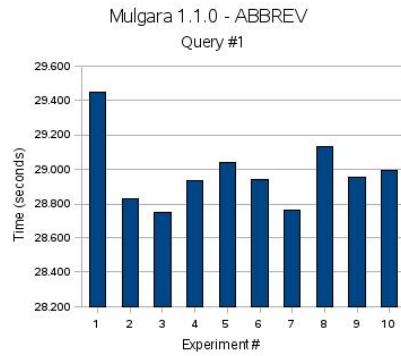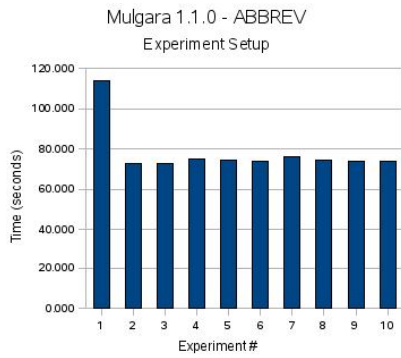# LAMPIRAN A
DETIL HASIL PERCOBAAN

A.1 Percobaan Tahap Awal

A.1.1 Mulgara 1.1.0

Tabel A.1: Hasil Percobaan Mulgara 1.1.0
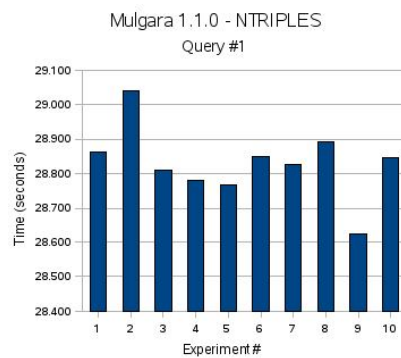
| Eksperimen # | Dataset *Serialization* Format | | | | | |
| | RDFXML-ABBREV | | NTRIPLES | | RDFXML | |
	Setup	*Query #1*	*Setup*	*Query #1*	*Setup*	*Query #1*
1	113,985	29,451	75,438	28,864	91,881	28,996
2	72,914	28,831	74,696	29,040	90,519	28,995
3	72,780	28,748	74,151	28,811	90,469	29,062
4	75,105	28,933	75,270	28,780	91,014	28,728
5	74,649	29,040	74,188	28,768	91,409	28,744
6	73,641	28,944	74,507	28,849	91,824	28,927
7	76,067	28,766	75,740	28,826	91,914	28,797
8	74,387	29,132	74,722	28,893	92,331	28,899
9	73,756	28,954	75,914	28,623	92,082	28,879
10	73,816	28,994	74,781	28,846	92,379	28,881

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(a) Skenario: *Environment Setup*

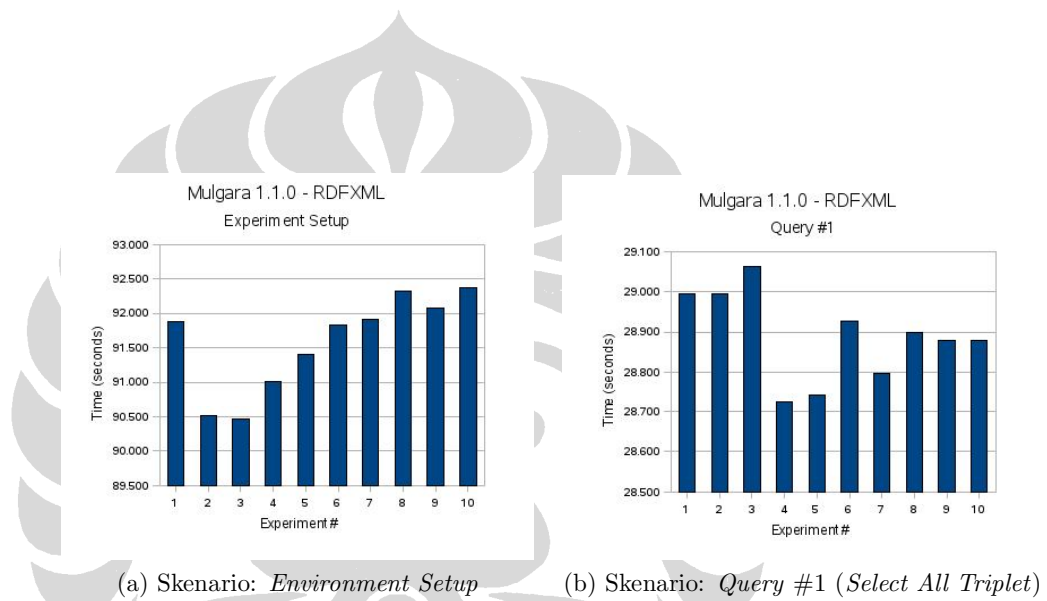(b) Skenario: *Query #1* (*Select All Triplet*)

