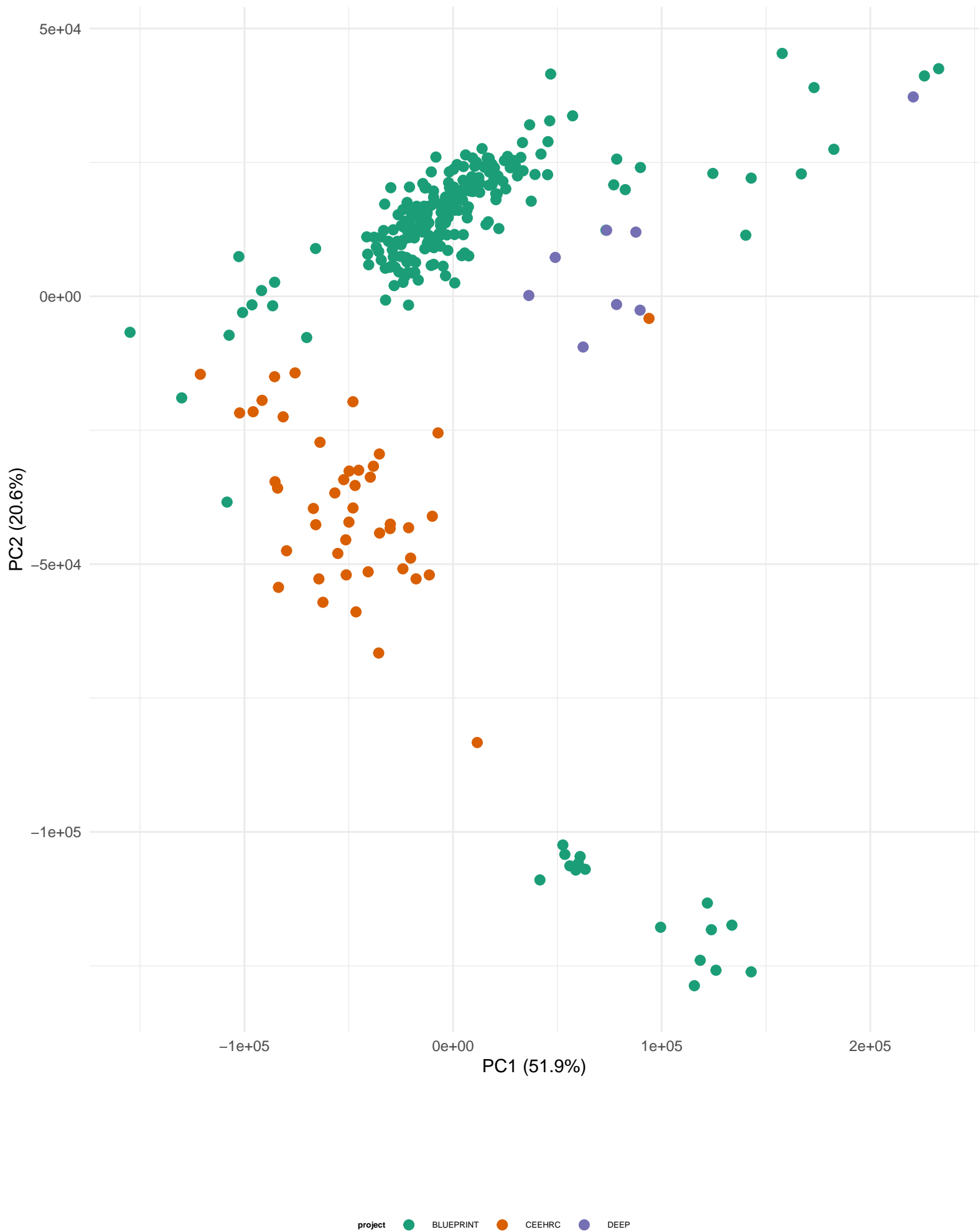
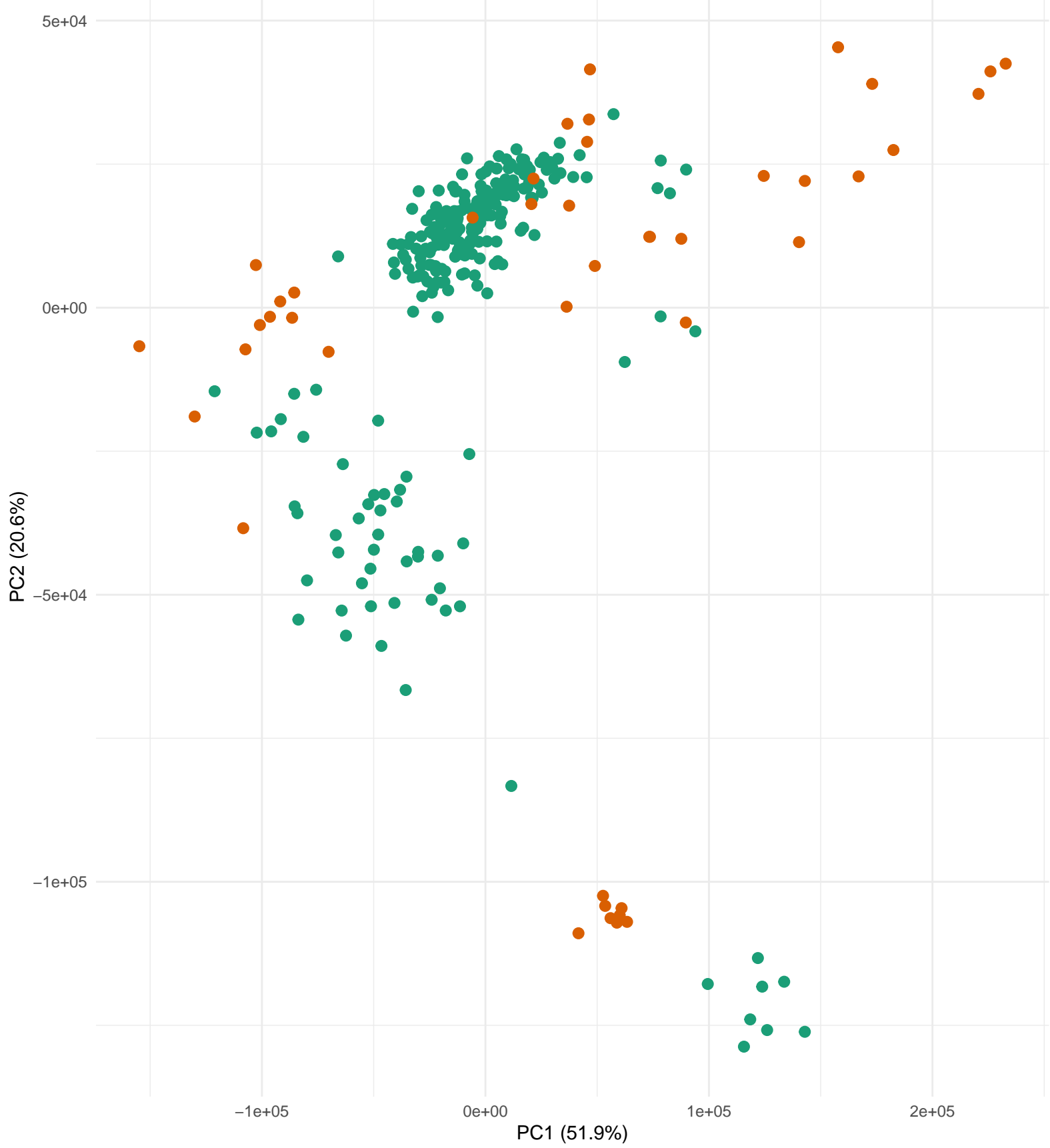


PCA por project



PCA por harmonized biomaterial type



harmonized biomaterial type



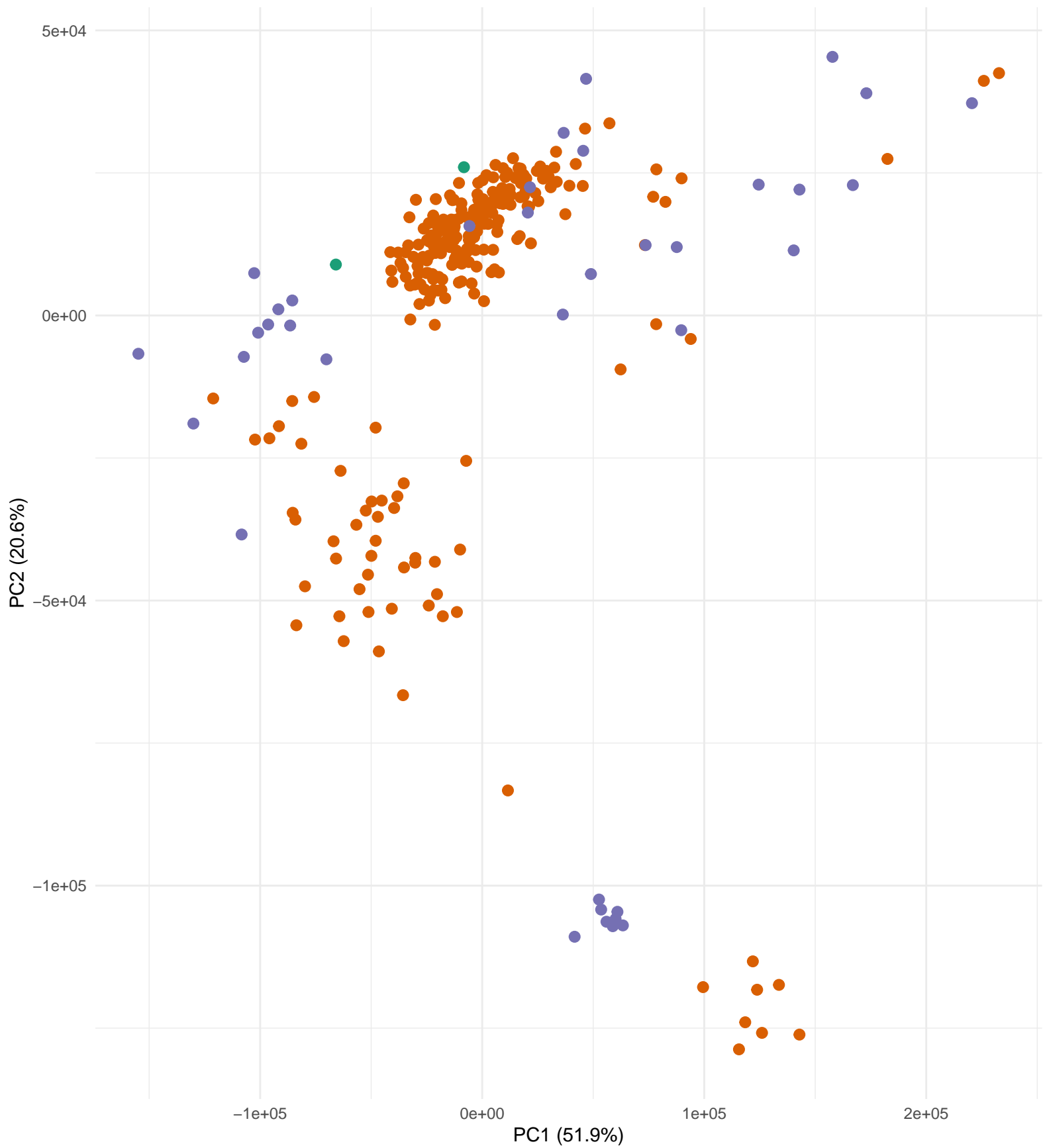
primary cell



primary cell culture

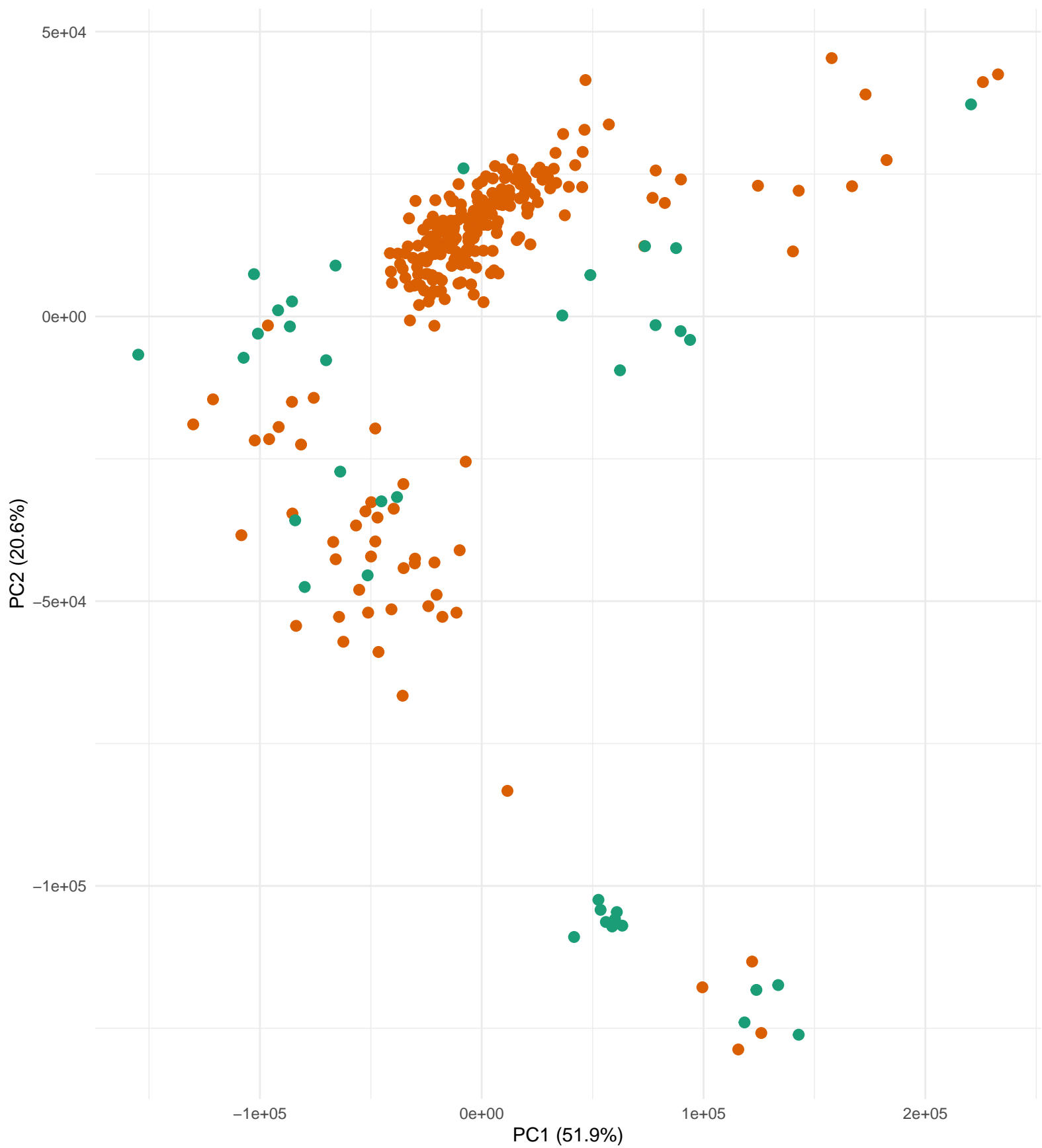


PCA por harmonized sample ontology intermediate color

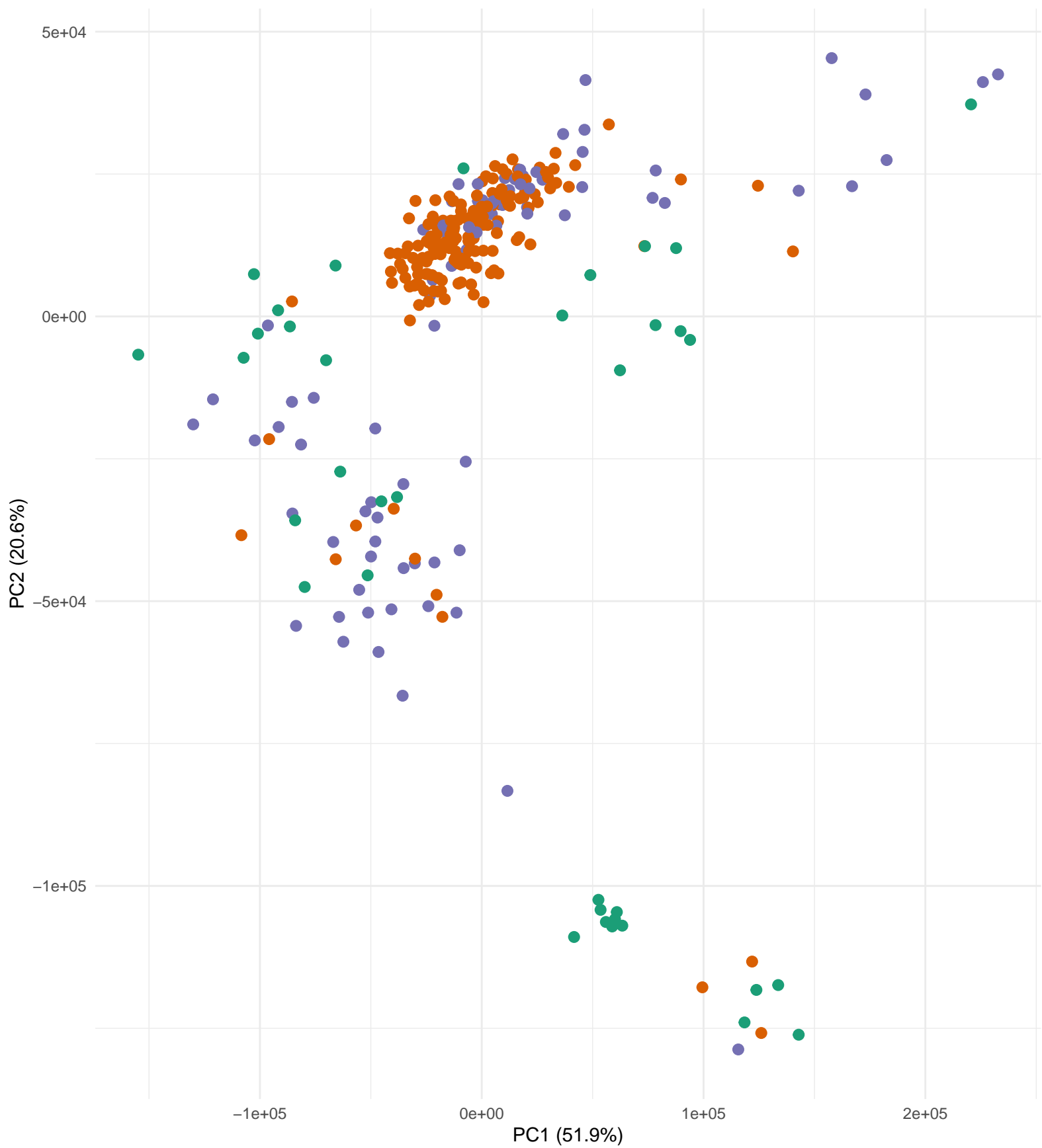


harmonized sample ontology intermediate color    143,81,121    162,90,219    191,134,235

