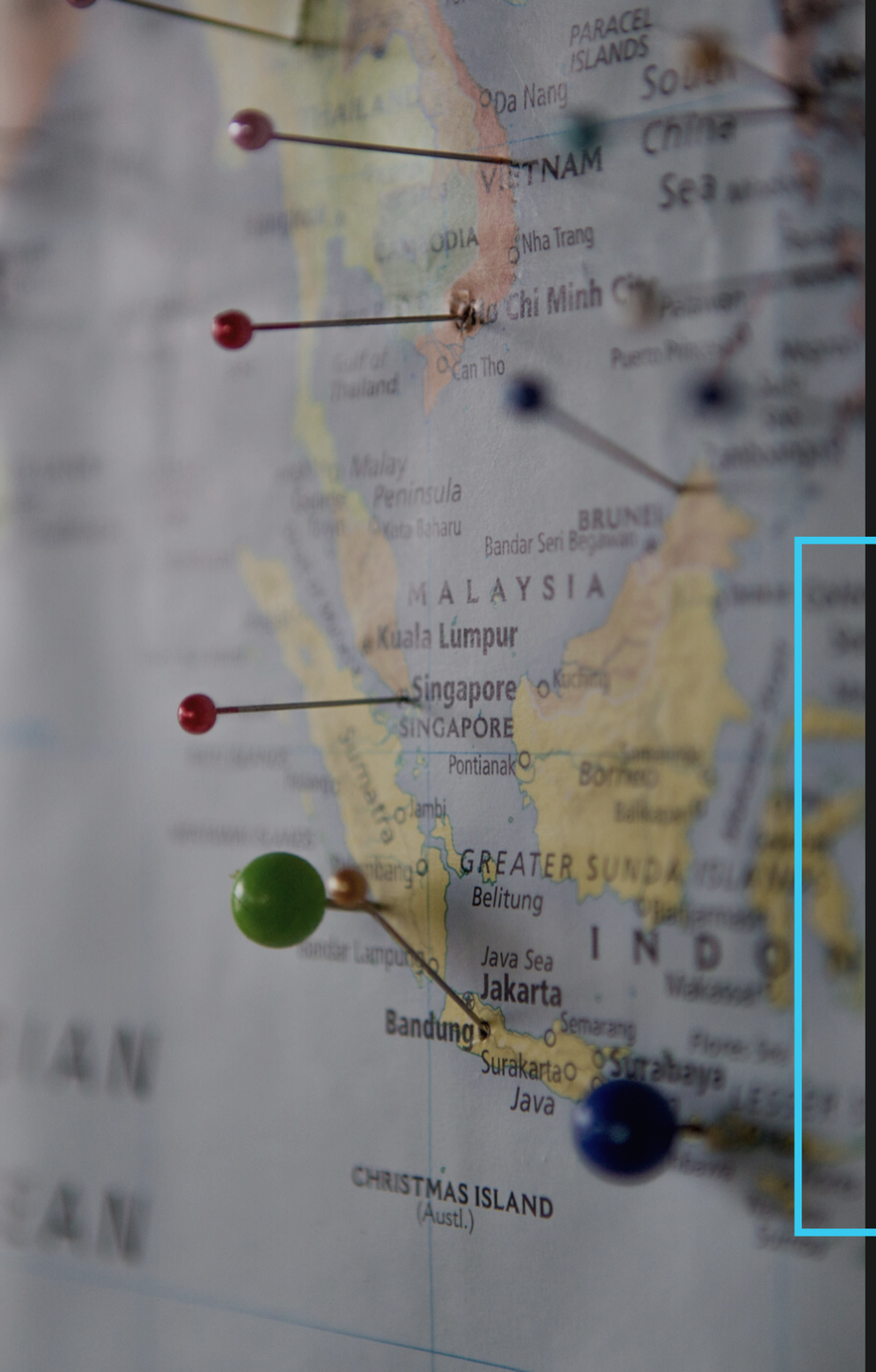


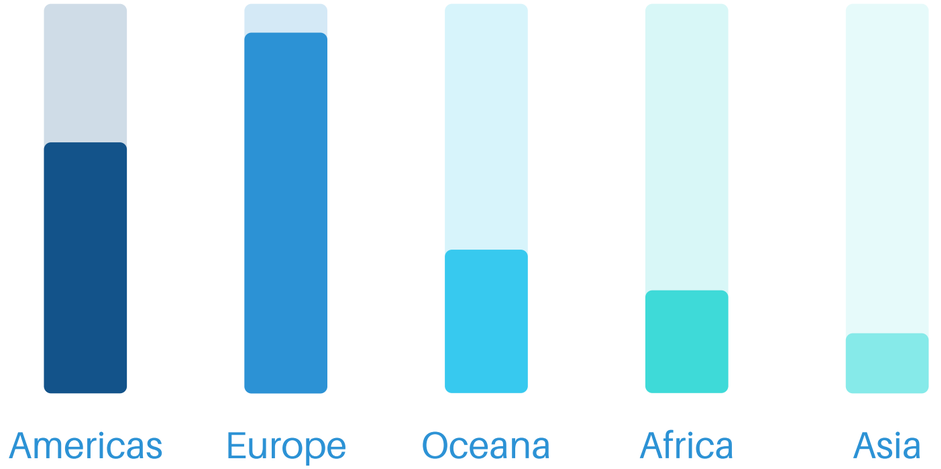

SOCIAL NETWORK ANALYSIS

# WORK MIGRATION

Group D

# WHAT

migration trends




## WHERE PEOPLE MOVE

## USING LINKEDIN DATA

## HOW THE WORLD CONNECTS

# THE DATA

## Collected