Gambar A.1: Hasil Percobaan Mulgara 1.1.0: RDFXML-ABBREV
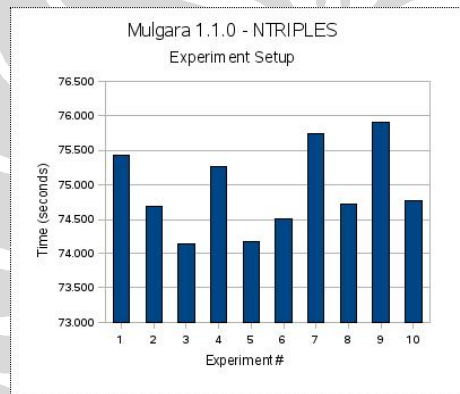
(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1* (*Select All Triplet*)

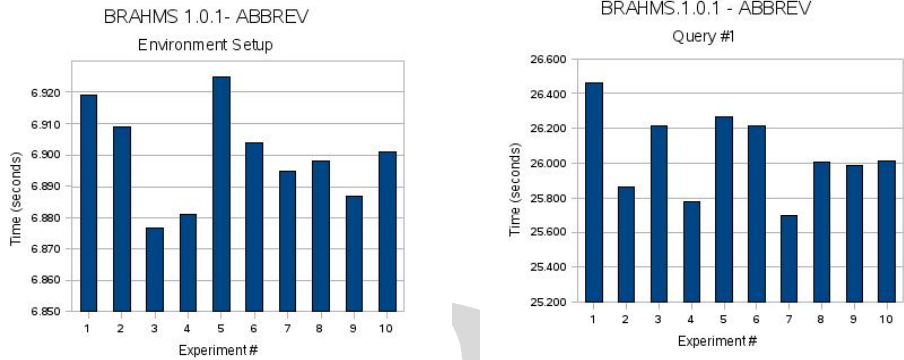Gambar A.2: Hasil Percobaan Mulgara 1.1.0: NTRIPLES

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(a) Skenario: *Environment Setup*   (b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.3: Hasil Percobaan Mulgara 1.1.0: RDFXML

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A.1.2 BRAHMS 1.0.1

Tabel A.2: Hasil Percobaan BRAHMS 1.0.1

| Eksperimen # | Dataset *Serialization* Format | | | | | |
| | RDFXML-ABBREV | | NTRIPLES | | RDFXML | |
	Setup	*Query #1*	*Setup*	*Query #1*	*Setup*	*Query #1*
1	6,919	26,464	7,402	26,213	13,245	26,044
2	6,909	25,863	5,838	25,811	11,237	25,634
3	6,877	26,213	5,798	26,075	11,191	26,077
4	6,881	25,778	5,824	25,769	11,202	26,117
5	6,925	26,267	5,820	26,072	11,216	25,996
6	6,904	26,212	5,796	26,208	11,158	25,810
7	6,895	25,694	5,807	25,903	11,147	26,315
8	6,898	26,004	5,799	26,260	11,173	26,220
9	6,887	25,988	5,785	26,051	11,196	26,045
10	6,901	26,015	5,829	26,138	11,153	25,991

(a) Skenario: *Environment Setup*

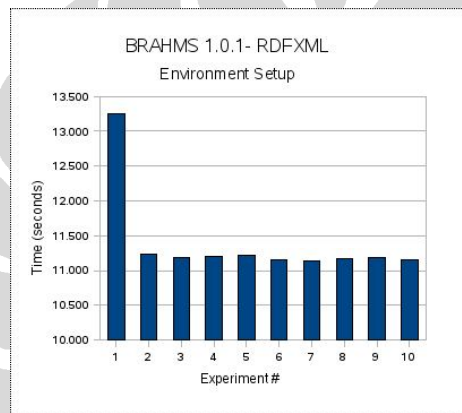
(b) Skenario: *Query #1* (*Select All Triplet*)

Gambar A.4: Hasil Percobaan BRAHMS 1.0.1 : RDFXML-ABBREV
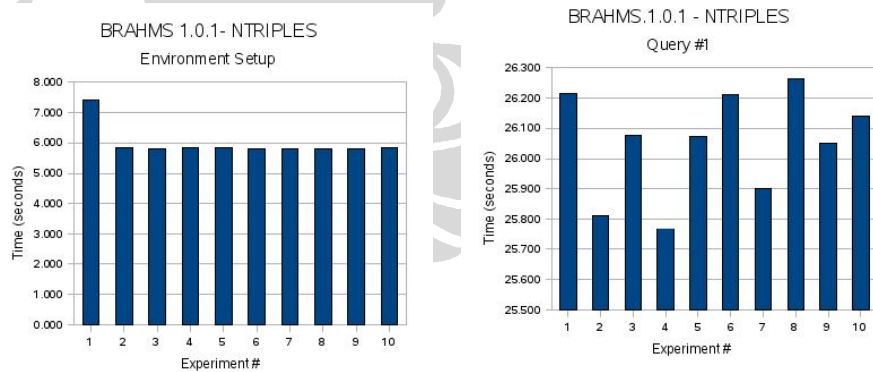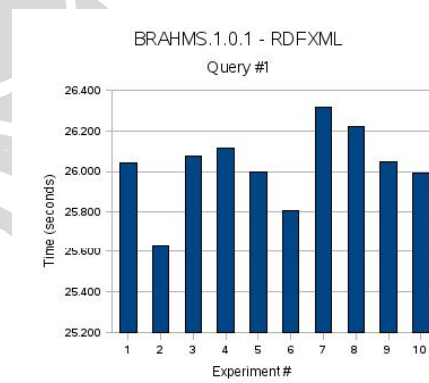