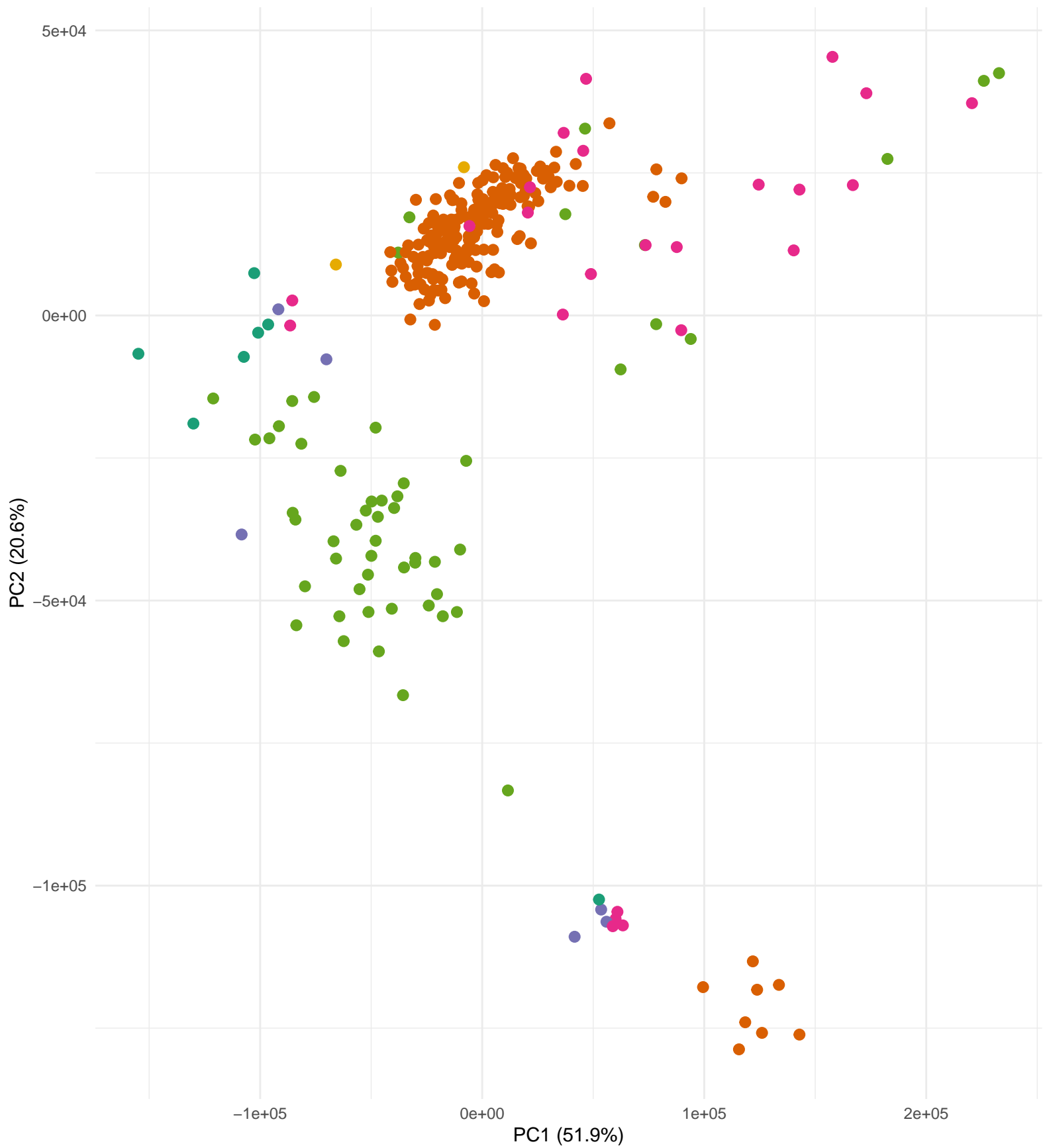
PCA por harmonized EpiRR status



PCA por epiATLAS status



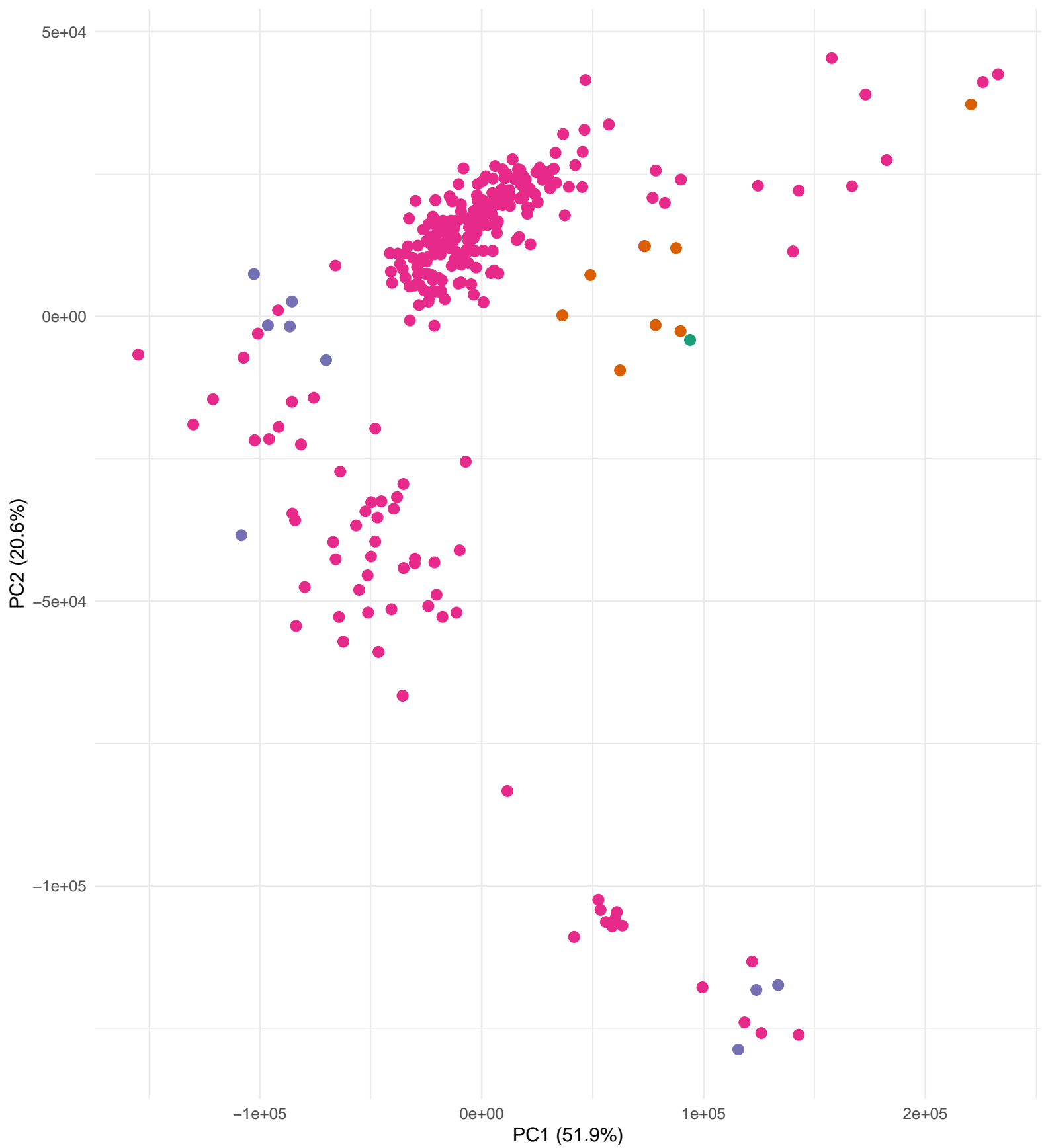
PCA por harmonized cell type



harmonized cell type

- alternatively activated macrophage
- inflammatory macrophage
- monocyte
- CD14-positive, CD16-negative classical monocyte
- macrophage
- osteoclast

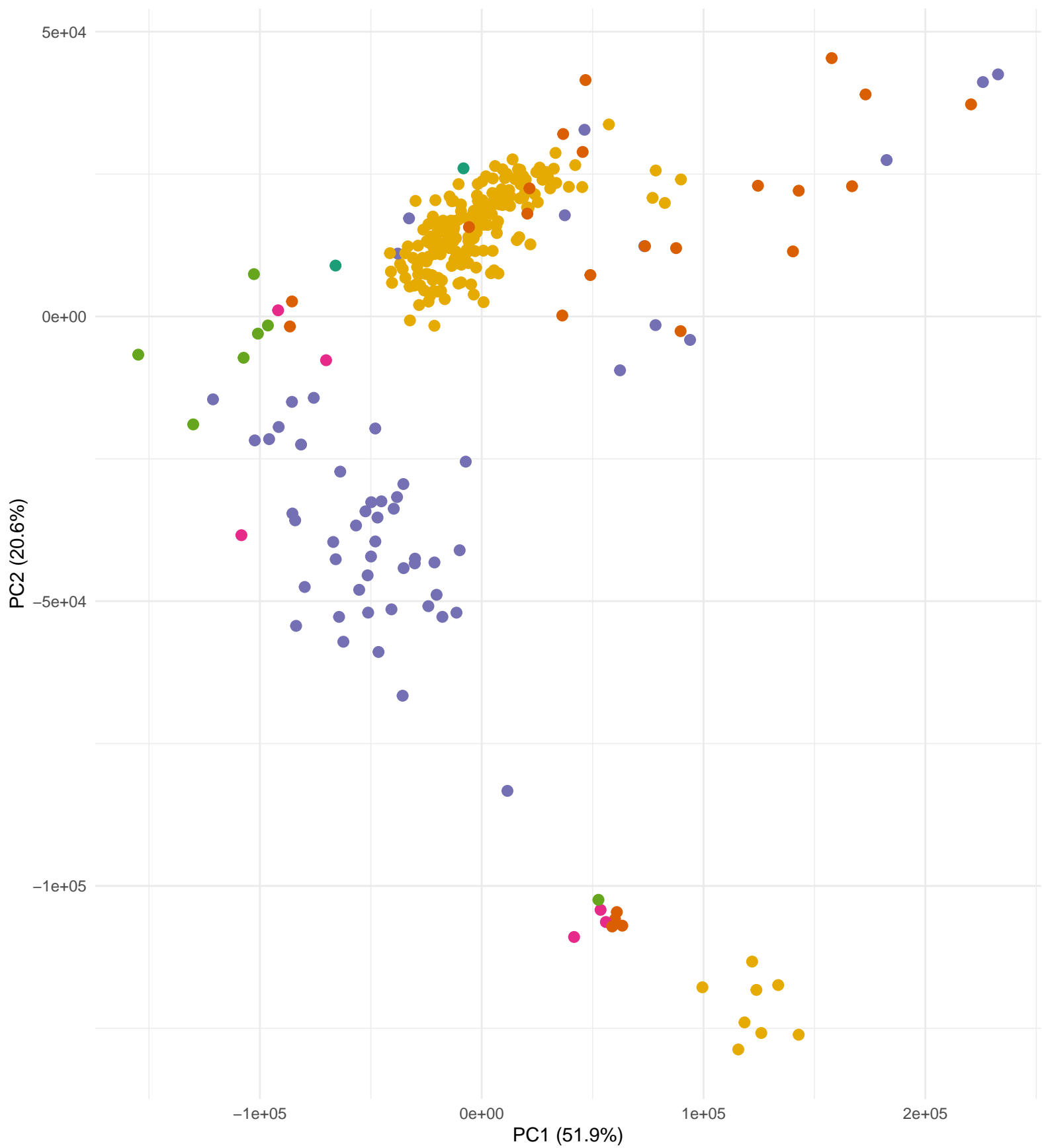
PCA por harmonized tissue type



harmonized tissue type    ●    blood    ●    umbilical cord blood    ●    venous blood



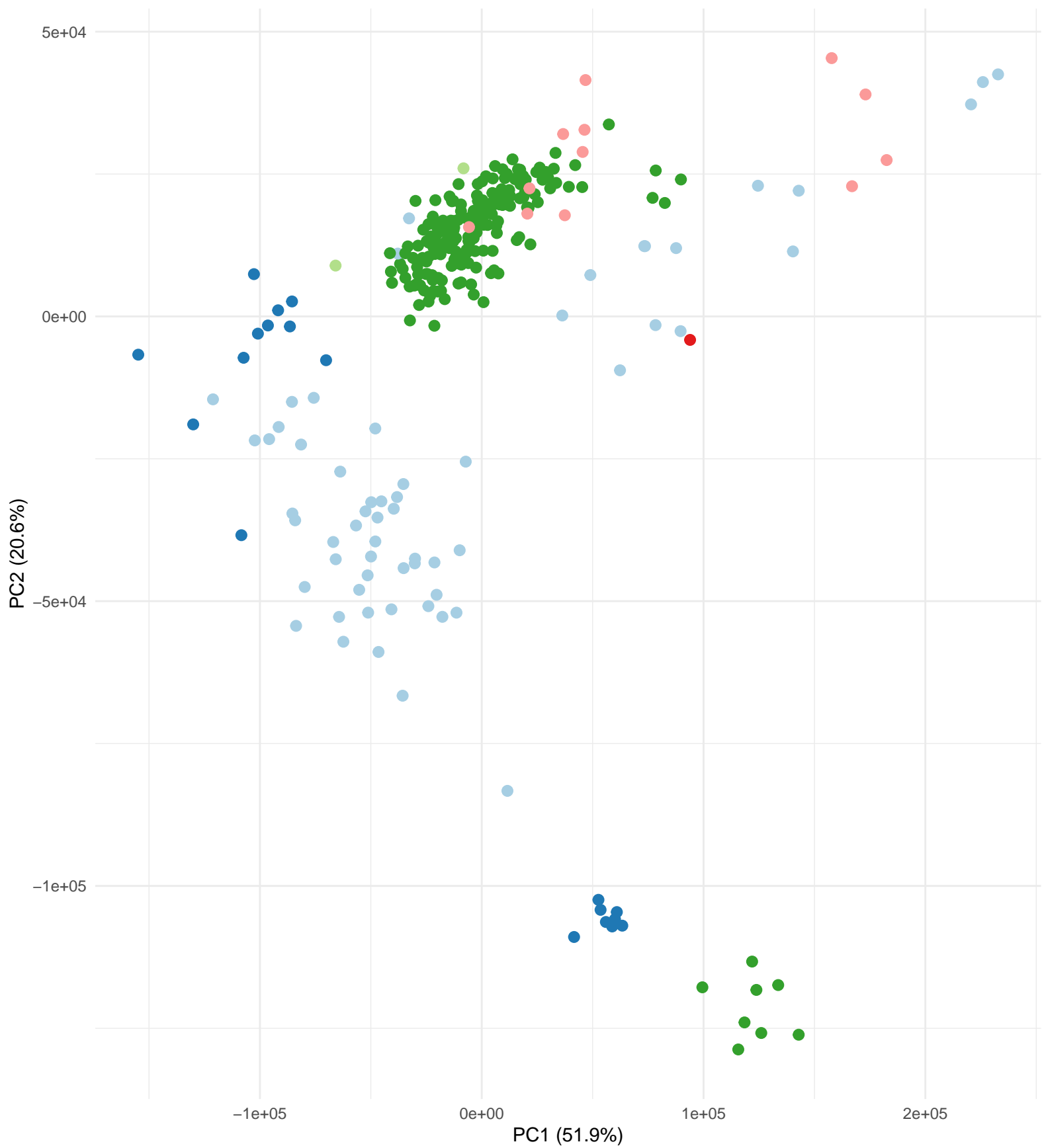
PCA por harmonized sample ontology curie



harmonized sample ontology curie

CL:0000092	CL:0000576	CL:0000890
CL:0000235	CL:0000863	CL:0002057

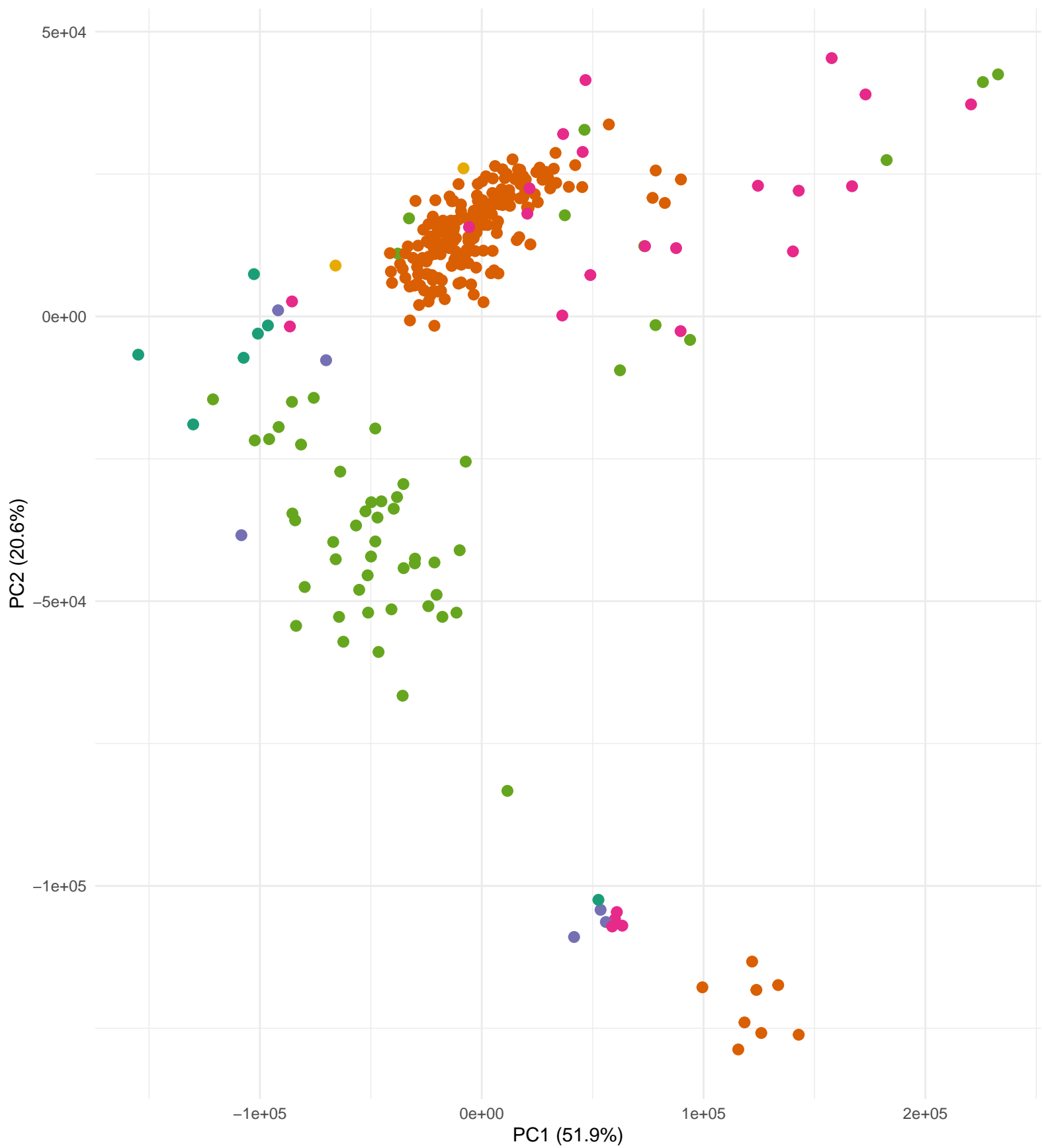
# PCA por harmonized cell markers



harmonized cell markers

- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
- CD14+
- CD14+ CD16-
- CD3- CD19- CD56-
- CD45+ CD34- CD33+ CD11b+ CD14+

