

Benchmark (suite)	Input size (GB)		Conversions	Category
	Plaintext	Ciphertext		
Word Count (PUMA)	20	53	no	search-intensive
Inverted Index (PUMA)	20	53	no	
K-Means (PUMA)	20	198.7	in map	computation-intensive
Classification (PUMA)	20	198.7	in map	
Histogram Movies (PUMA)	20	112.7	in map	
Aggregate Task (Brown)	18.7	46.8	no	
Aggregate Task Variant (Brown)	18.7	46.8	no	
Join Task (Brown)	19.6	43.5	in reduce	
L3 (PIGMIX2)	20.5	44.8	no	
L6 (PIGMIX2)	20.5	44.9	no	
L8 (PIGMIX2)	20.5	45.1	no	
L12 (PIGMIX2)	20.5	44.8	no	
L15 (PIGMIX2)	20.5	45.5	no	
L16 (PIGMIX2)	20.5	45	no	
L17 (PIGMIX2)	21.5	47.8	no	