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1* (*Select All Triplet*)

Gambar A.5: Hasil Percobaan BRAHMS 1.0.1 : NTRIPLES
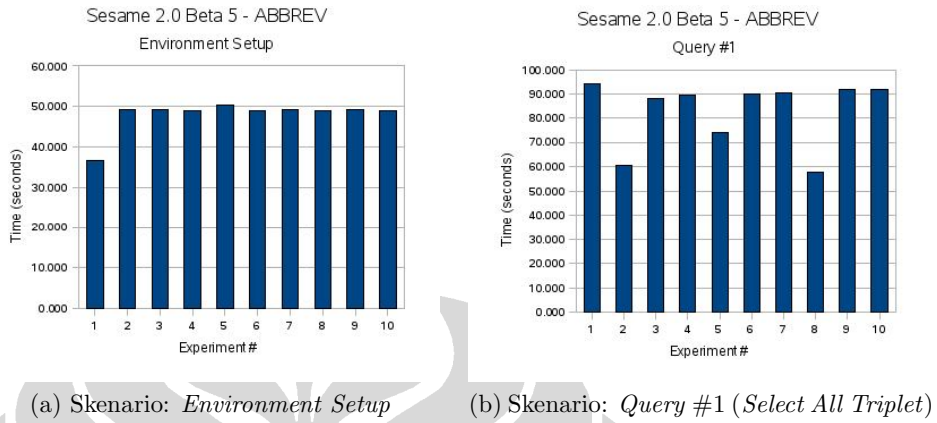
100

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1* (*Select All Triplet*)
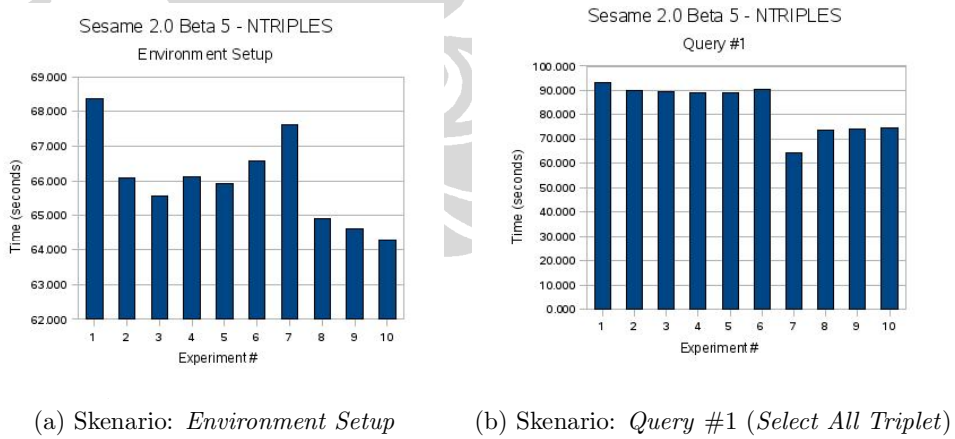
Gambar A.6: Hasil Percobaan BRAHMS 1.0.1 : RDFXML

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A.1.3 Sesame 2.0 Beta 5
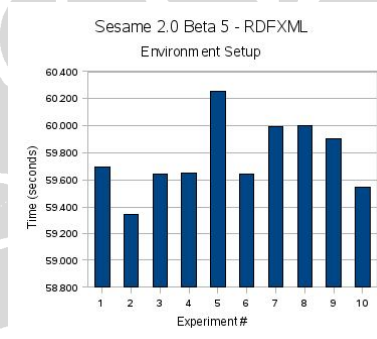
Tabel A.3: Hasil Percobaan Sesame 2.0 Beta 5

Eksperimen #	Dataset *Serialization* Format					
	RDFXML-ABBREV		NTRIPLES		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*	*Setup*	*Query #1*
1	36,576	94,340	68,349	93,385	59,693	75,124
2	49,096	60,866	66,083	89,916	59,347	75,679
3	49,144	88,308	65,549	89,637	59,642	75,759
4	48,904	89,402	66,119	89,273	59,648	76,545
5	50,463	74,174	65,925	89,044	60,254	75,838
6	49,013	90,041	66,561	90,645	59,646	75,799
7	49,269	90,377	67,610	64,417	59,996	76,487
8	48,920	57,637	64,916	73,866	60,001	75,470
9	49,135	91,819	64,602	74,337	59,903	75,634
10	49,045	91,973	64,290	74,491	59,548	75,856

(a) Skenario: *Environment Setup*   (b) Skenario: *Query #1* (*Select All Triplet*)

Gambar A.7: Hasil Percobaan Sesame 2.0 Beta 5: RDFXML-ABBREV

(a) Skenario: *Environment Setup*   (b) Skenario: *Query #1* (*Select All Triplet*)