from Linkedin

- Migration based on talent

- Self-reported information

- Not inclusive of undoccumented migration

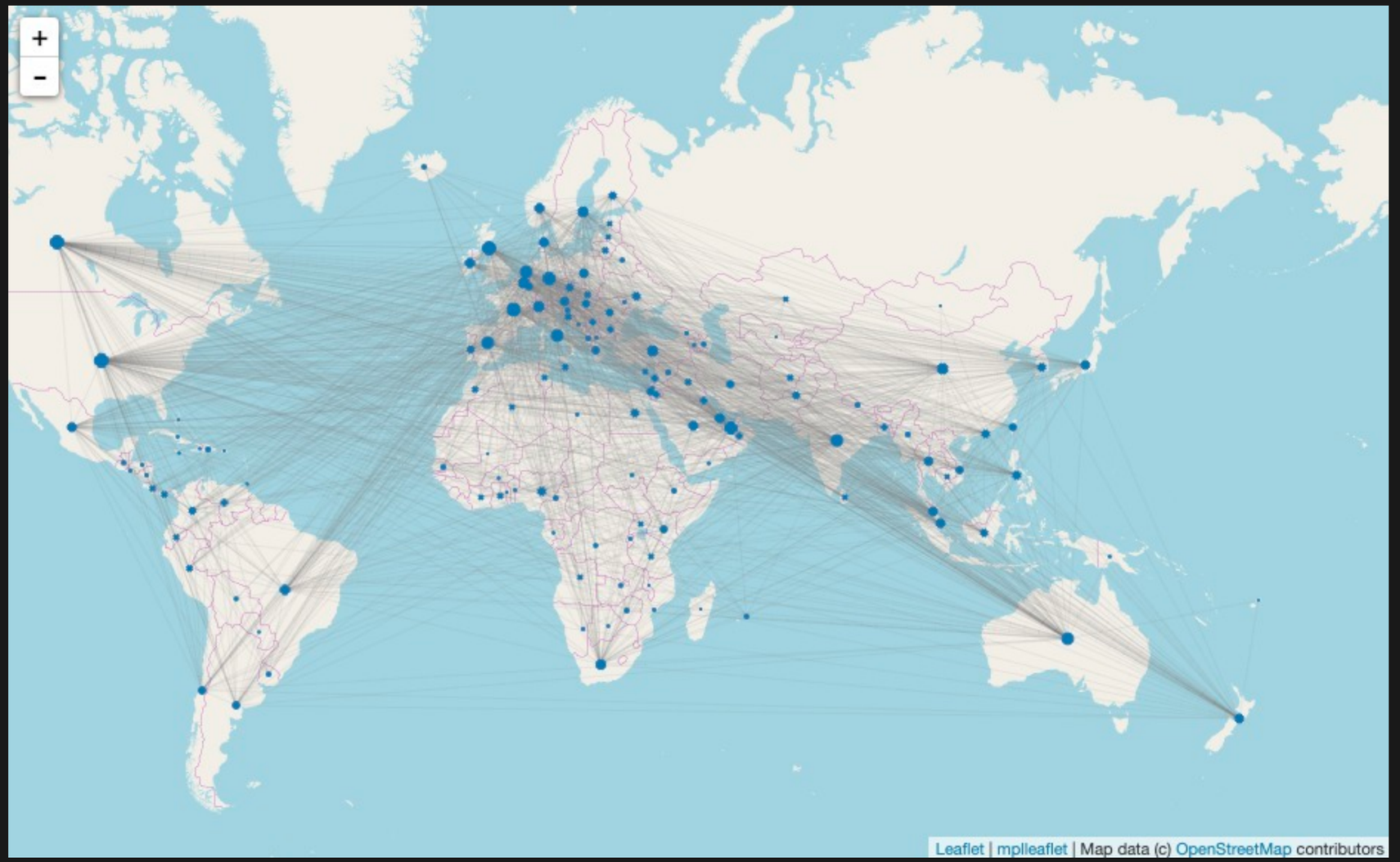
1. USA
2. CANADA
3. UK
4. FRANCE
5. GERMANY
6. UAE
7. SPAIN
8. INDIA
9. ITALY
10. NETHERLANDS