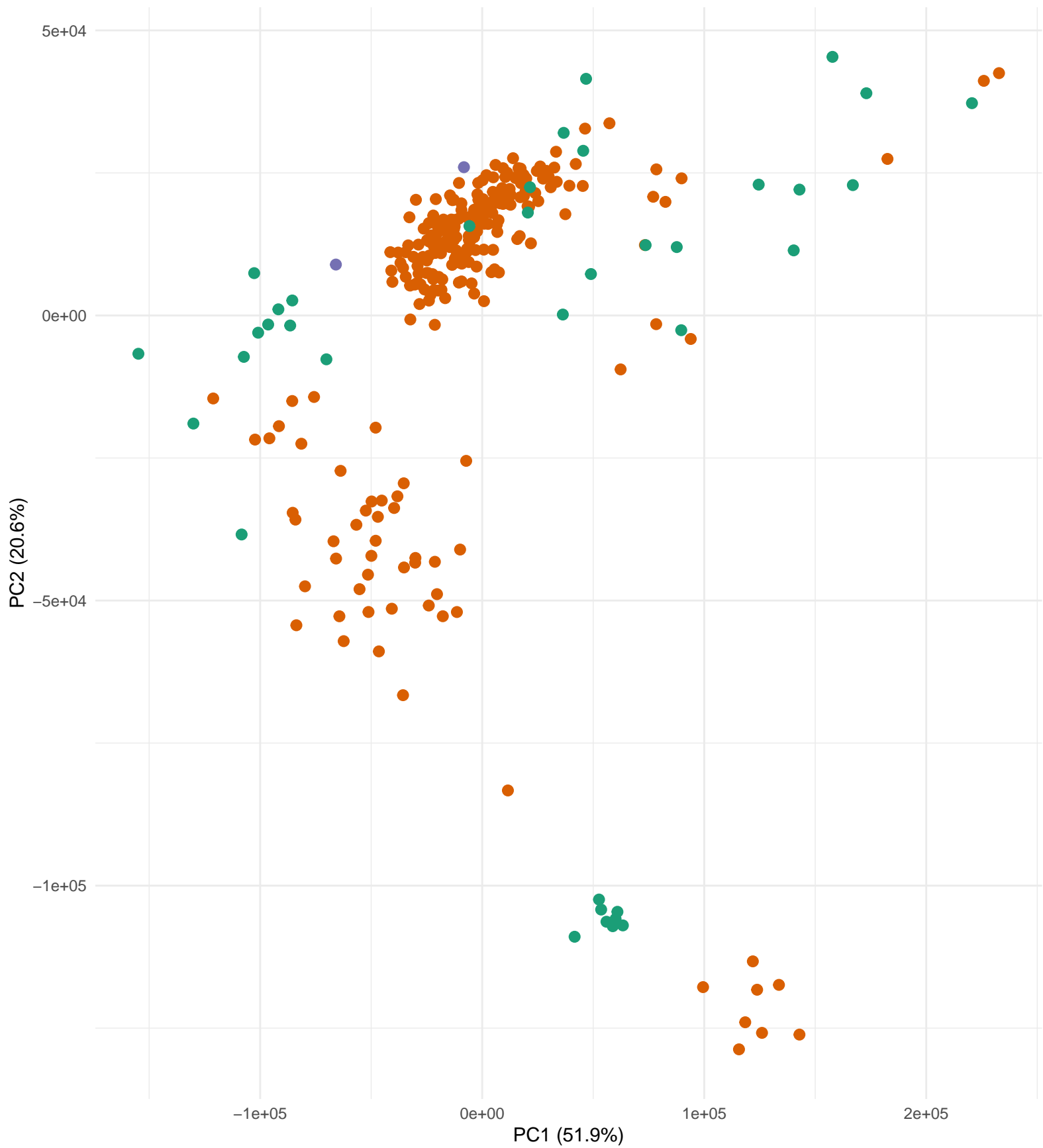
PCA por automated harmonized sample ontology term



automated harmonized sample ontology term

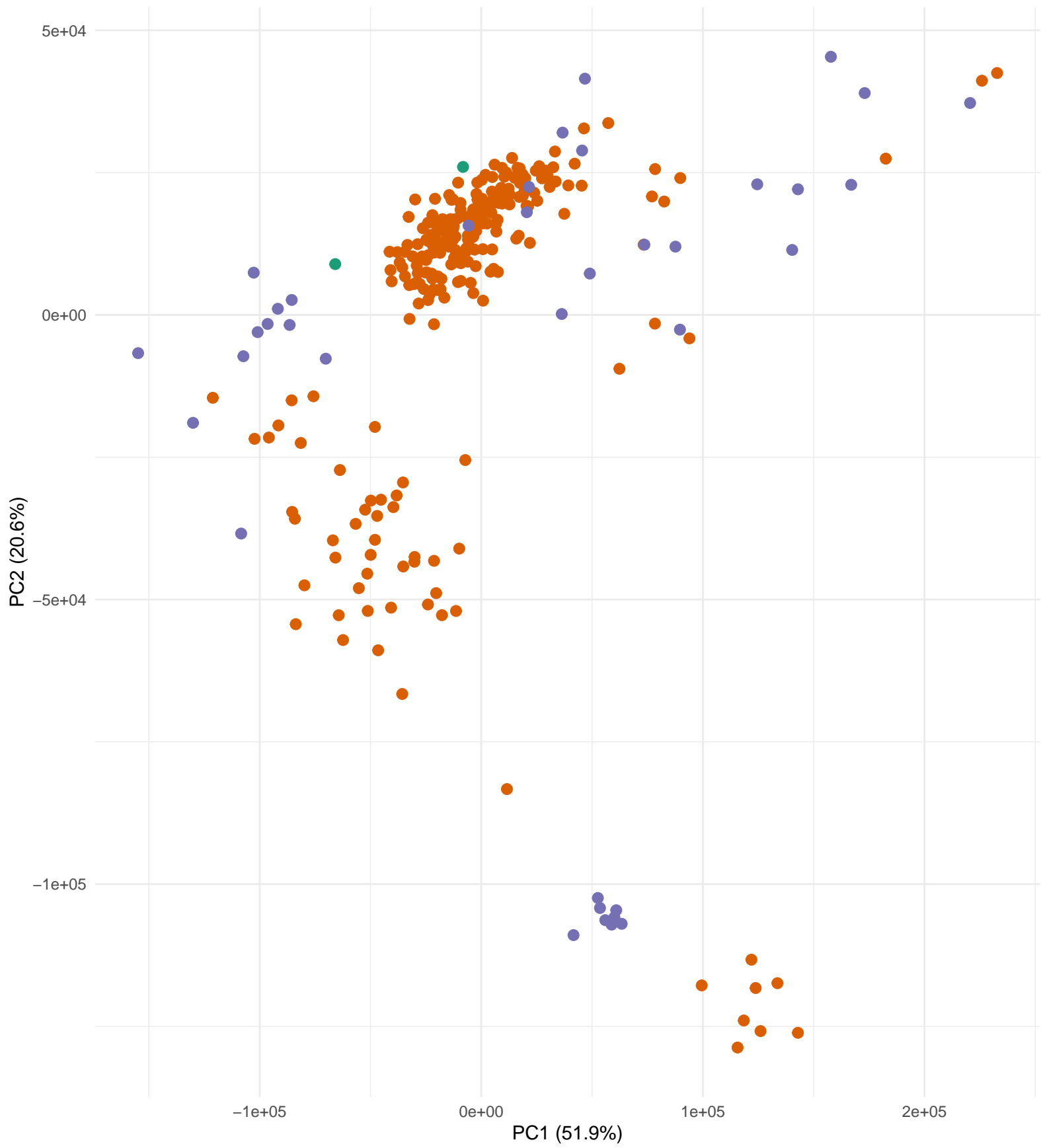
- alternatively activated macrophage
- inflammatory macrophage
- monocyte
- CD14-positive, CD16-negative classical monocyte
- macrophage
- osteoclast

PCA por harmonized sample ontology term high order fig1



harmonized sample ontology term high order fig1    macrophage    monocyte    myeloid cell

PCA por harmonized sample ontology term high order fig1 color



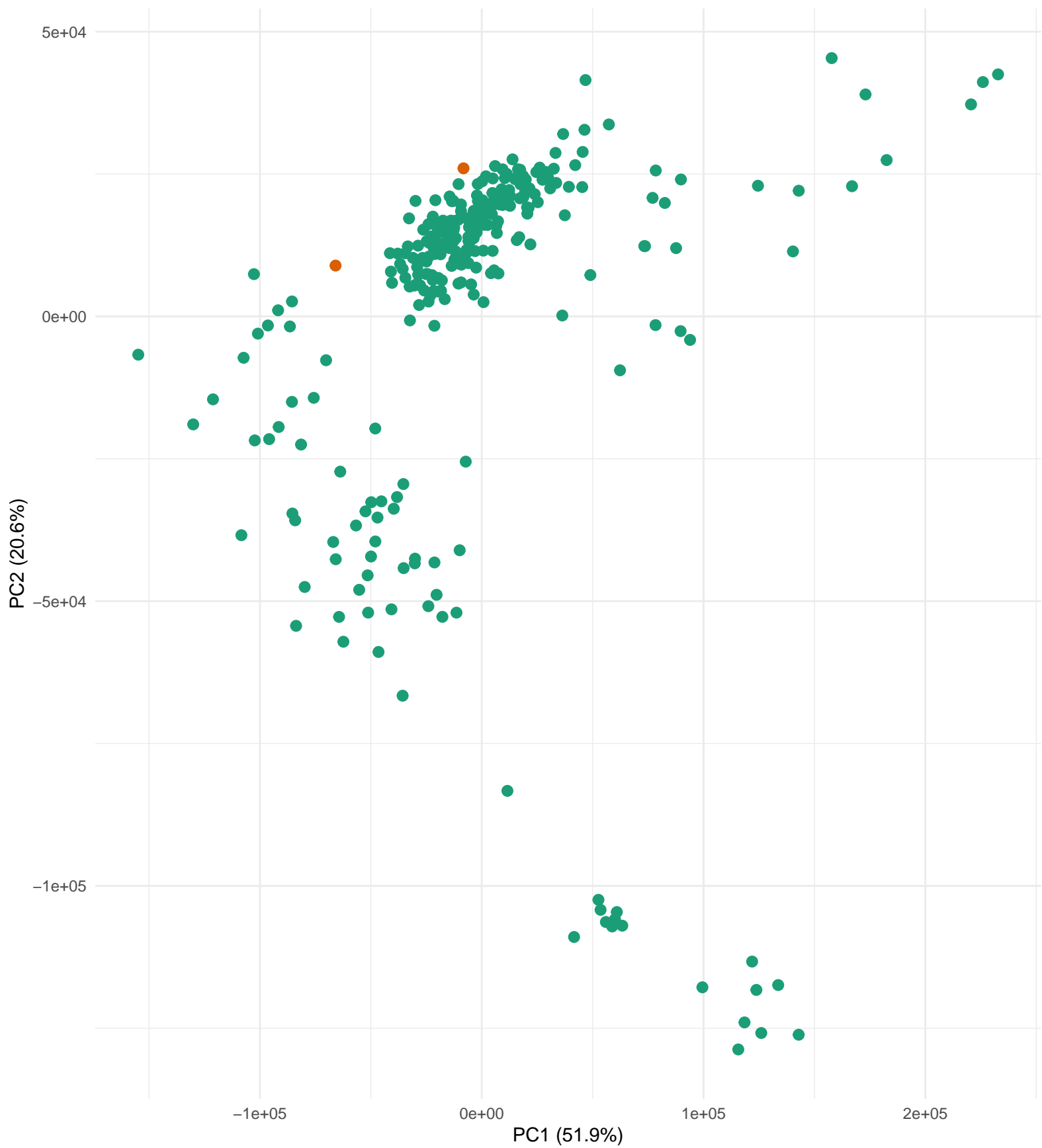
harmonized sample ontology term high order fig1 color

143,81,121

162,90,219

191,134,235

PCA por harmonized sample organ system order AnetaMikulasova

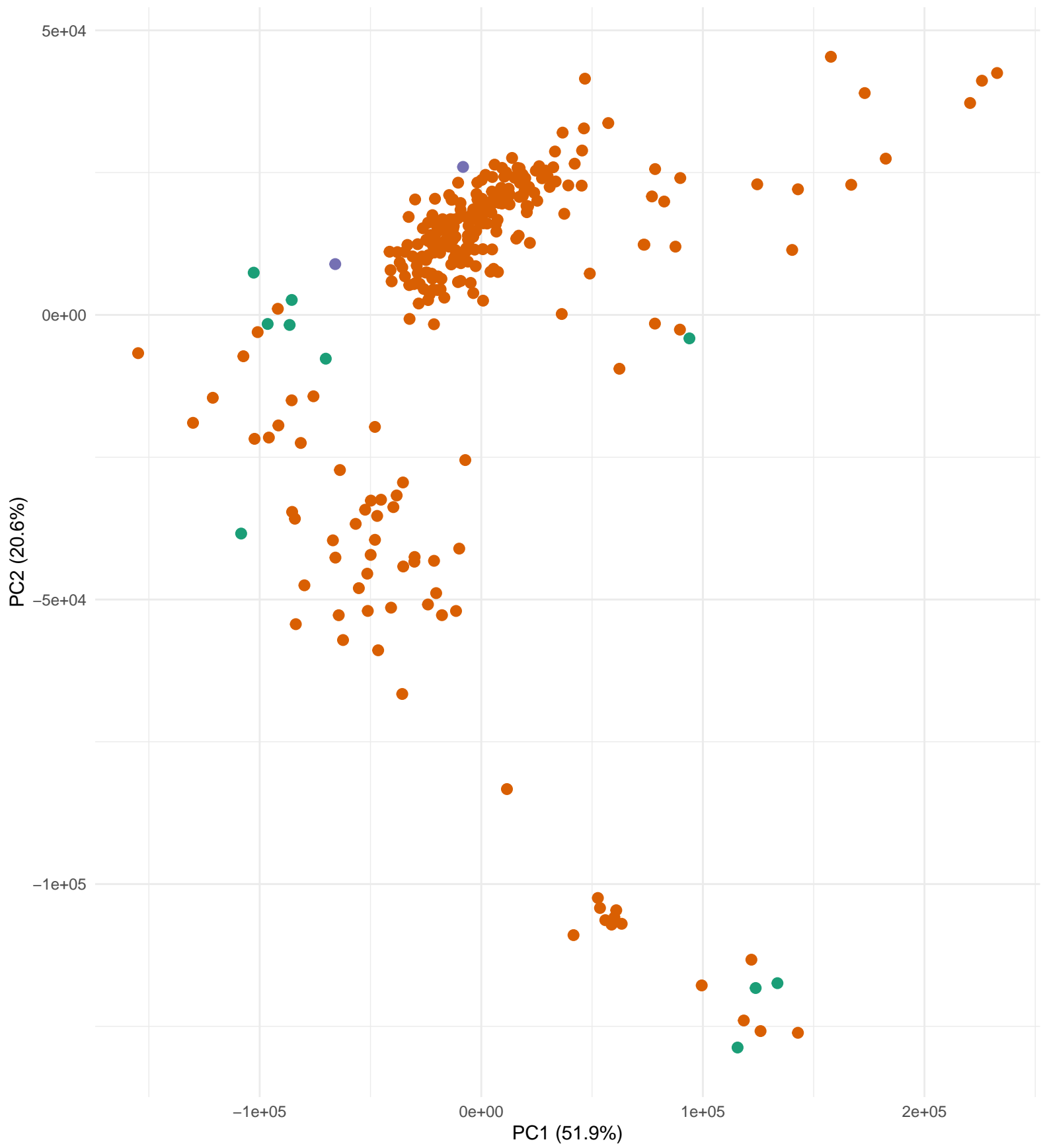


harmonized sample organ system order AnetaMikulasova

Immune System

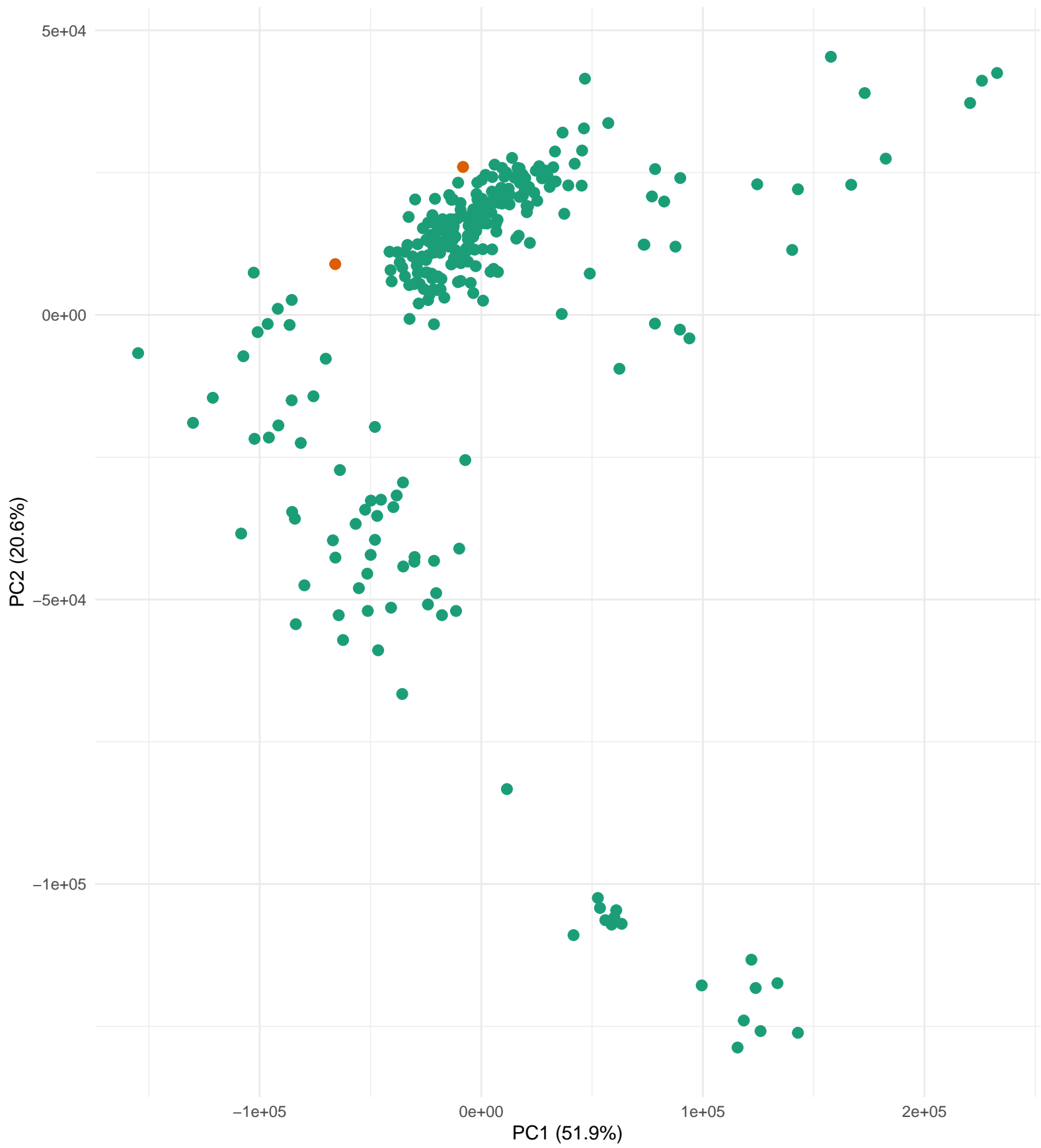
Skeletal

PCA por harmonized sample organ order AnetaMikulasova



harmonized sample organ order AnetaMikulasova    blood-umbilical-cord    blood-venous    bone