Gambar A.8: Hasil Percobaan Sesame 2.0 Beta 5: NTRIPLES
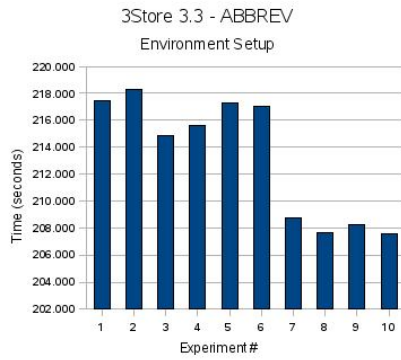
103
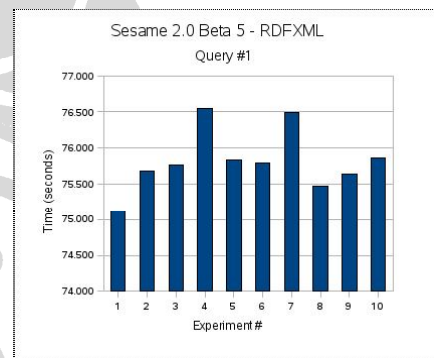
(a) Skenario: *Environment Setup*   (b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.9: Hasil Percobaan Sesame 2.0 Beta 5: RDFXML

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A.1.4 3Store 3.3

Tabel A.4: Hasil Percobaan 3Store 3.3

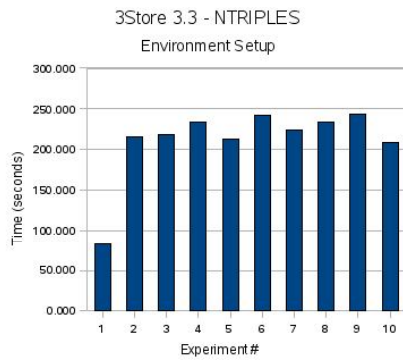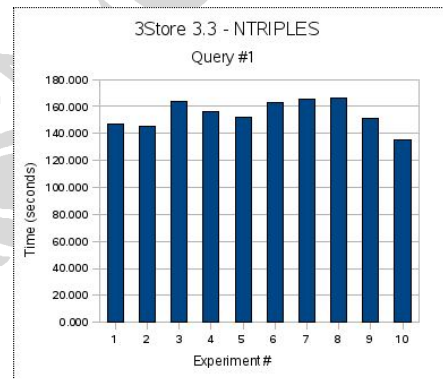| Eksperimen # | Dataset *Serialization* Format | | | | | |
	RDFXML-ABBREV		NTRIPLES		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*	*Setup*	*Query #1*
1	217,412	128,636	82,307	146,924	215,467	126,993
2	218,313	130,767	215,214	145,156	213,963	125,993
3	214,822	128,395	217,760	163,930	214,511	126,142
4	215,574	131,213	233,587	155,839	215,064	126,401
5	217,272	134,485	212,631	151,558	214,146	126,925
6	217,047	126,776	242,510	163,118	214,931	126,665
7	208,724	125,631	224,361	165,374	213,542	126,696
8	207,631	126,870	233,394	166,054	214,425	126,478
9	208,247	126,219	244,103	150,712	213,706	126,362
10	207,602	126,683	208,450	135,166	213,951	125,742

(a) Skenario: *Environment Setup*
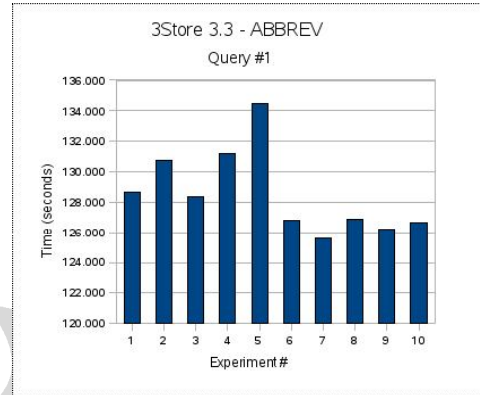
(b) Skenario: *Query #1* (*Select All Triplet*)
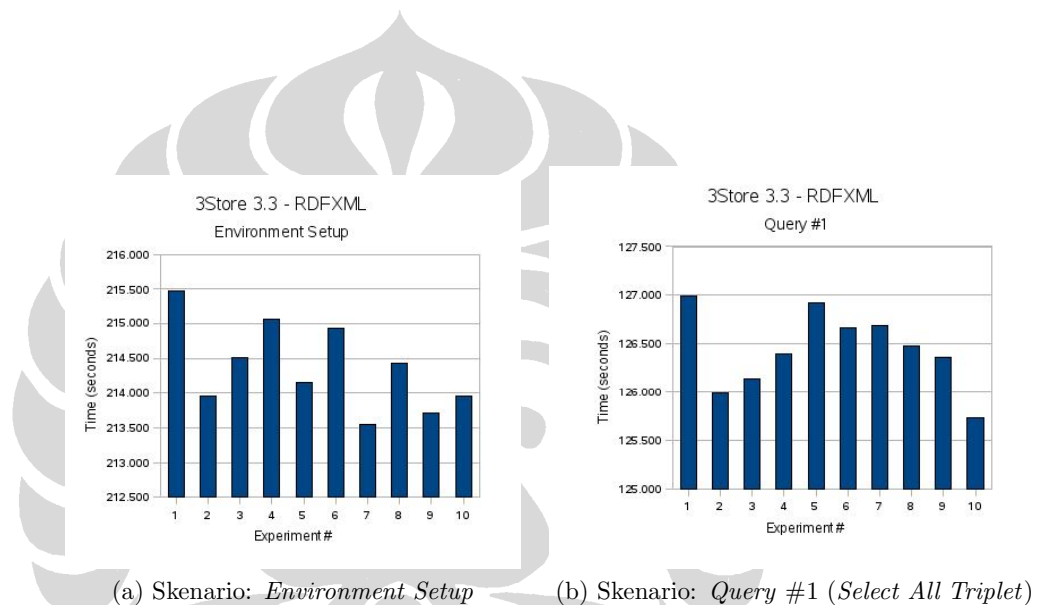
Gambar A.10: Hasil Percobaan 3Store 3.3: RDFXML-ABBREV

