

Select all variable objects in clusters

This query was suggested by the LSST Science Collaboration (Supernovae)

```
SELECT objectId
FROM (SELECT v.objectId AS objectId,
            COUNT(n.neighborObjectId) AS neighbors
      FROM   VarObject v
      JOIN   Neighbors n USING (objectId)
      WHERE  n.distance < :clusterRadiusThreshold
      GROUP BY v.objectId) AS C
WHERE neighbors > :clusterDensityThreshold
```

Assumes presence of `Neighbors` table.