

	C	K (s)	T			ADS						AMS						AFS						NoE	ESR	ESW	E i	
			R (min)	NoS	NoT	i (MB)	o (M)	SR	SW	NoT	R (s)	i (M)	o (N)	SR	SW	NoT	R (s)	i	o	SR	SW	NoT	R (s)					
N/A	N	Y(11) (no cache clearing)	14	23	435 (82 F)	1531.7 MB	N/A	N/105.2 KB	1699.6 KB/95.1	16/1	21/2	N/A	N/A	368MB/(1151MB/7)	16(Less th	14	NA	NA	731MB/400MB	368MB/200	16	40	2	6.9GB	7.7GB			
N/A	Y	Y(11)(No Cache clearing afterwards)	15	23	443/353	72	NA	N/957KB	91/863KB		9/1	7/3			368/194	151/79	16	13		151/75	368/183	16	40	2	3.8	7.7	43.8	
NA	N	Y(11)(Cache cleared)	14	23	465/353	1403.7 MB	NA	N/1699KB	1501/1533KB	16/15	19/8				368/222	151/85	16	15		731/277	368/138	16	40	2	7.2	7.7	5.4	
NA	Y, Persist,	Y(11)(No Cache clearing afterwards)	16	23	472/353	1403	NA	N/1381KB	1532/1246KB	15/13	18/4				278/368	151/75	16	15		151/94MB	228/368MB	16	48	2	3.8	7.8	42.3	
NA	y	Y(11)(No Cache clearing afterwards)	17	23	460/353		1531	N/1699KB	1699/1533KB		16	16/3				368/222	151/104	16	13				16	53	2			
No-cache, with partition																												
default	N	N	11	23	353	1532	N/A	1700KB	1500KB		16	20	N/A	N/A	368 MB	152 MB	16	15	N/A	N/A	731 MB	368 MB	16	42	2	5.4 GB	6 GB	3.2 GB
	5	N	16	25	165	1531 MB/NA	N/A	NA/1700 KB	1699KB/1253 KB		16	29/12	N/A	N/A	269 MB	143 MB	5	14	N/A	N/A	706 MB	268 MB	5	1.2mins	2	5 GB	5.6 GB	
	10	N	13	25	265	1531 MB/NA	N/A	NA/1700 KB	1699KB/1278KB		16	27/11	N/A	N/A	330 MB	143 MB	10	14	N/A	N/A	706 MB	329 MB	10	49	2	5.7 GB	6.3 GB	
	20	N	11	25	465	1531 MB/NA	N/A	NA/1700 KB	1699KB/1334 KB		16	23/23	N/A	N/A	385 MB	143 MB	20	38	N/A	N/A	706 MB	385 MB	20	40 s	2	5.5 GB	6.9 GB	
With Cache, with partitions																												
default	Y	N	11	23	353	1531 MB/NA	N/A	NA/1700 KB	1534KB		16	26	N/A	N/A	368MB	152MB	16	14	3.5 Gf	N/A	152 MB	368MB	16	42	2	3.1GB	6GB	36 GB
	5	Y	21	25	165	1531 MB/NA	N/A	NA/1700 KB	1699KB/1253 KB		16	29/14	N/A	N/A	269 MB	143 MB	5	15	3.1 Gf	N/A	253 MB	268 MB	5	1.5 mins	2	3.3 GB	5.6GB	32.8 GB
	10	Y	13	25	265	1531 MB/NA	N/A	NA/1700 KB	1699KB/1278 KB		16	26/22	N/A	N/A	329 MB	142 MB	10	14	3.1GB	N/A	200 MB	329 MB	10	55	2	3.7 GB	6.3 GB	33.4 GB
	20	Y	11	25	465	1531 MB/NA	N/A	NA/1700 KB	1699KB/1334 KB		16	26/23	N/A	N/A	385 MB	142 MB	20	14	3.4 Gf	N/A	142.6 MB	385 MB	20	40	2	3.4 GB	6.9GB	36.1 GB

## Abbreviations

Number of Partitions	P
Cached	C
Kill (stage)	K (s)
Total	T
Runtime	R
Number of Stages	NoS
Number of Tasks	NoT
Tasks	T
ADS	Average Distinct Stats
AMS	Average Map Stats
AFS	Average Flatmap Stats
i	input
o	output
SR	Shuffled Read
SW	Shuffled Write
NoTS	Number of Total Stages
NoE	Number of Executors
ESR	Executor Shuffle Read
ESW	Executor Shuffle Write