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1* (*Select All Triplet*)

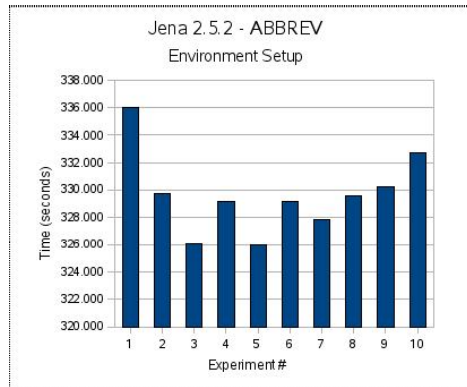Gambar A.11: Hasil Percobaan 3Store 3.3: NTRIPLES

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(a) Skenario: *Environment Setup* (b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.12: Hasil Percobaan 3Store 3.3: RDFXML

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A.1.5   Jena 2.5.2

Tabel A.5: Hasil Percobaan Jena 2.5.2

| Eksperimen #	Dataset *Serialization* Format					
	RDFXML-ABBREV		NTRIPLES		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*	*Setup*	*Query #1*
1	335,988	70,767	232,819	234,281	626,126	74,868
2	329,735	69,274	237,150	238,615	678,434	78,713
3	326,012	69,358	230,665	232,179	643,131	74,367
4	329,128	71,481	232,127	233,642	633,123	72,781
5	326,003	67,988	231,470	232,939	673,264	72,706
6	329,143	71,596	234,062	235,579	642,611	72,083
7	327,836	67,818	231,886	233,353	651,544	75,370
8	329,580	70,277	234,436	235,902	671,136	74,684
9	330,212	68,713	230,511	231,974	660,102	79,570
10	332,672	69,575	231,567	233,031	634,529	71,479

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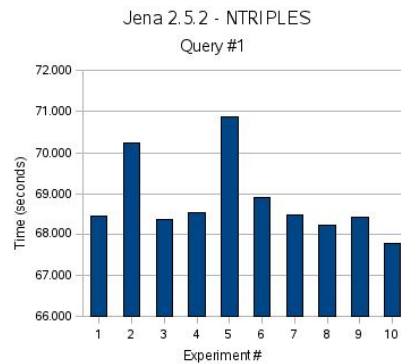(a) Skenario: *Environment Setup*
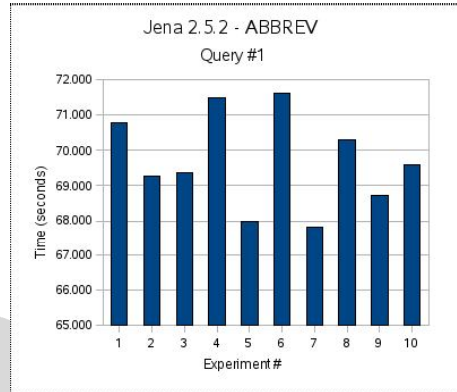
(b) Skenario: *Query #1 (Select All Triplet)*

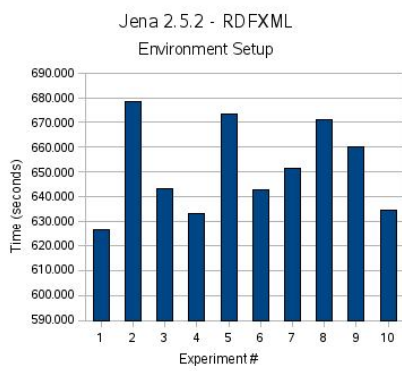Gambar A.13: Hasil Percobaan Jena 2.5.2: RDFXML-ABBREV
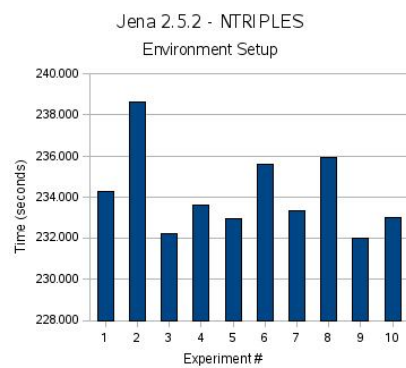
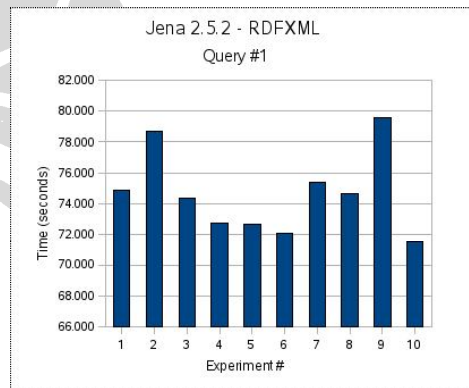(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.14: Hasil Percobaan Jena 2.5.2: NTRIPLES