PCA por harmonized sample organ part or lineage order AnetaMikulasova



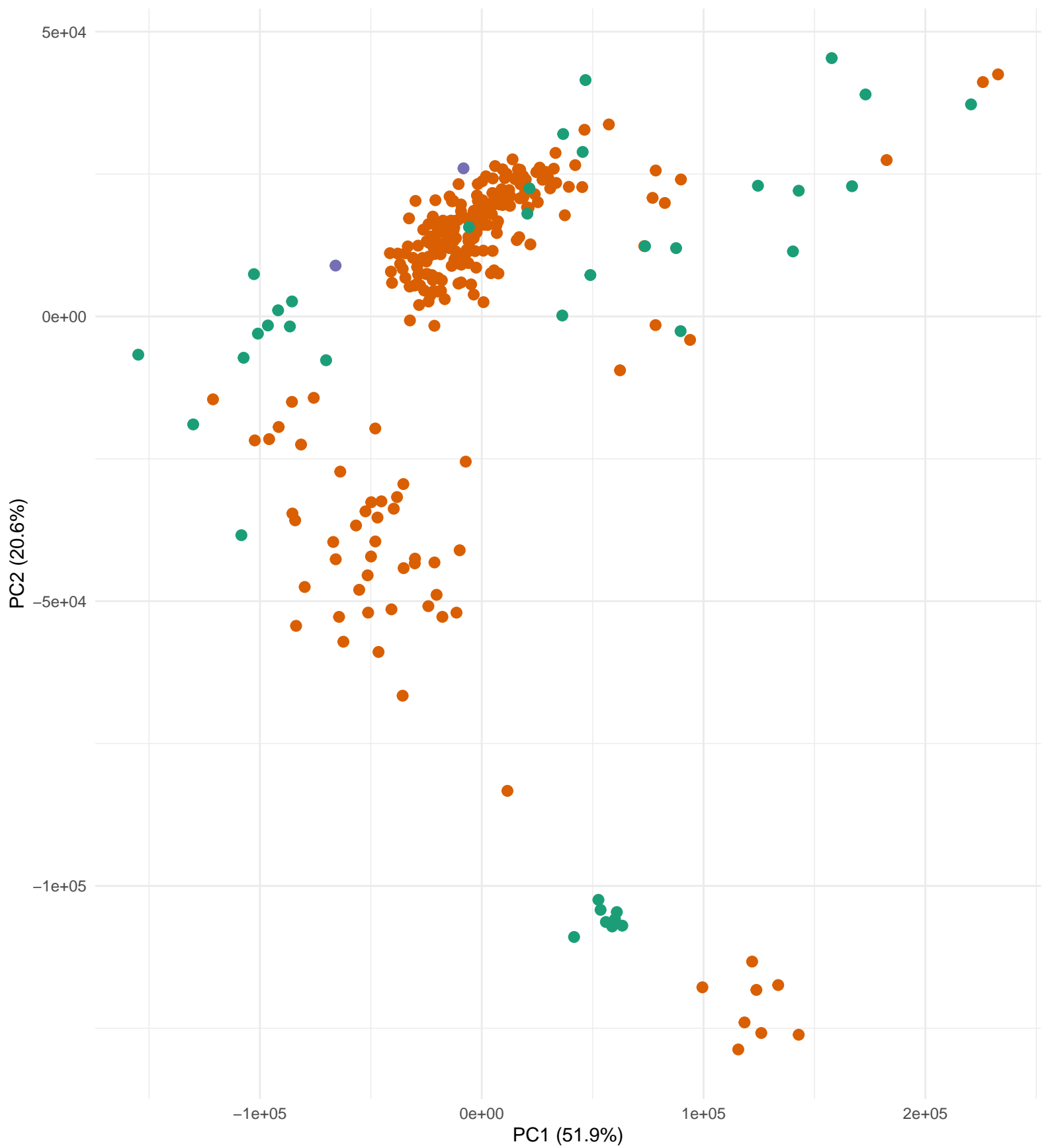
harmonized sample organ part or lineage order AnetaMikulasova

myeloid

x

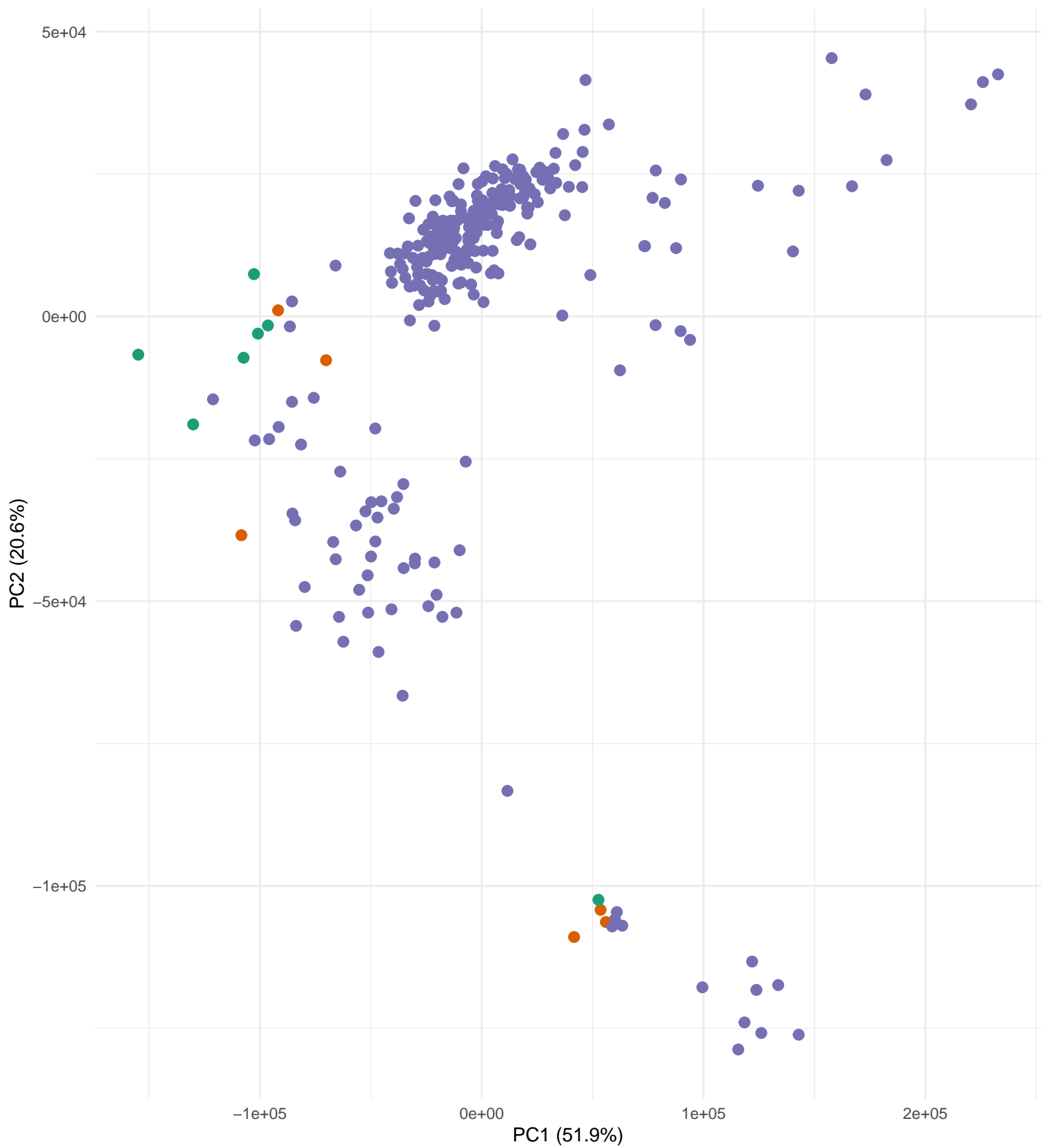


PCA por harmonized sample cell order AnetaMikulasova



harmonized sample cell order AnetaMikulasova    macrophage    monocyte    osteoclast

