.119	1.990	2.142	1.963	2.166	1.941	2.186	1.915	2.212	1.886	2.235	1.856	2.258	1.828	2.284	1.799

n = number of observations

k = number of explanatory variables.

Table of F-statistics P=0.05

df2 /df1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	22	24	26	28	30	35	40	45	50	60	70	80	100	200	500	1000	>1000	df1 /df2			
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70	8.69	8.68	8.67	8.67	8.66	8.65	8.64	8.63	8.62	8.62	8.60	8.59	8.59	8.58	8.57	8.57	8.56	8.55	8.54	8.53	8.53	8.54	3			
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86	5.84	5.83	5.82	5.81	5.80	5.79	5.77	5.76	5.75	5.75	5.73	5.72	5.71	5.70	5.69	5.68	5.67	5.66	5.65	5.64	5.63	5.63	5.63	4		
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62	4.60	4.59	4.58	4.57	4.56	4.54	4.53	4.52	4.50	4.50	4.48	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.39	4.37	4.37	4.36	4.36	5		
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94	3.92	3.91	3.90	3.88	3.87	3.86	3.84	3.83	3.82	3.81	3.79	3.77	3.76	3.75	3.74	3.73	3.72	3.71	3.69	3.68	3.67	3.67	3.67	6		
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51	3.49	3.48	3.47	3.46	3.44	3.43	3.41	3.40	3.39	3.38	3.36	3.34	3.33	3.32	3.30	3.29	3.29	3.27	3.25	3.24	3.23	3.23	3.23	7		
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22	3.20	3.19	3.17	3.16	3.15	3.13	3.12	3.10	3.09	3.08	3.06	3.04	3.03	3.02	3.01	2.99	2.99	2.97	2.95	2.94	2.93	2.93	2.93	8		
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01	2.99	2.97	2.96	2.95	2.94	2.92	2.90	2.89	2.87	2.86	2.84	2.83	2.81	2.80	2.79	2.78	2.77	2.76	2.73	2.72	2.71	2.71	2.71	9		
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85	2.83	2.81	2.80	2.79	2.77	2.75	2.74	2.72	2.71	2.70	2.68	2.66	2.65	2.64	2.62	2.61	2.60	2.59	2.56	2.55	2.54	2.54	2.54	10		
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72	2.70	2.69	2.67	2.66	2.65	2.63	2.61	2.59	2.58	2.57	2.55	2.53	2.52	2.51	2.49	2.48	2.47	2.46	2.43	2.41	2.41	2.41	2.41	11		
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62	2.60	2.58	2.57	2.56	2.54	2.52	2.51	2.49	2.48	2.47	2.45	2.44	2.43	2.41	2.40	2.38	2.37	2.36	2.35	2.32	2.31	2.30	2.30	12		
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53	2.51	2.50	2.48	2.47	2.46	2.44	2.42	2.41	2.39	2.38	2.36	2.34	2.33	2.31	2.30	2.28	2.27	2.26	2.23	2.22	2.21	2.21	2.21	13		
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46	2.44	2.43	2.41	2.40	2.39	2.37	2.35	2.33	2.31	2.29	2.27	2.26	2.25	2.22	2.20	2.19	2.18	2.16	2.15	2.14	2.14	2.13	2.13	14		
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40	2.38	2.37	2.35	2.34	2.33	2.31	2.29	2.27	2.26	2.25	2.22	2.20	2.19	2.18	2.16	2.15	2.14	2.12	2.10	2.08	2.07	2.07	2.07	15		
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35	2.33	2.32	2.30	2.29	2.28	2.25	2.24	2.22	2.21	2.19	2.17	2.15	2.14	2.12	2.11	2.09	2.08	2.06	2.05	2.03	2.02	2.01	2.01	16		
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31	2.29	2.27	2.26	2.24	2.23	2.21	2.19	2.17	2.16	2.15	2.12	2.10	2.09	2.08	2.06	2.05	2.03	2.02	1.99	1.97	1.97	1.96	1.96	17		
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27	2.25	2.23	2.22	2.20	2.19	2.17	2.15	2.13	2.12	2.11	2.08	2.06	2.05	2.04	2.02	2.00	1.99	1.98	1.95	1.93	1.92	1.92	1.92	18		