# WHERE IS THE HIGHEST TOTAL MIGRATION?

1. FIJI
2. BAHAMAS
3. TOGO
4. MADAGASCAR
5. USBEKISTAN
6. PUERTO RICO
7. MALI
8. MONGOLIA
9. MALAWI
10. HAITI

# WHERE IS THE LOWEST TOTAL MIGRATION?

# GENERAL
# MIGRATION TRENDS



# OUT-DEGREE

| | node | outdegree |
|---|---|---|
| 8 | ve | 0.0 |
| 38 | fj | 0.0 |
| 53 | md | 0.0 |
| 97 | mg | 0.0 |
| 133 | ni | 0.0 |
| 105 | ba | 0.0 |
| 91 | bj | 0.0 |
| 1 | cu | 0.0 |
| 63 | tt | 0.0 |
| 67 | pr | 0.0 |

| | node | outdegree |
|---|---|---|
| 12 | ca | 0.755396 |
| 7 | de | 0.654676 |
| 92 | fr | 0.546763 |
| 17 | au | 0.496403 |
| 101 | nl | 0.482014 |
| 110 | es | 0.474820 |
| 23 | ch | 0.453237 |
| 76 | gb | 0.446043 |
| 31 | se | 0.431655 |
| 11 | be | 0.388489 |

# IN-DEGREE

| | node | indegree |
|---|---|---|
| 127 | uz | 0.000000 |
| 77 | pg | 0.000000 |
| 57 | ml | 0.007194 |
| 56 | bs | 0.007194 |
| 131 | mw | 0.007194 |
| 47 | cd | 0.007194 |
| 39 | ge | 0.007194 |
| 111 | py | 0.007194 |
| 33 | ga | 0.007194 |
| 61 | lu | 0.007194 |

| | node | indegree |
|---|---|---|
| 46 | in | 0.604317 |
| 63 | us | 0.553957 |
| 37 | br | 0.381295 |
| 2 | tr | 0.374101 |
| 32 | cn | 0.366906 |
| 119 | gb | 0.338129 |
| 0 | ae | 0.323741 |
| 38 | za | 0.266187 |
| 115 | my | 0.266187 |
| 138 | it | 0.251799 |

# WHAT DID WE LEARN

### CYCLICAL MIGRATION

Large countries have migrants coming and leaving

### COUNTRY SIZE

Smaller countries have less migration

### LOCATION MATTERS

More migration towards Europe

### USE OF SNA

Not all SNA concepts work for this analysis