PCA por harmonized sample cell 2 order AnetaMikulasova



harmonized sample cell 2 order AnetaMikulasova



alternatively-activated

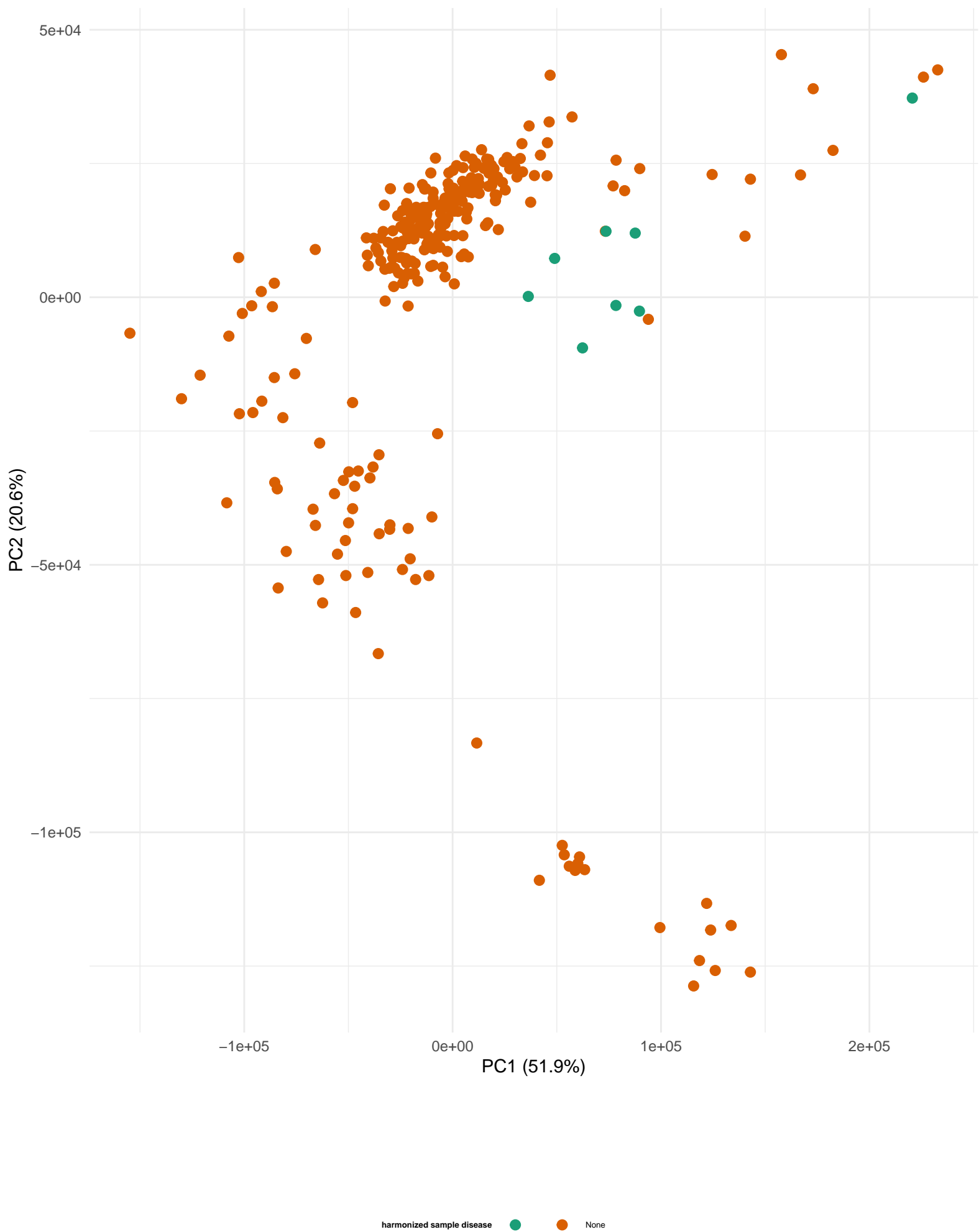


inflammatory

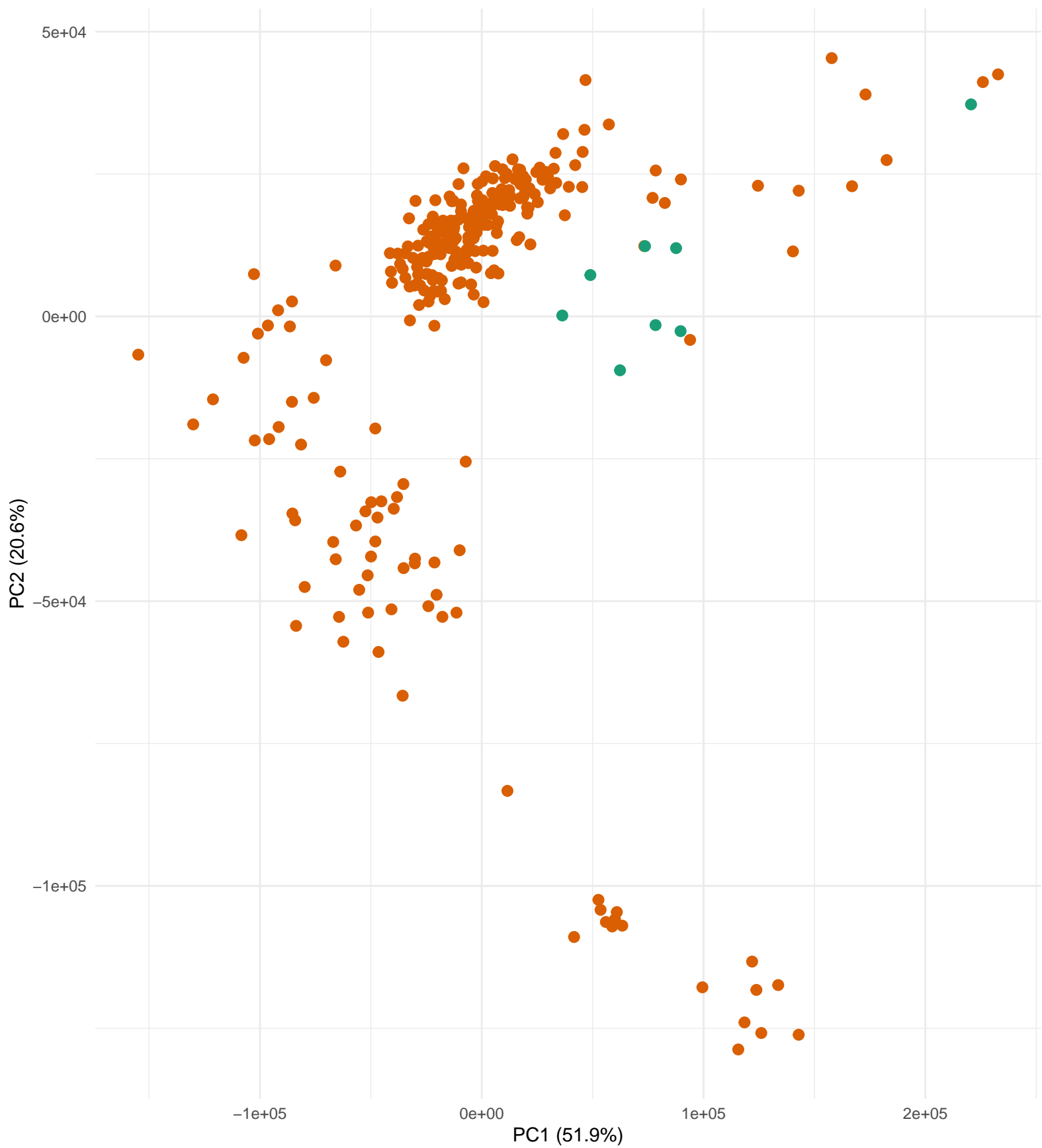


x

PCA por harmonized sample disease

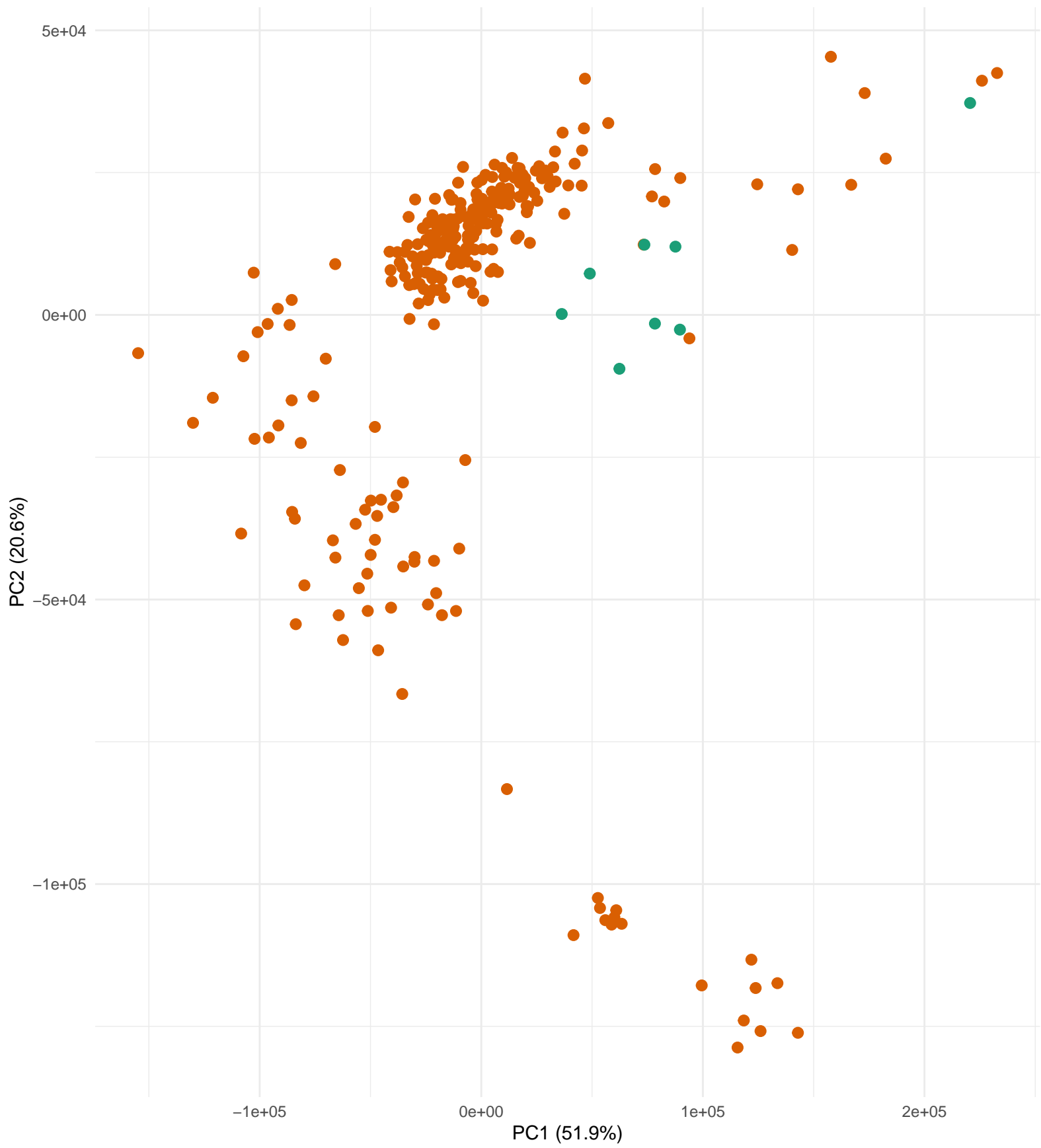


PCA por harmonized sample disease ontology curie



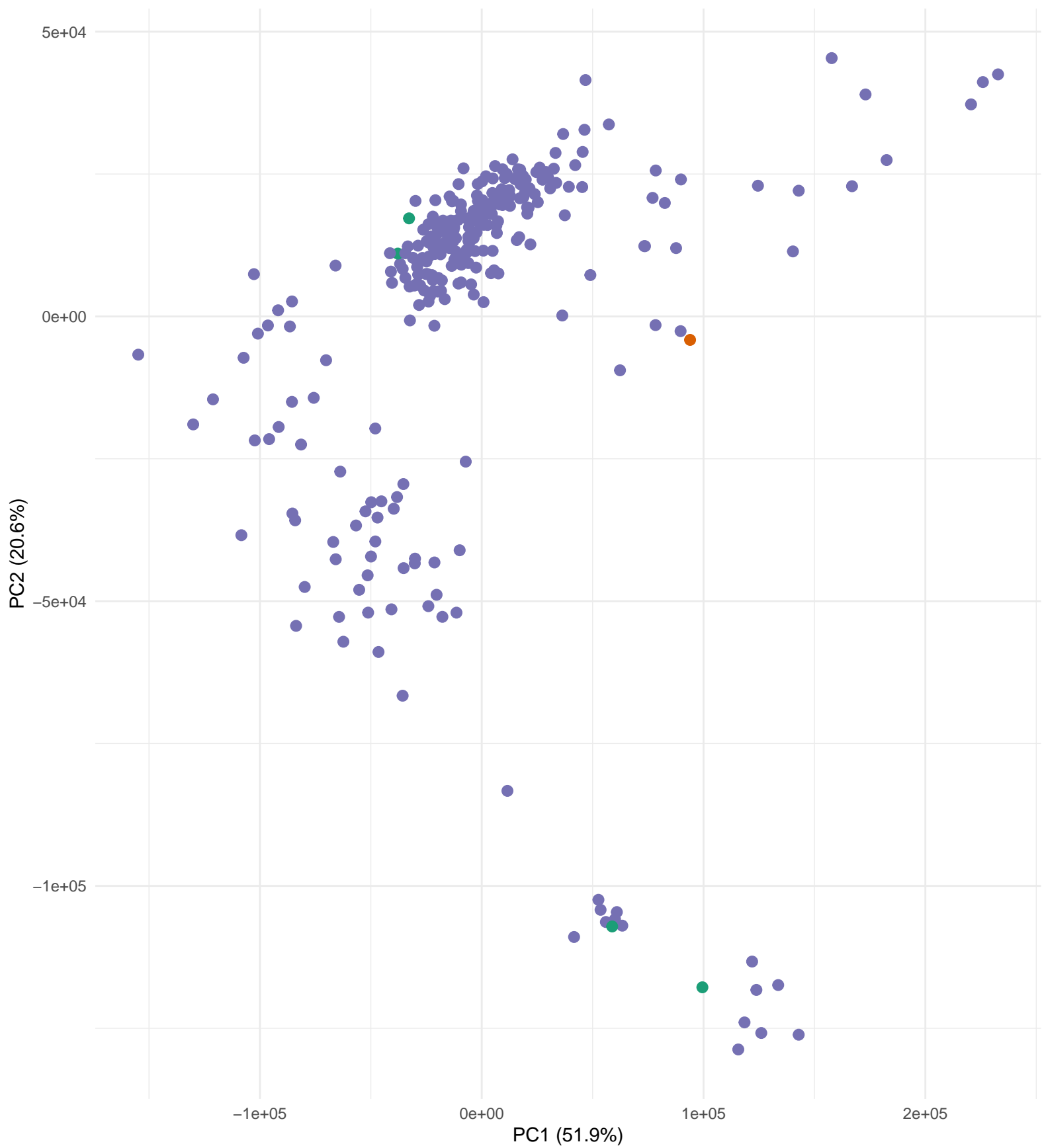
harmonized sample disease ontology curie    ●    ●    NCIM:C0549184

PCA por automated harmonized sample disease ontology curie ncit



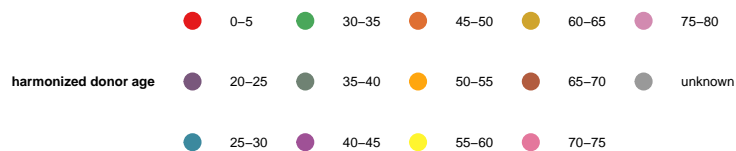
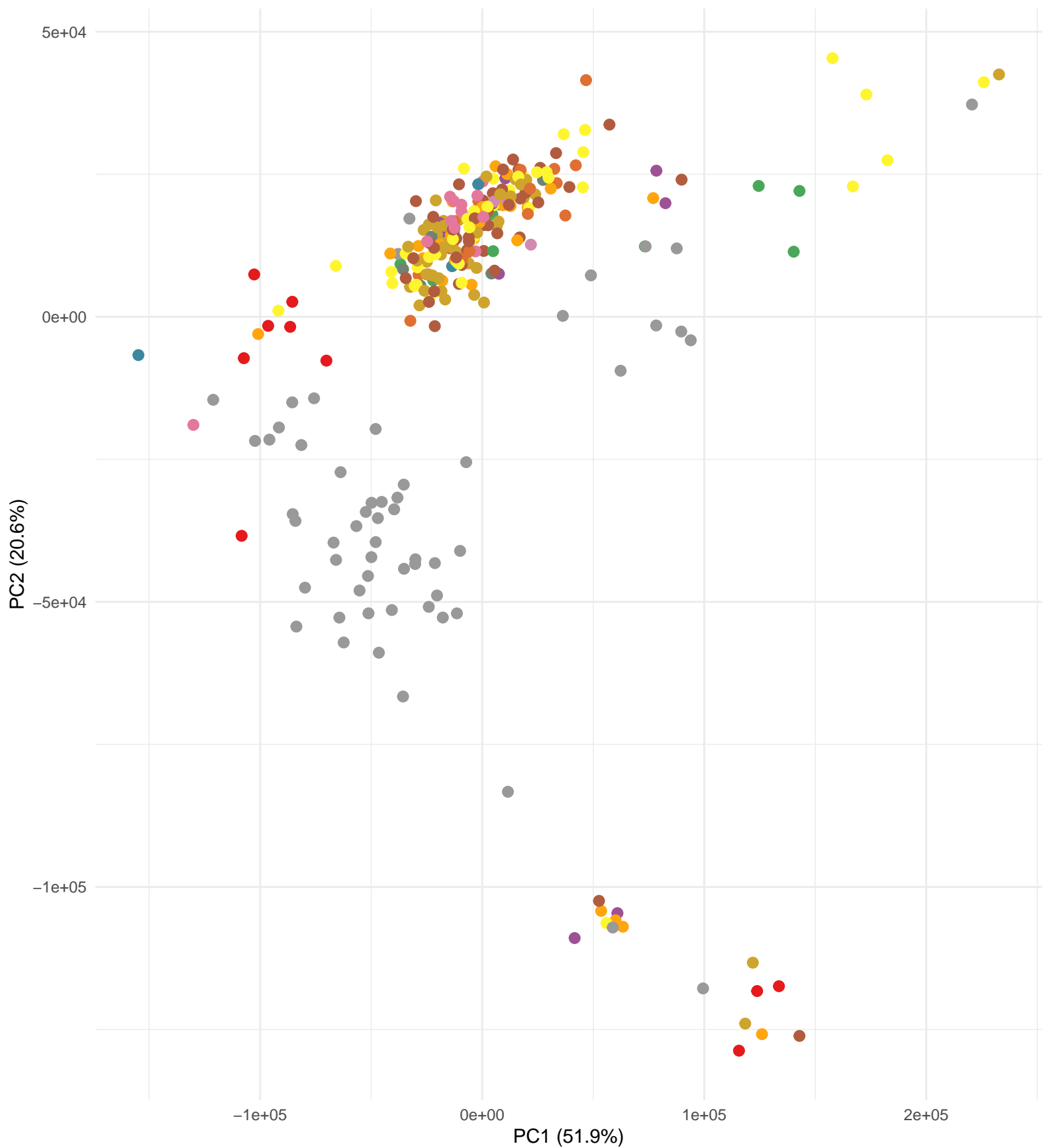
automated harmonized sample disease ontology curie ncit    ●    ●    NCIT:C41132

### PCA por harmonized donor type

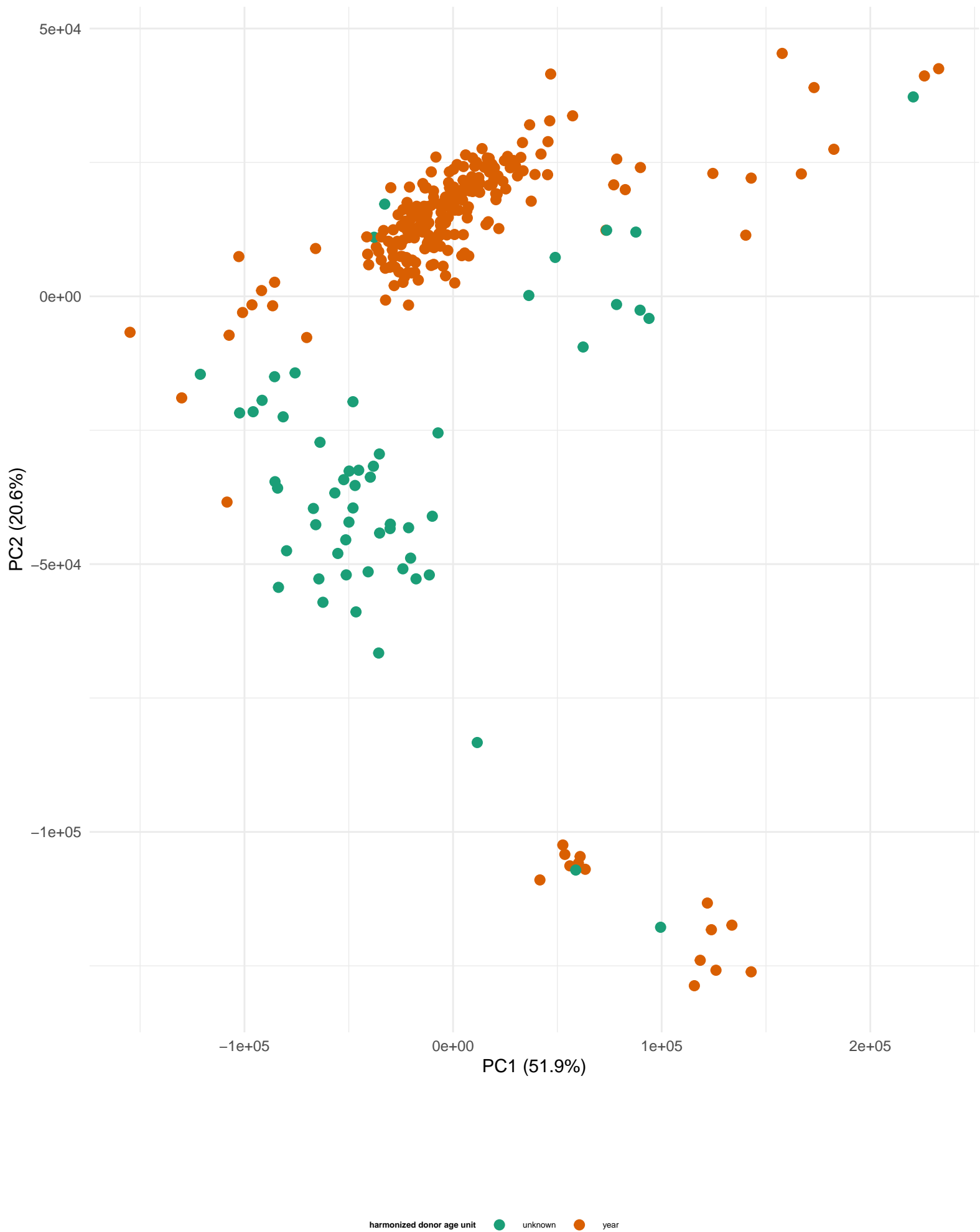


harmonized donor type    Composite    Pooled samples    Single donor

PCA por harmonized donor age

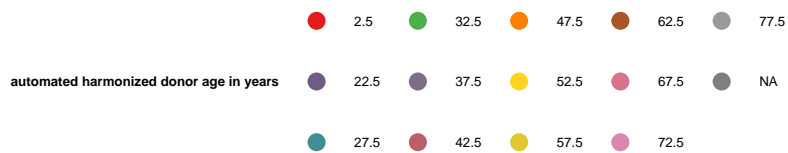
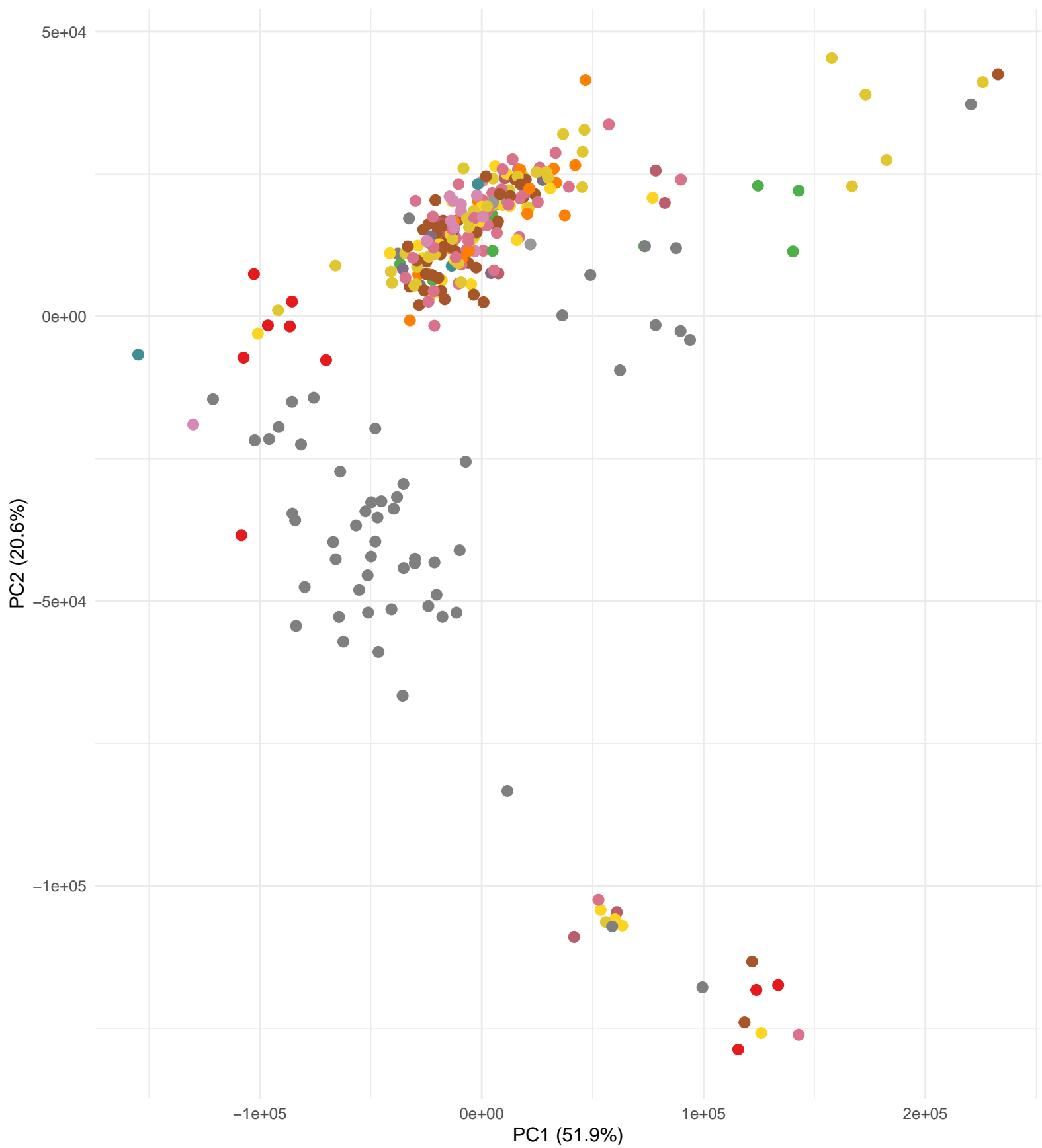


