

| Query 3 (Q3) | | | | | |
|--------------|--------------|---------|---------|---------|-----------|
| | Relaxation#2 | Ref-1 | Ref-2 | Ref-3 | Ref-4 |
| LUBM10 | 541ms/39255 | 160ms/0 | 139ms/8 | 152ms/6 | 204ms/255 |
| LUBM50 | 3.76s/204930 | 305ms/0 | 274ms/8 | 267ms/6 | 463/255 |
| LUBM100 | 9.5s/411501 | 347ms/0 | 448ms/8 | 400ms/6 | 703ms/255 |