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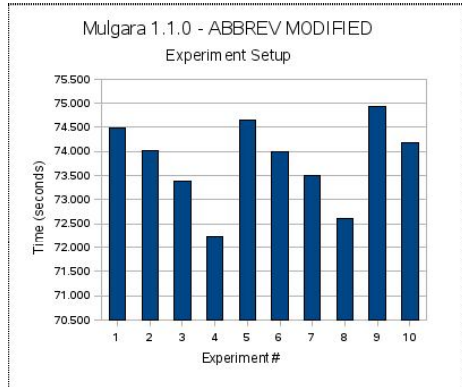(a) Skenario: *Environment Setup*　　(b) Skenario: *Query* #1 (*Select All Triplet*)

Gambar A.15: Hasil Percobaan Jena 2.5.2: RDFXML
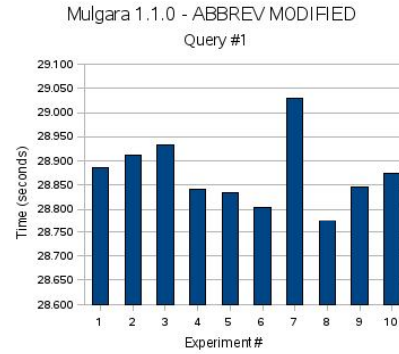
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A.2 Percobaan *Tag Dictionary*

A.2.1 Mulgara 1.1.0

Tabel A.6: Hasil Percobaan Mulgara 1.1.0

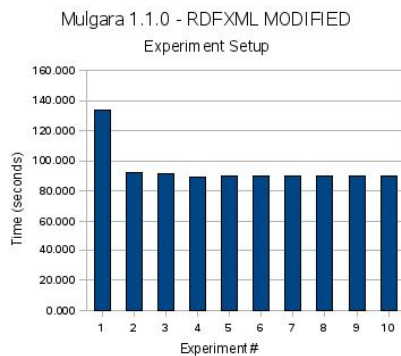| Eksperimen #	Dataset *Serialization* Format			
	RDFXML-ABBREV		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*
1	74,498	28,885	133,380	30,439
2	74,007	28,912	92,252	29,478
3	73,384	28,934	91,777	29,333
4	72,228	28,841	89,657	29,027
5	74,645	28,834	90,013	29,353
6	73,991	28,805	90,008	29,306
7	73,508	29,029	89,683	29,213
8	72,601	28,776	90,278	29,327
9	74,944	28,846	89,901	29,148
10	74,191	28,874	89,994	29,384

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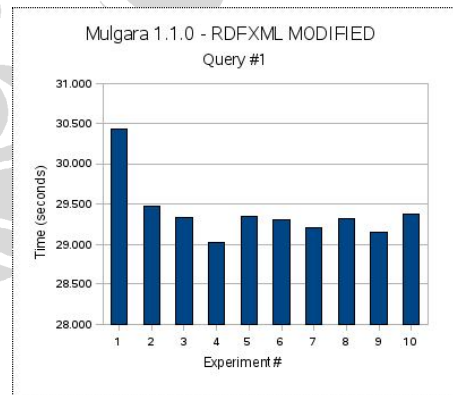(a) Skenario: *Environment Setup*　　　　(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.16: Hasil Percobaan Mulgara 1.1.0: RDFXML-ABBREV
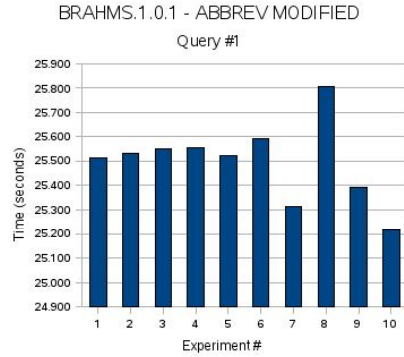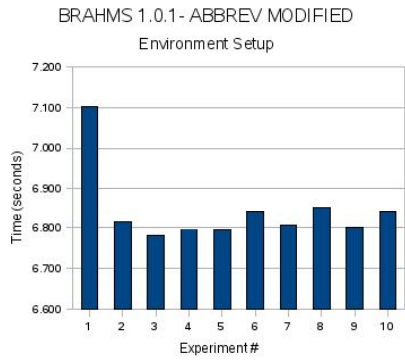

(a) Skenario: *Environment Setup*　　　　(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.17: Hasil Percobaan Mulgara 1.1.0: RDFXML