PCA por harmonized donor age unit



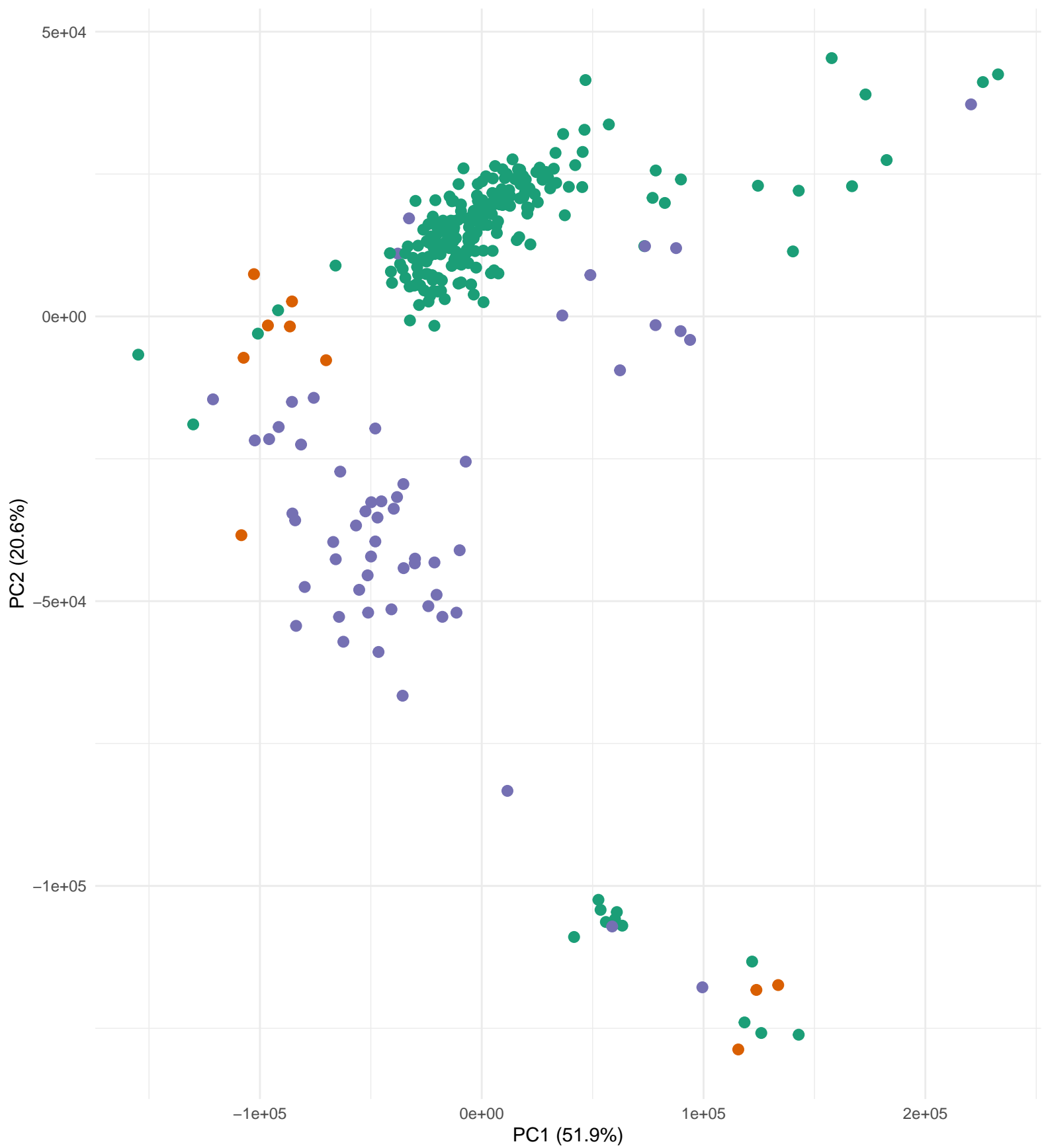


PCA por automated harmonized donor age in years



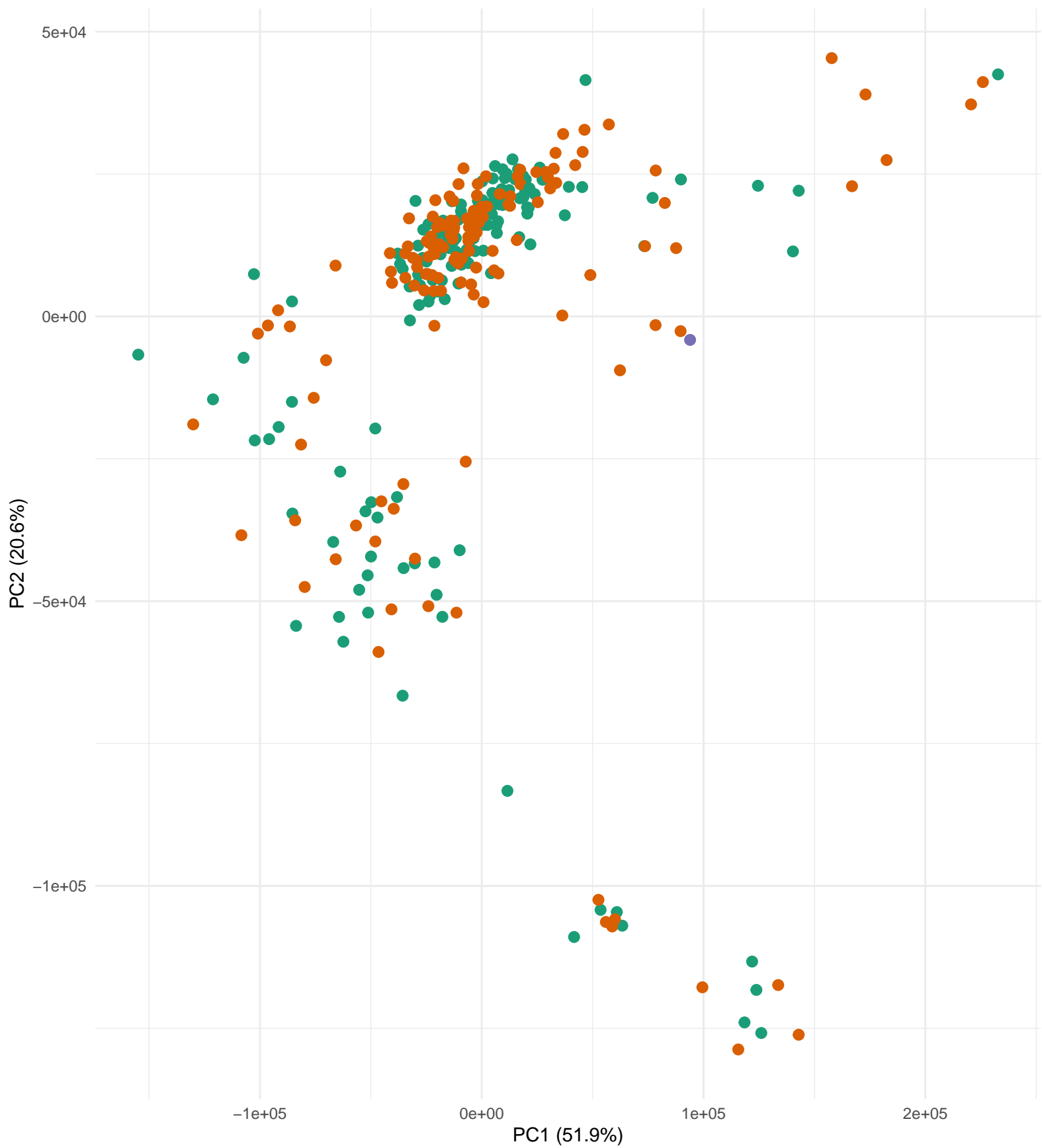


### PCA por harmonized donor life stage uncorrected

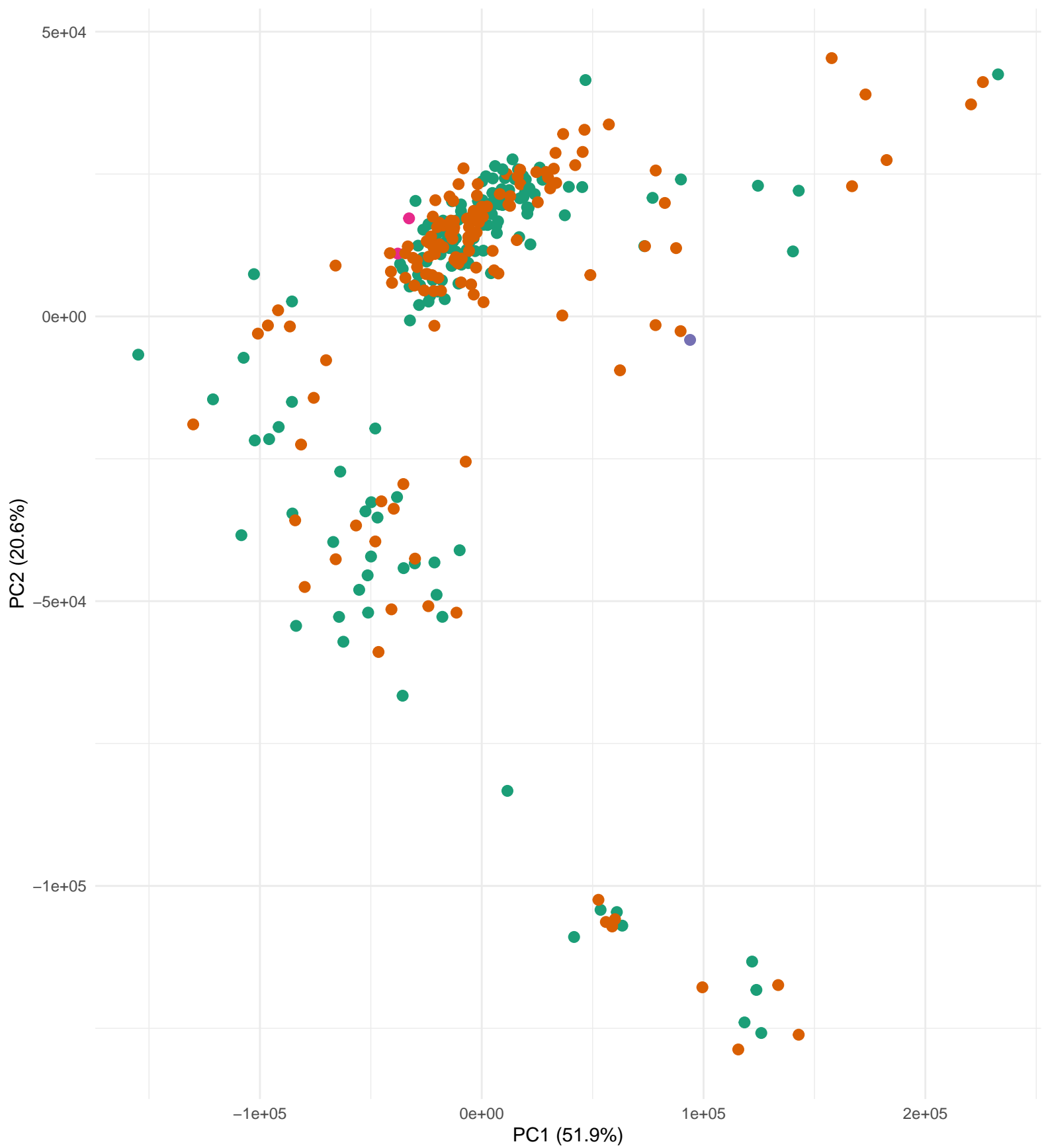


harmonized donor life stage uncorrected ● adult ● child ● unknown

PCA por harmonized donor sex

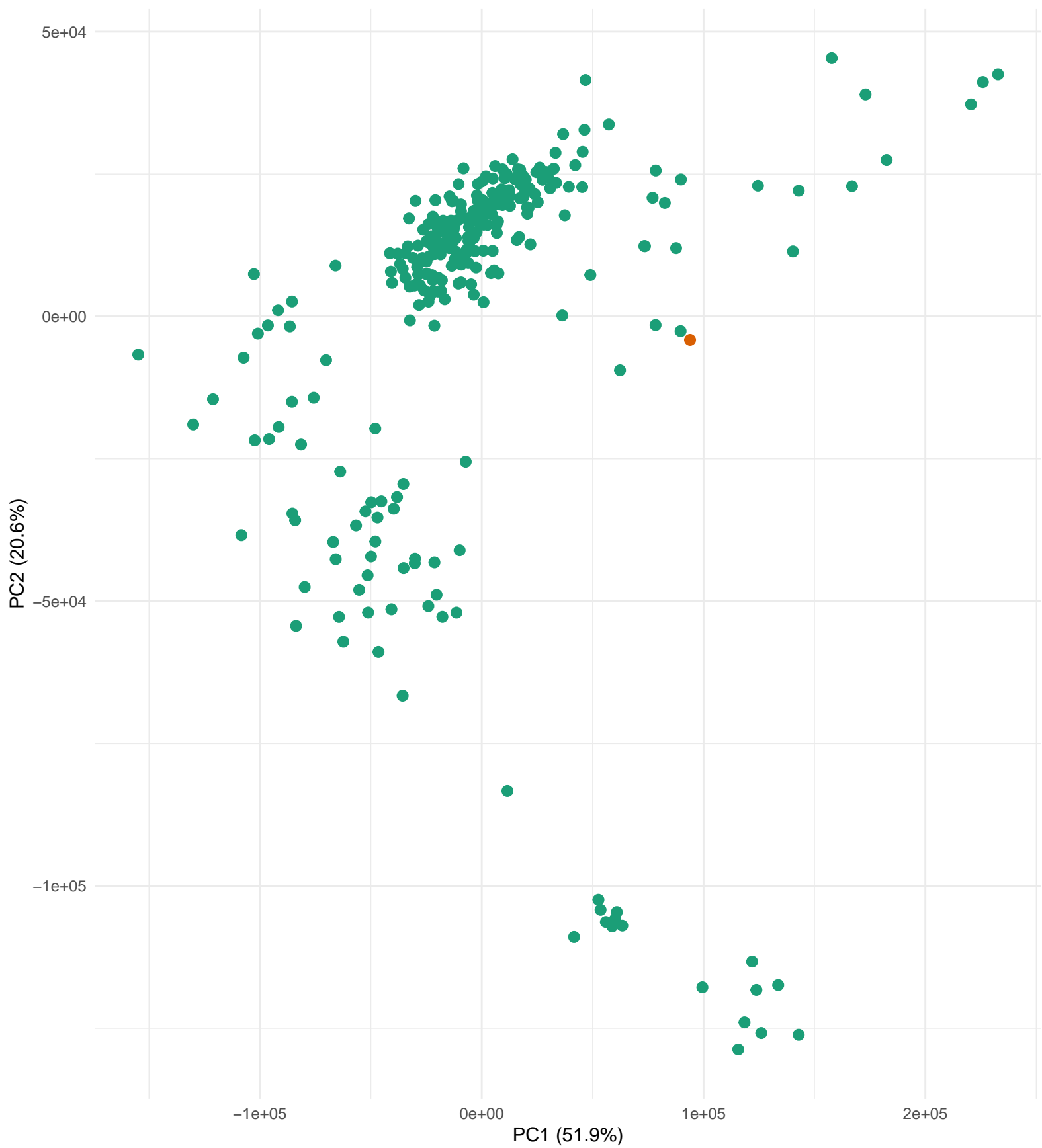


PCA por harmonized donor sex uncorrected



harmonized donor sex uncorrected female male mixed unknown

PCA por harmonized donor health status

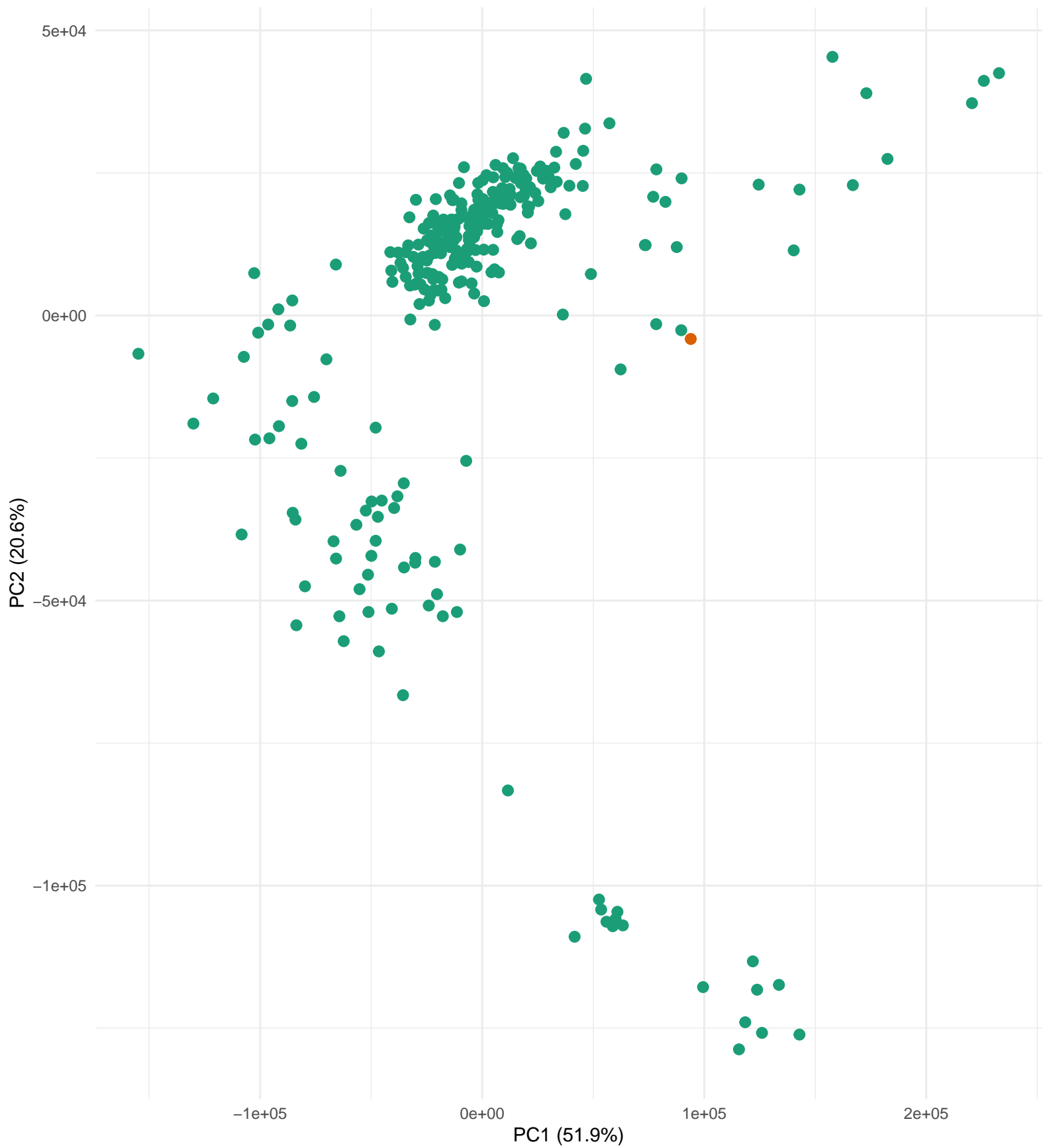


harmonized donor health status



None

