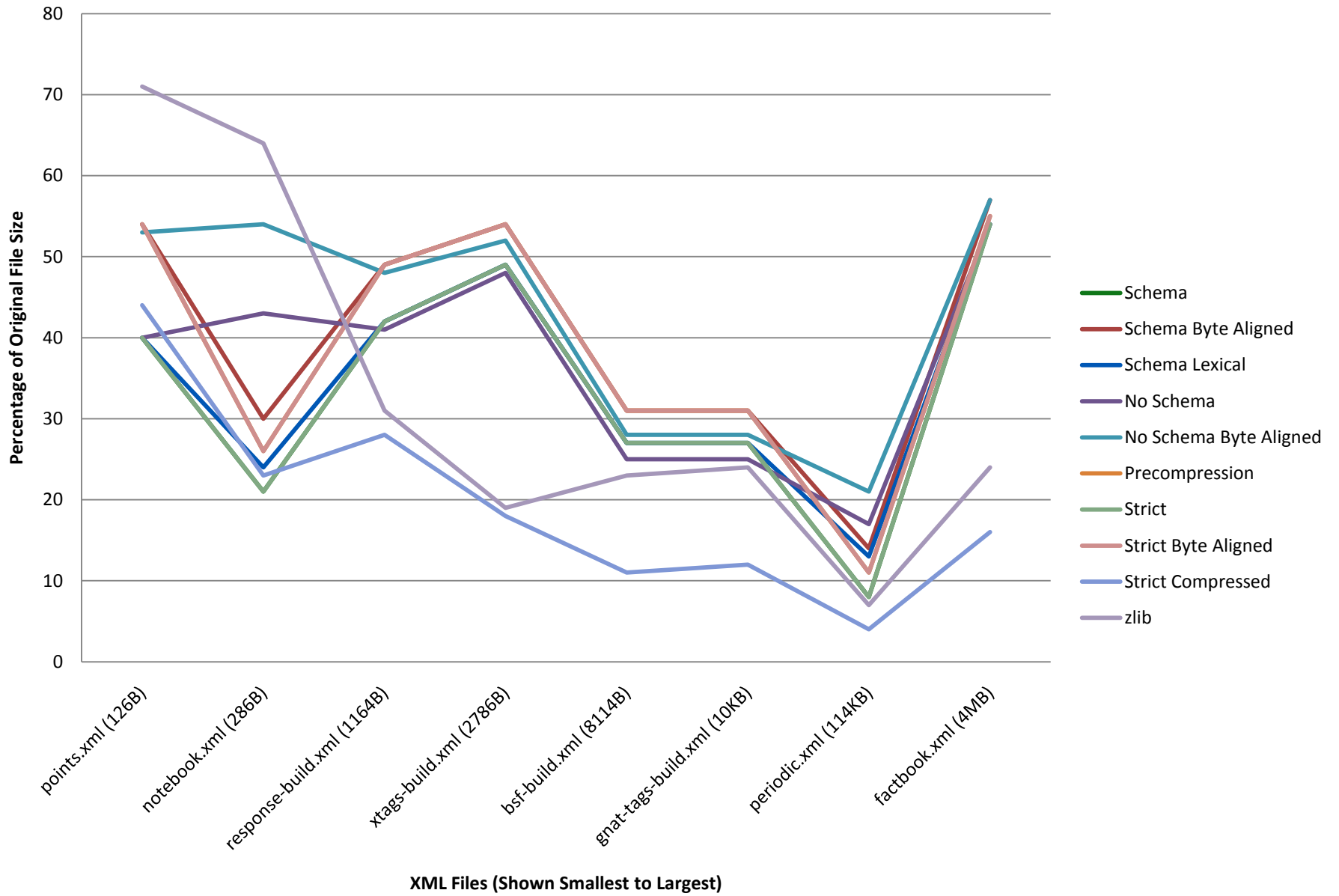


XML Compression with EXI and zlib



XML Compression with Efficient XML Interchange (EXI) and zlib

File	Original XML	Schema			No Schema			Strict			zlib
		Schema	Byte Aligned	Lexical	Schema	Byte Aligned	Precompression	Strict	Byte Aligned	Compressed	
points.xml (126B)	126	50	68	50	51	67	68	50	68	55	89
notebook.xml (286B)	286	61	87	70	124	154	75	59	75	67	182
response-build.xml (1164B)	1164	493	569	493	482	557	569	493	569	324	358
xtags-build.xml (2786B)	2786	1376	1499	1376	1343	1461	1499	1375	1499	496	528
bsf-build.xml (8114B)	8114	2184	2500	2184	2010	2268	2500	2183	2500	929	1902
gnat-tags-build.xml (10KB)	10163	2724	3111	2724	2496	2824	3111	2723	3111	1235	2461
periodic.xml (114KB)	116505	9848	16271	15056	19715	25031	12516	9365	12516	4975	8729
factbook.xml (4MB)	4238439	2280648	2418366	2280773	2305079	2415740	2326755	2272156	2325157	690604	1002912

Percentage of Original Size

File	Original XML	Schema			No Schema			Strict			zlib
		Schema	Byte Aligned	Lexical	Schema	Byte Aligned	Precompression	Strict	Byte Aligned	Compressed	
points.xml (126B)	100	40	54	40	40	53	54	40	54	44	71
notebook.xml (286B)	100	21	30	24	43	54	26	21	26	23	64
response-build.xml (1164B)	100	42	49	42	41	48	49	42	49	28	31
xtags-build.xml (2786B)	100	49	54	49	48	52	54	49	54	18	19
bsf-build.xml (8114B)	100	27	31	27	25	28	31	27	31	11	23
gnat-tags-build.xml (10KB)	100	27	31	27	25	28	31	27	31	12	24
periodic.xml (114KB)	100	8	14	13	17	21	11	8	11	4	7
factbook.xml (4MB)	100	54	57	54	54	57	55	54	55	16	24

Strict appears to provide roughly same performance as Schema ^^

Strict byte aligned appears to do as well as Precompression ^^