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A.2.2 BRAHMS 1.0.1
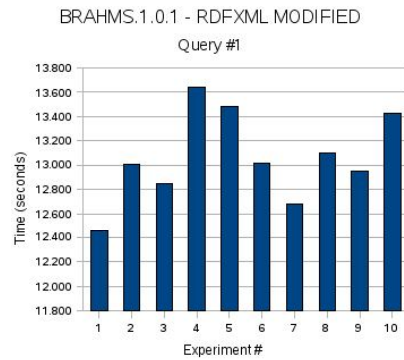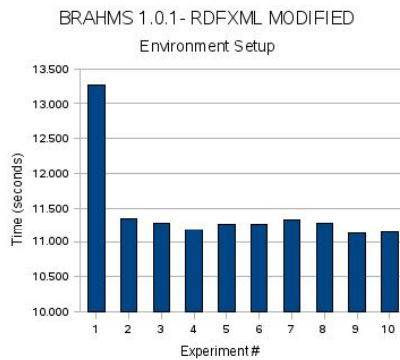
Tabel A.7: Hasil Percobaan BRAHMS 1.0.1

Eksperimen #	Dataset *Serialization* Format			
	RDFXML-ABBREV		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*
1	7,102	25,514	13,274	12,449
2	6,815	25,534	11,344	13,008
3	6,781	25,552	11,284	12,849
4	6,797	25,556	11,182	13,642
5	6,795	25,524	11,267	13,482
6	6,839	25,593	11,267	13,014
7	6,807	25,315	11,342	12,680
8	6,853	25,807	11,290	13,102
9	6,800	25,391	11,119	12,953
10	6,841	25,218	11,136	13,422

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.18: Hasil Percobaan BRAHMS 1.0.1 : RDFXML-ABBREV
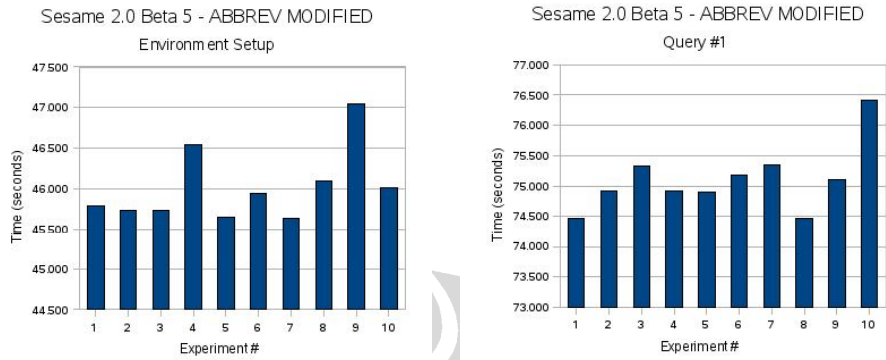

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

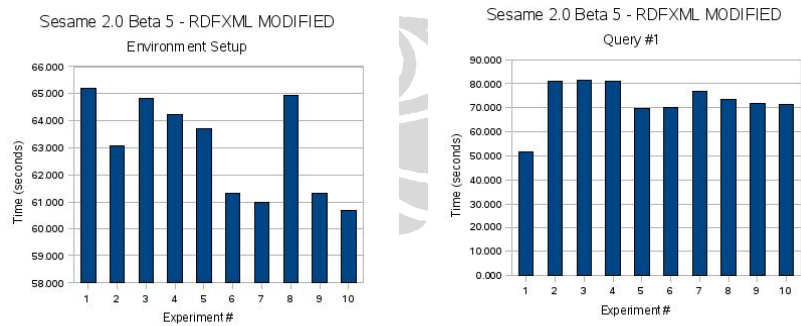Gambar A.19: Hasil Percobaan BRAHMS 1.0.1 : RDFXML

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A.2.3 Sesame 2.0 Beta 5

Tabel A.8: Hasil Percobaan Sesame 2.0 Beta 5

Eksperimen #	Dataset *Serialization* Format			
	RDFXML-ABBREV		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*
1	45,788	74,457	65,202	51,469
2	45,740	74,920	63,074	81,143
3	45,737	75,337	64,808	81,238
4	46,542	74,927	64,248	81,204
5	45,643	74,905	63,703	69,750
6	45,947	75,186	61,311	70,000
7	45,636	75,352	60,992	76,794
8	46,096	74,459	64,931	73,590
9	47,040	75,109	61,343	71,889
10	46,010	76,417	60,697	71,351

(a) Skenario: *Environment Setup*　　(b) Skenario: *Query #1 (Select All Triplet)*

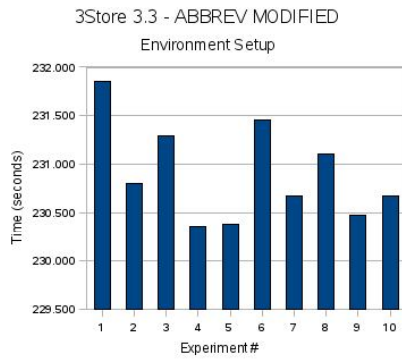Gambar A.20: Hasil Percobaan Sesame 2.0 Beta 5: RDFXML-ABBREV