PCA por harmonized donor health status ontology curie

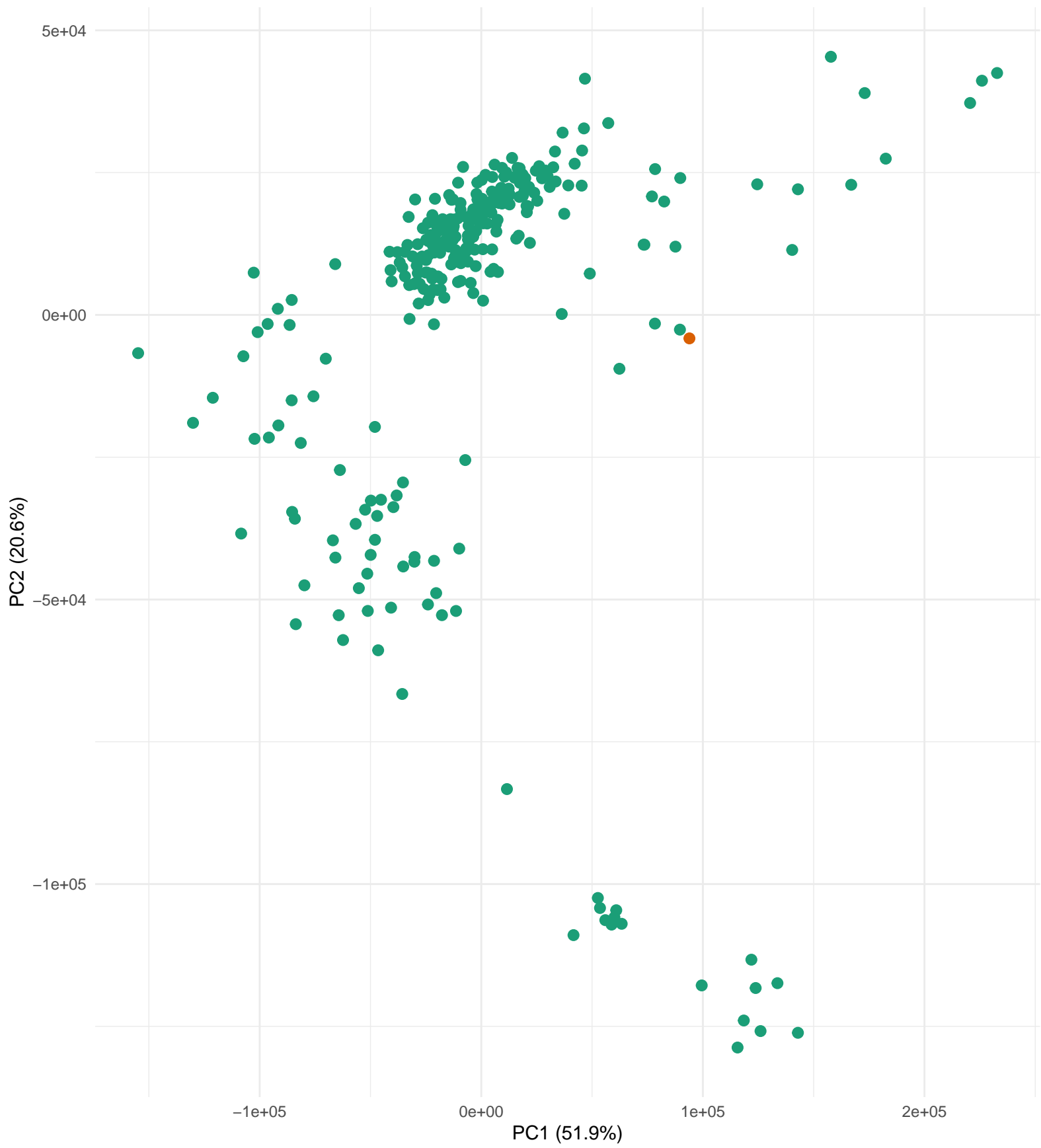


harmonized donor health status ontology curie



NCIM:C0549184

PCA por automated harmonized donor health status ontology curie ncit



automated harmonized donor health status ontology curie ncit



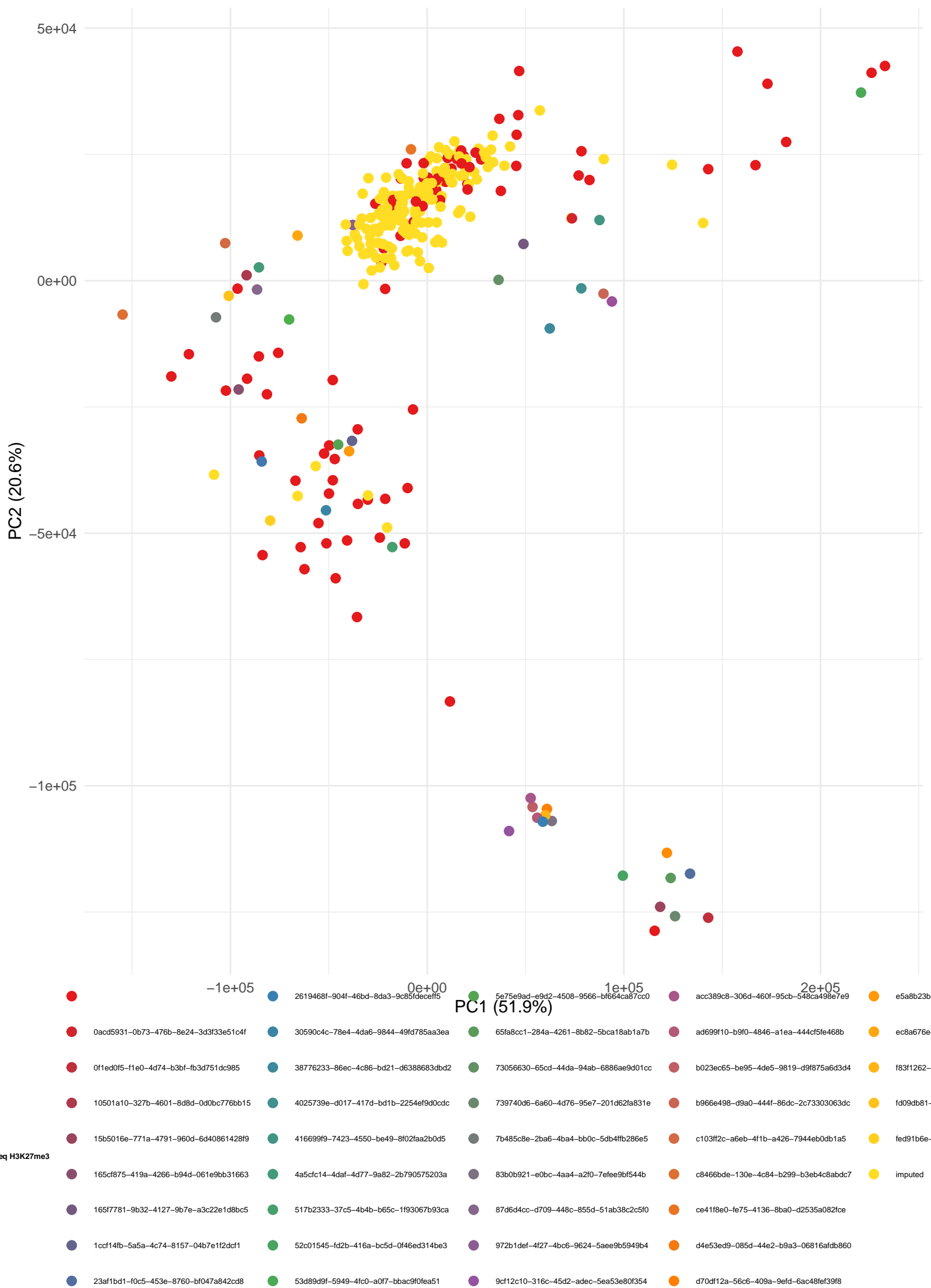
NCIT:C41132



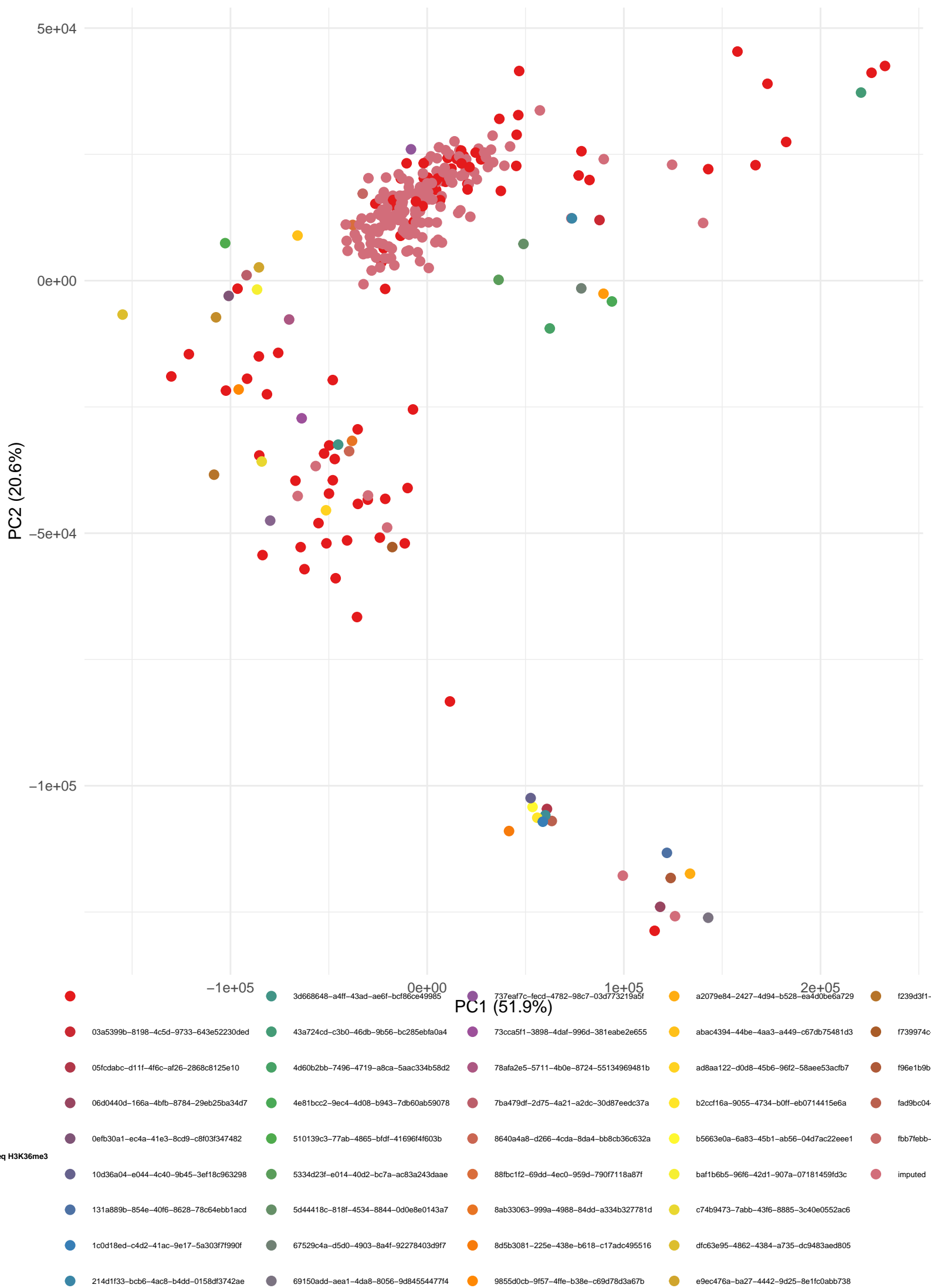
PCA por automated experiments ChIP-Seq H3K27ac



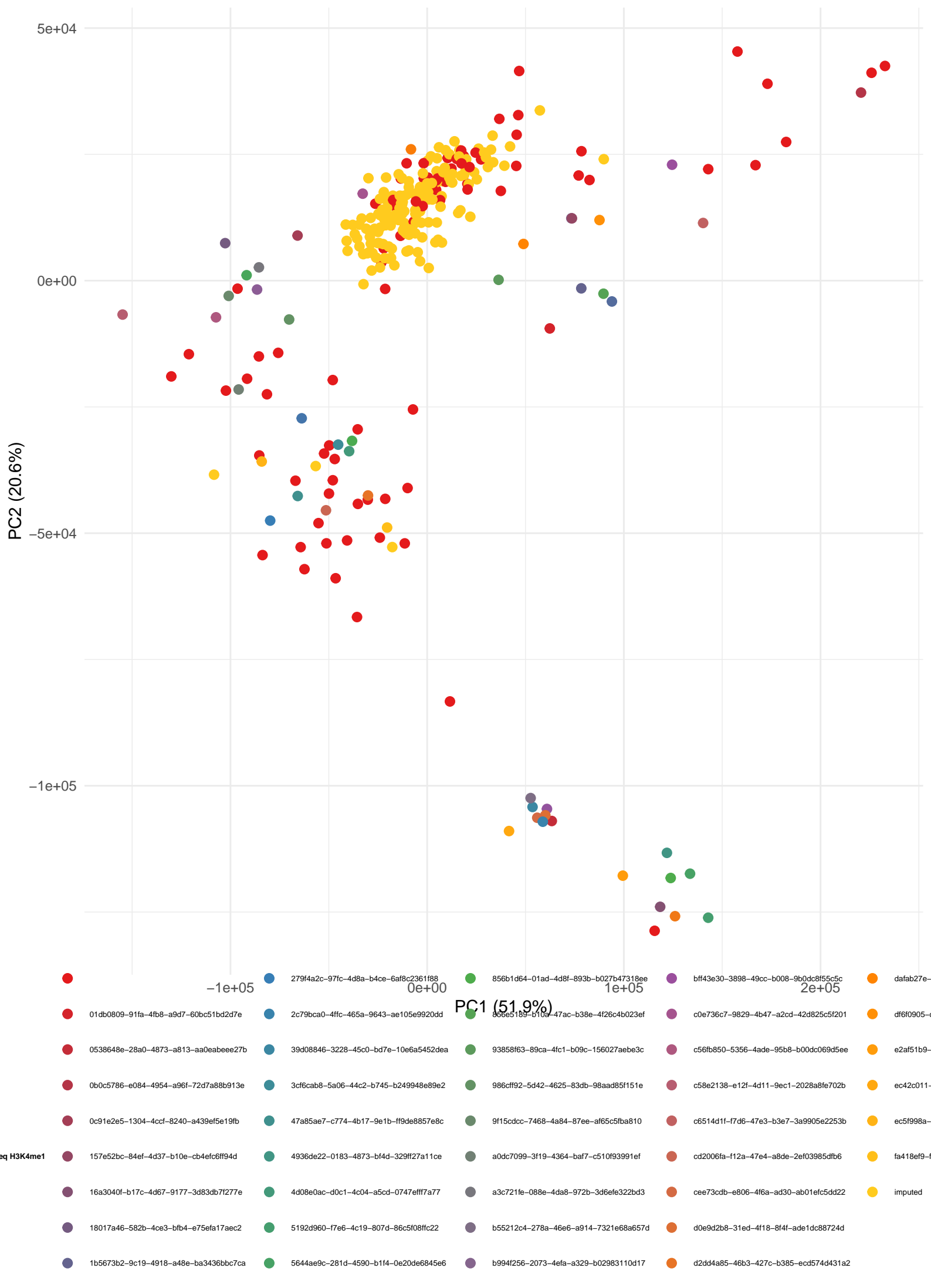
# PCA por automated experiments ChIP–Seq H3K27me3



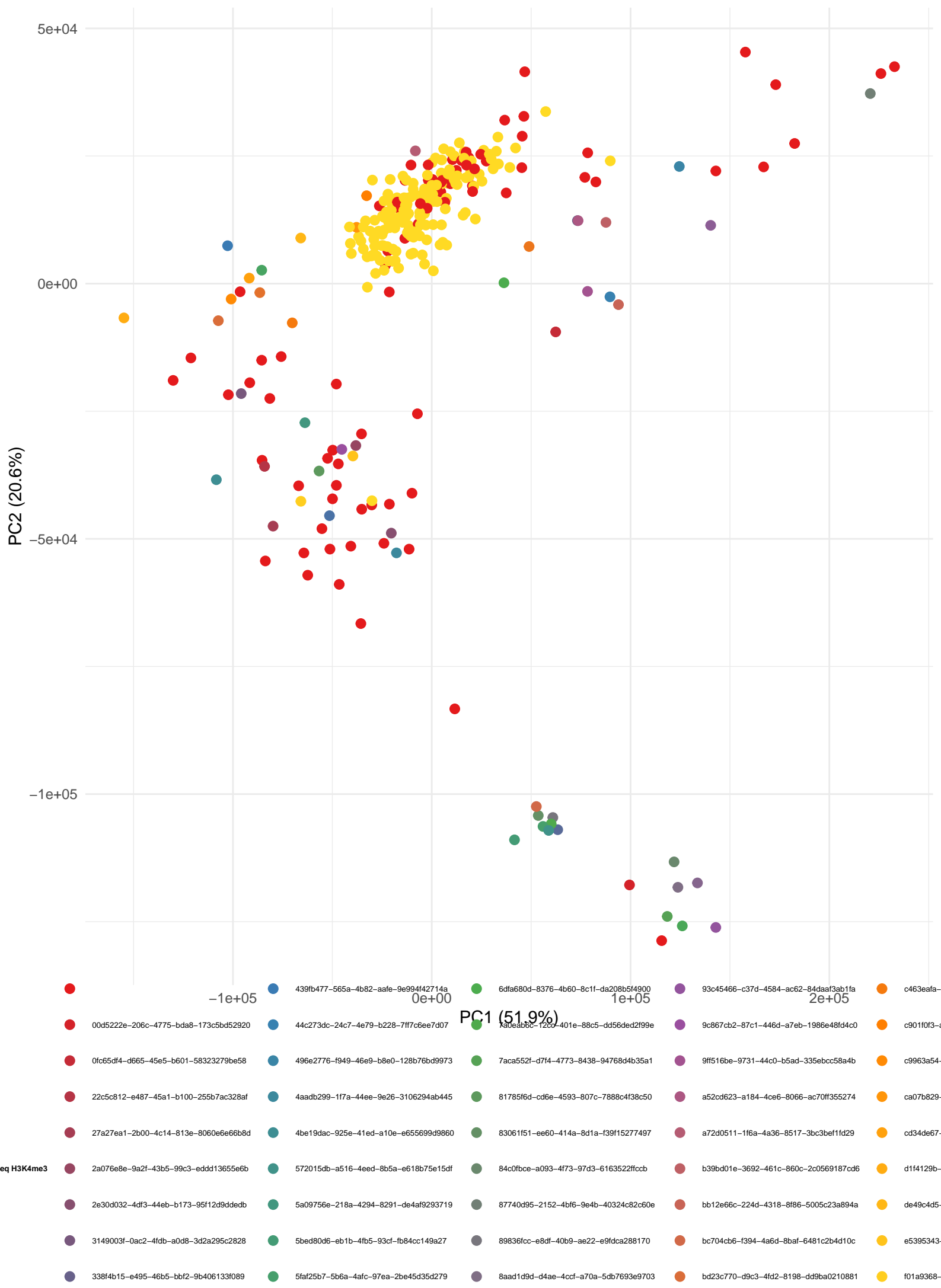
# PCA por automated experiments ChIP–Seq H3K36me3