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23	2.21	2.20	2.18	2.17	2.16	2.13	2.11	2.10	2.08	2.07	2.05	2.03	2.01	2.00	1.98	1.97	1.96	1.94	1.91	1.89	1.88	1.88	1.88	19		
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.23	2.20	2.18	2.17	2.15	2.14	2.12	2.10	2.08	2.07	2.05	2.04	2.01	1.99	1.98	1.97	1.95	1.93	1.92	1.91	1.88	1.86	1.85	1.84	1.84	20		
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15	2.13	2.11	2.10	2.08	2.07	2.05	2.03	2.01	2.00	1.98	1.96	1.94	1.92	1.91	1.89	1.88	1.86	1.85	1.82	1.80	1.79	1.78	1.78	22		
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11	2.09	2.07	2.05	2.04	2.03	2.00	1.98	1.97	1.95	1.93	1.91	1.90	1.88	1.87	1.84	1.82	1.80	1.79	1.77	1.75	1.74	1.73	1.73	24		
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07	2.05	2.03	2.02	2.00	1.99	1.97	1.96	1.93	1.91	1.90	1.88	1.87	1.84	1.82	1.80	1.79	1.77	1.75	1.74	1.73	1.69	1.67	1.66	1.66	26	
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04	2.02	2.00	1.99	1.97	1.96	1.93	1.91	1.89	1.88	1.85	1.83	1.82	1.80	1.79	1.76	1.74	1.72	1.71	1.70	1.66	1.64	1.63	1.62	1.62	28	
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01	1.99	1.98	1.96	1.95	1.93	1.91	1.89	1.87	1.85	1.84	1.81	1.79	1.77	1.76	1.74	1.72	1.69	1.67	1.66	1.64	1.63	1.62	1.62	30		
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.08	2.04	2.01	1.99	1.96	1.94	1.92	1.91	1.89	1.88	1.85	1.83	1.82	1.80	1.79	1.77	1.76	1.74	1.72	1.69	1.67	1.66	1.64	1.63	1.60	1.57	1.55	1.54	1.54	35	
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92	1.90	1.89	1.87	1.85	1.84	1.81	1.79	1.77	1.76	1.74	1.73	1.71	1.68	1.66	1.64	1.63	1.60	1.57	1.55	1.54	1.52	1.48	1.46	1.45	1.45	40
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89	1.87	1.86	1.84	1.82	1.81	1.78	1.76	1.74	1.72	1.70	1.69	1.66	1.63	1.61	1.60	1.58	1.56	1.54	1.52	1.48	1.46	1.45	1.44	1.44	45	
50	4.03	3.18	2.79	2.56	2.40	2.29	2.20	2.13	2.07	2.03	1.99	1.95	1.92	1.89	1.87	1.85	1.83	1.81	1.80	1.78	1.76	1.74	1.72	1.70	1.69	1.66	1.63	1.61	1.60	1.58	1.56	1.54	1.52	1.48	1.46	1.45	1.44	1.44	50		
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04	1.99	1.95	1.92	1.89	1.86	1.84	1.82	1.80	1.78	1.76	1.75	1.72	1.70	1.68	1.66	1.65	1.62	1.59	1.57	1.56	1.53	1.52	1.50	1.48	1.44	1.41	1.40	1.39	1.39	60		
70	3.98	3.13	2.74	2.50	2.35	2.23	2.14	2.07	2.02	1.97	1.93	1.89	1.86	1.84	1.81	1.79	1.77	1.75	1.74	1.72	1.70	1.67	1.65	1.64	1.62	1.59	1.57	1.55	1.53	1.50	1.49	1.47	1.45	1.40	1.37	1.36	1.35	1.35	70		
80	3.96	3.11	2.72	2.49	2.33	2.21	2.13	2.06	2.00	1.95	1.91	1.88	1.84	1.82	1.79	1.77	1.75	1.73	1.72	1.70	1.68	1.65	1.63	1.62	1.60	1.57	1.54	1.52	1.51	1.48	1.46	1.45	1.43	1.38	1.35	1.34	1.33	1.33	80		
100	3.94	3.09	2.70	2.46	2.31	2.19	2.10	2.03	1.97	1.93	1.89	1.85	1.82	1.79	1.77	1.75	1.73	1.71	1.69	1.68	1.65	1.63	1.61	1.59	1.57	1.54	1.52	1.49	1.48	1.45	1.43	1.39	1.36	1.35	1.32	1.26	1.22	1.21	1.19	100	
200	3.89	3.04	2.65	2.42	2.26	2.14	2.06	1.98	1.93	1.88	1.84	1.80	1.77	1.74	1.72	1.69	1.67	1.66	1.64	1.62	1.60	1.57	1.55	1.53	1.52	1.48	1.46	1.43	1.41	1.39	1.36	1.35	1.32	1.28	1.21	1.16	1.14	1.12	1.12	200	
500	3.86	3.01	2.62	2.39	2.23	2.12	2.03	1.96	1.90	1.85	1.81	1.77	1.74	1.71	1.69	1.66	1.64	1.62	1.61	1.59	1.56	1.54	1.52	1.50	1.48	1.45	1.42	1.40	1.38	1.35	1.32	1.30	1.28	1.21	1.16	1.14	1.12	1.12	500		
1000	3.85	3.00	2.61	2.38																																					