(a) Skenario: *Environment Setup*　　(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.21: Hasil Percobaan Sesame 2.0 Beta 5: RDFXML

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A.2.4   3Store 3.3

Tabel A.9: Hasil Percobaan 3Store 3.3

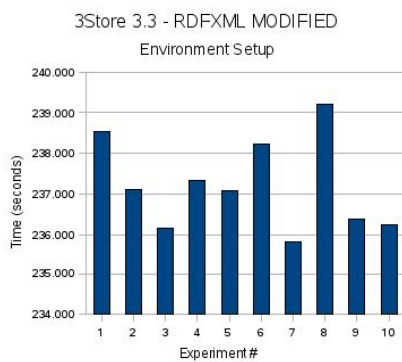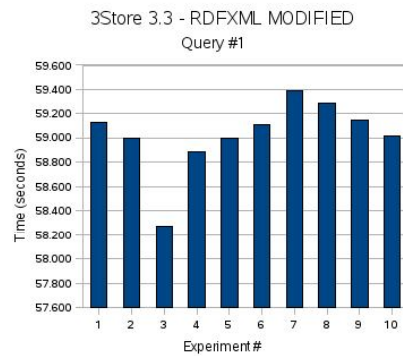| Eksperimen #	Dataset *Serialization* Format			
	RDFXML-ABBREV		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*
1	231,852	125,694	238,539	59,128
2	230,803	125,674	237,108	58,998
3	231,297	125,790	236,155	58,270
4	230,361	125,763	237,345	58,885
5	230,384	125,213	237,088	58,995
6	231,464	125,155	238,227	59,115
7	230,675	125,047	235,824	59,392
8	231,110	124,779	239,193	59,286
9	230,482	125,953	236,396	59,150
10	230,681	125,376	236,236	59,015

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.22: Hasil Percobaan 3Store 3.3: RDFXML-ABBREV

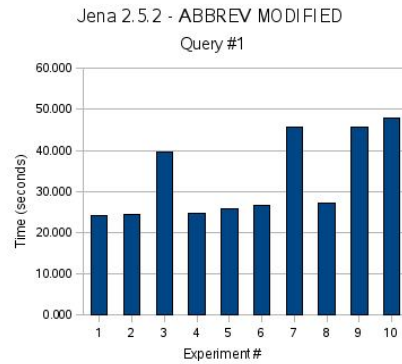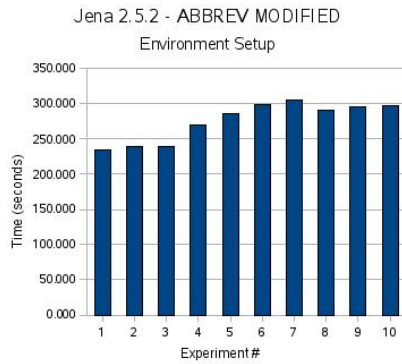(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.23: Hasil Percobaan 3Store 3.3: RDFXML

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A.2.5 Jena 2.5.2
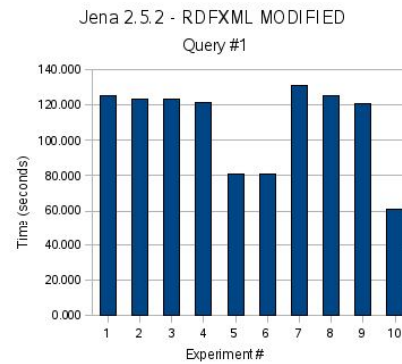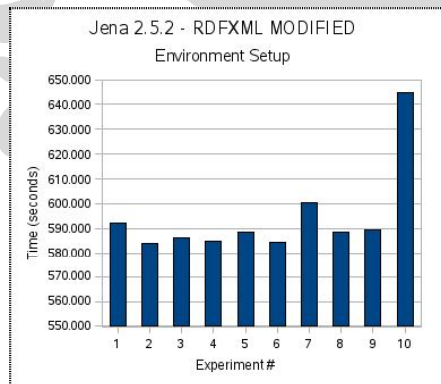
Tabel A.10: Hasil Percobaan Jena 2.5.2

Eksperimen #	Dataset *Serialization* Format			
	RDFXML-ABBREV		RDFXML	
	Setup	*Query #1*	*Setup*	*Query #1*
1	233,886	24,200	592,113	125,049
2	239,879	24,446	583,952	123,338
3	238,433	39,487	586,510	123,078
4	269,788	24,883	585,022	121,396
5	286,245	25,970	588,569	80,848
6	298,084	26,800	584,456	80,775
7	305,029	45,670	600,612	130,799
8	290,785	27,161	588,670	124,751
9	295,619	45,758	589,328	120,572
10	295,953	47,913	644,679	60,958

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(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.24: Hasil Percobaan Jena 2.5.2: RDFXML-ABBREV

(a) Skenario: *Environment Setup*

(b) Skenario: *Query #1 (Select All Triplet)*

Gambar A.25: Hasil Percobaan Jena 2.5.2: RDFXML

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