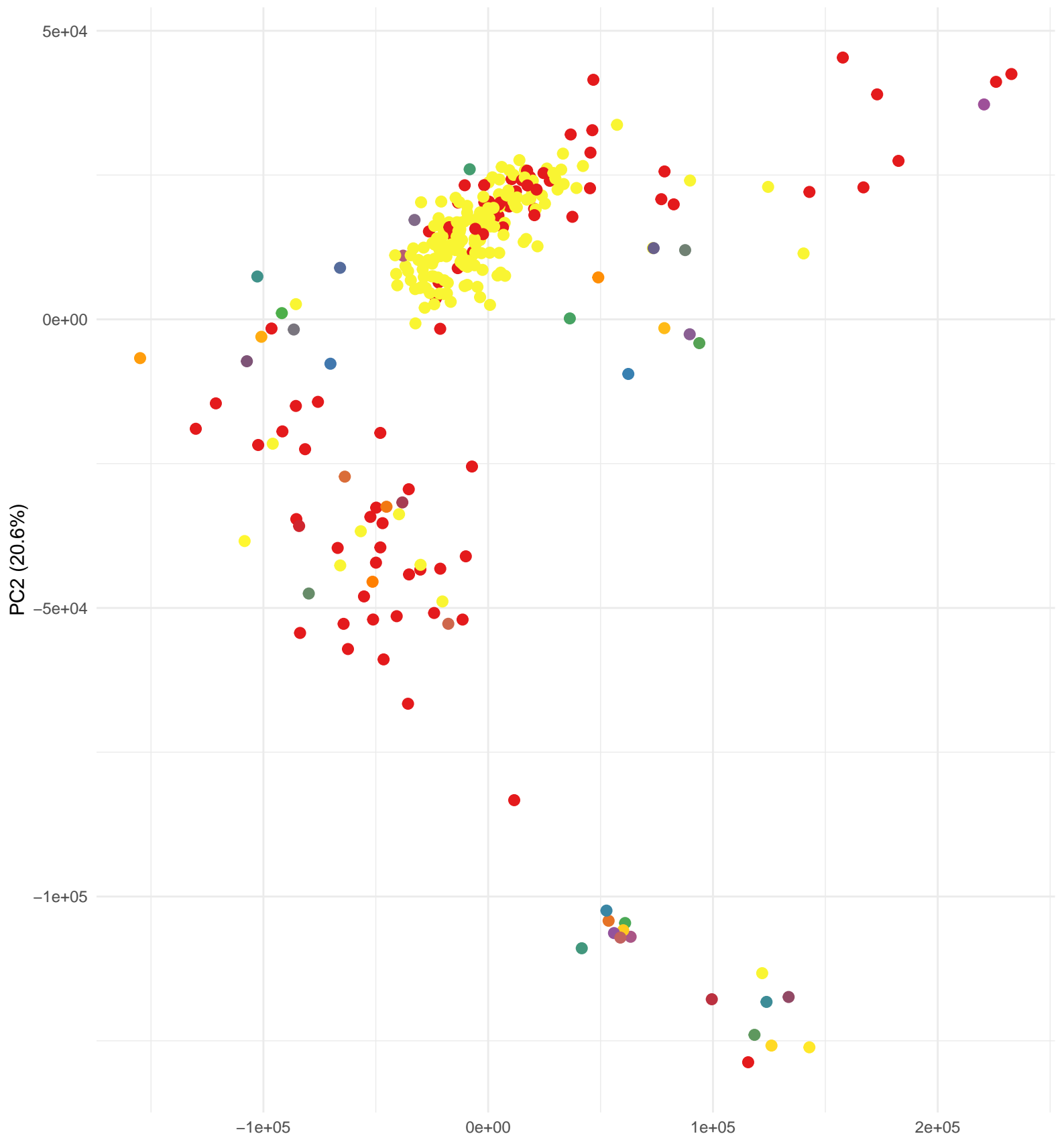
# PCA por automated experiments ChIP-Seq H3K4me1



# PCA por automated experiments ChIP-Seq H3K4me3

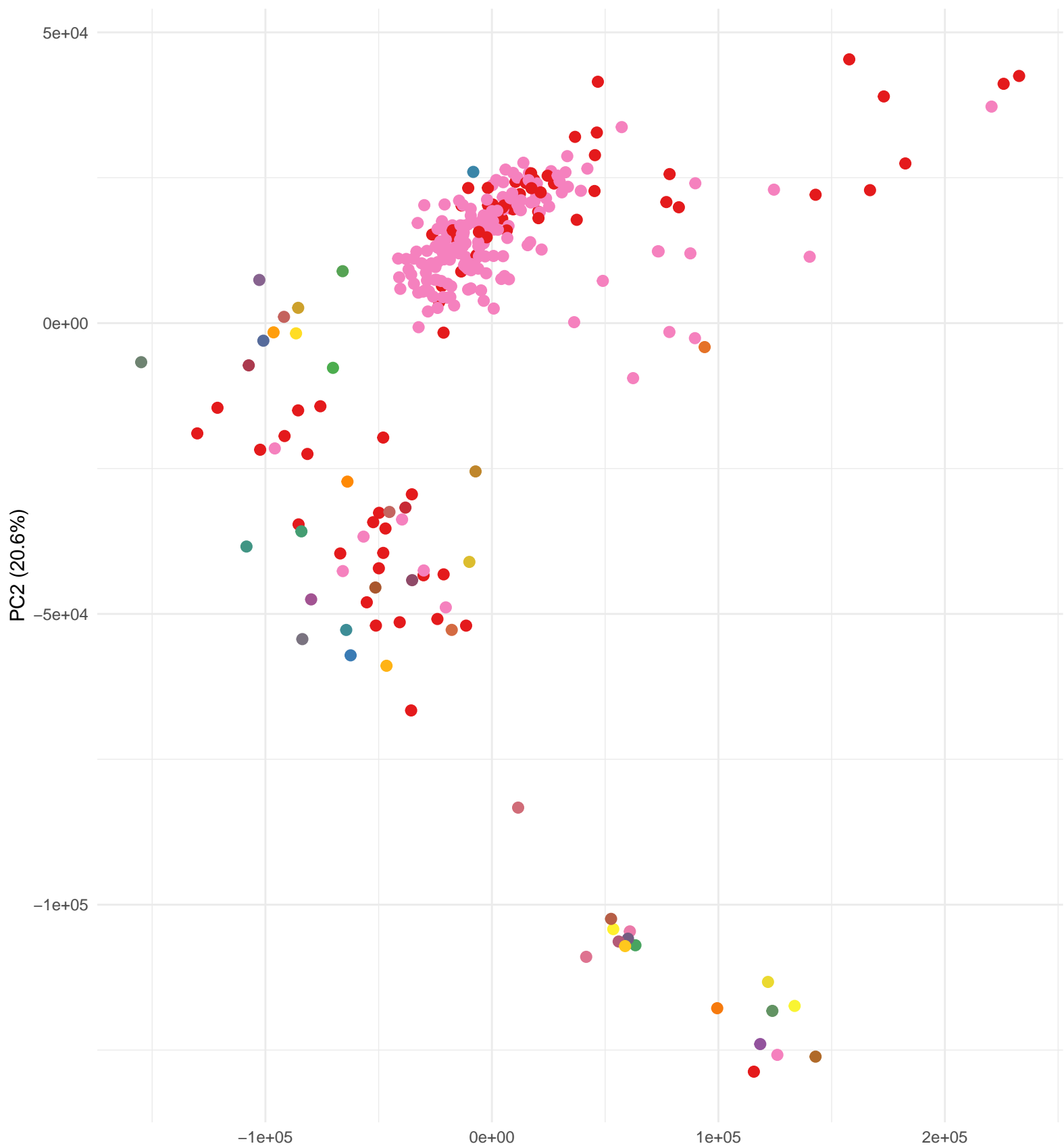


# PCA por automated experiments ChIP-Seq H3K9me3



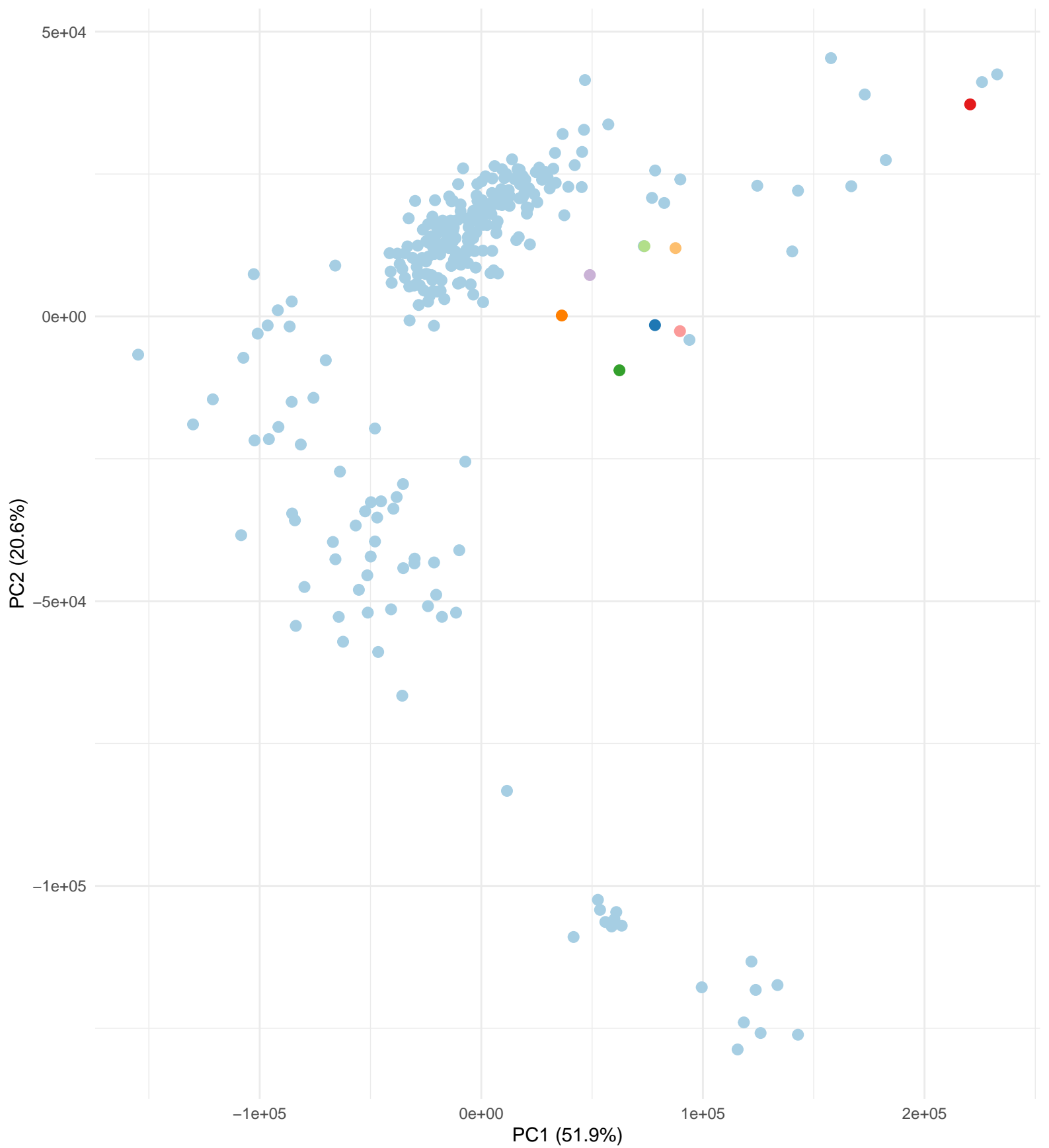
		1eb5c9a6-e661-4c11-8e25-f4766fa2f43d	70bce92-a409-47d7-a9a6-d9def918e2ee	94ad3781-f8aa-4d56-830a-df16a910858c	ad6f214b-
	01056fa5-2189-424c-aa80-7250e2ec9dc9	24e1c000-860b-414c-8a5a-cb73e98c0c6a	728f2424-573a-4743-bf7a-a87d17545a80	9823a214-a29d-4d0e-b894-b3d2e2b481ad	b5d4a5b3-
	0bc84d6e-37d9-4174-bf3a-836e3f0e7cf	2e98c95e-7e9b-4407-af30-61730f99e499	7977d1a9-d3db-490b-949d-c6cce43aab1c	9c54dc88-50cd-4207-80de-15a482501404	b8e4fc89-
	0bf1ced9-73d3-4bb4-80e8-08f993f2b136	409fce32-3c80-4968-819f-d774f10df209	7f8e529d-cf30-4d19-82b7-6287d94d8e26	a0eb53f9-c822-4808-8e83-82a6242d6389	b96d5c84-
eq H3K9me3	11a776de-361e-4edd-b4c1-1153e9a72498	531c01db-d7ec-4377-be41-51b3cab349a9	859b49cb-ac61-48c4-a1ad-a49ca139de17	a2f7b6cc-6c13-4941-b36a-dba812715f5d	e8aec03b-
	153650ef-7ef6-43cd-b5dc-cf062deb8afd	5455a6d7-2c10-4e8c-be6d-9d33be9436db	8d4cb0e6-789e-4338-8ffb-2b1adcc05c72	a62efed1-28b1-4005-b980-2a01726331e7	ee84a798-
	1726d2d4-326e-4dc2-912a-cee3015ea75f	560a707c-11f9-456f-9667-23fa8be1b9b6	8f8990bc-bdfc-474d-b52f-20c0591d22d2	aa15ac7e-15a0-48e8-acc8-ec3bdca62dd4	f8b01218-
	1a15235c-2fe4-4569-a5a6-ed62c1765abd	6615446a-840c-42f3-8de3-7683d60a1480	916f86f3-bba4-4f2a-8dee-7255de7413cf	aa54d00c-3307-444e-b6a2-8d8127554fe8	imputed

# PCA por automated experiments WGBS standard



S standard			42f5ce34-deb7-4ac0-b9e4-302f2814e3a0		6d30cc61-ba10-44be-9592-d4ea052f685a		88b7d446-b2ba-4615-a7ac-82661af5b7d5		d7bd1bfe-5c
			0b92be18-a813-42e0-97cb-876c5878526f		7271a973-861c-4765-a17b-767fba07431d		8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378		e0c2f110-e0
			0cc882b9-8b8a-47a0-a3b9-c7e93a064919		73f81a47-8c88-47c5-8e6c-3a5578301c24		a713bee9-910c-48a7-80c9-37560c997dae		e1c8805b-c
			10273b8a-254b-4c0e-830c-fe7306a0f31d		772f8c24-349d-411e-89ee-365ee8b061d3		ab7cb639-ecd3-42ac-8ad6-849b1c3925e0		e33b8e3f-b2
			150f6503-c7ab-44fb-a903-ebf1b17b2625		798a59e9-137e-4084-872a-756620680831		ac9478e6-dade-4c0b-814e-7abd3b0f5112		f22a937a-2f
			182c7e63-941c-448e-9a84-d75fe1647c26		7b549f1a-3762-4596-abbb-f85d2ac72f0e		b4afda21-249c-4afc-a8cd-d11d322f91a0		fadda90c-70
			24912775-683f-414a-b2e1-35735bac7337		7c1e66be-3bba-496e-8dd1-dca2aefa4fb2		b4fe0351-a0d7-4dea-8963-8f54760eaa9		fe8c5f2b-ec
			3549ad42-f62a-439a-a732-1a9640712ac3		8072461f-6ff2-44d0-b041-d267d66c4238		cd60d225-f45f-4d16-98f2-5d3ec24845a6		imputed

# PCA por automated experiments WGBS PBAT

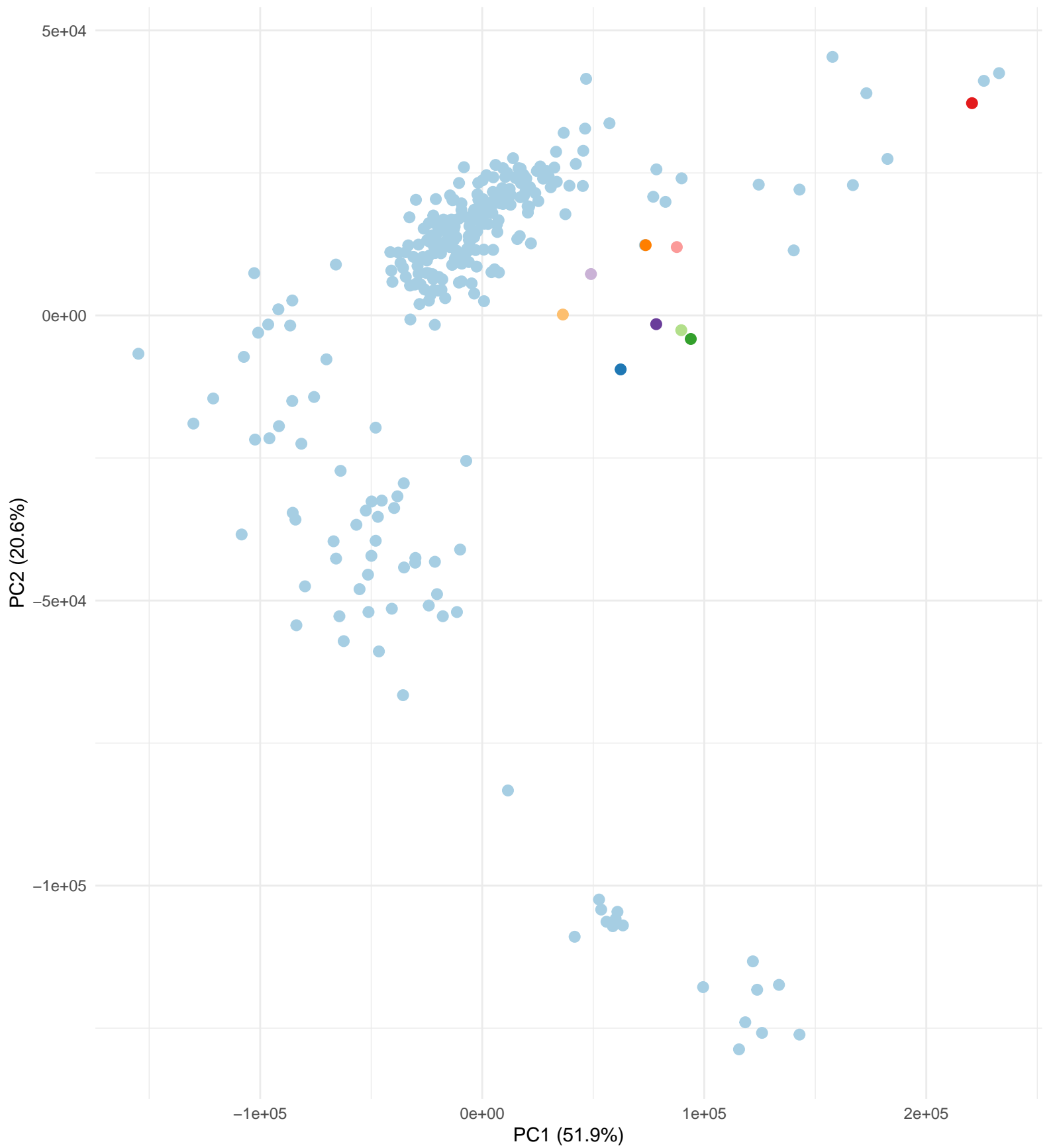


SBS PBAT

- 40683367-35f6-4afc-83c3-b9c80ec7f87d
- 69900762-439d-4985-8f18-99e8343e0a36
- c3c448a4-34ed-4a9a-b6a0-cd956b489c71
- f76edb4e-830e-4b8e-8b2c-7b27e75512f2
- 25b590c4-a83d-4b5c-89fe-7d4d44413ef0
- 5ca64620-c46a-4ee2-99e4-49e69ced9d51
- 89154913-658e-46d8-be8d-81961eb89c07
- c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2



# PCA por automated experiments RNA-Seq mRNA-Seq



Seq mRNA-Seq

20a634b9-55e4-4591-800d-f57f251ed6ce 42711739-180f-473c-8ff7-14a795560fcd 87e701ba-8f3d-40ae-88af-d359a0478339 a7c5b6e6-b037-436d-8a86-f4cf9b7471c1 8c45a968-d8b5-4166-93c0-63be9d96dff c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe d0b7f437-bc21-4f38-bc23-358cf545987c d4a24721-c... f85744fa-d...