Trip distribut^n

→ How to convert .shp file into .net file.

For Trip distribut^n — need Skim matrix/Network

Convert Shape file.

→ File — Tools — Build network from shape (click).

⎡ Output Binary network file
⎣   [Browse]

• Input

(Polyline)*   Shape from Q.GIS, (exploded)
                               file, in format .Shp.

• output (destination)

☑ Add new A and B fields
              ↳ cube automatically add node.

∅ All Two way.

Distance options. ∅ Add ditance field

Node options.
                                                     160
              → Start no. no. - greater than ⎡ 150
                            no. of zone ⎣

              ∅ Max. zone no. > More than

Note:- close exploded file in arc/QGIS.

✓ For distribut^n, we want Skim → exploring possible routes.

~~Skims matrix~~ Network matrix

      ↳ Add - New Sub groups

Application informat^n
Appleat^n groupnan - Rich
. Code. 01

                        OK ~

give name - Skim generat^n

Double click on Skim →

Now, → generate highway Skim

    click highway Skims - ok.

Now, link network file → . net file joh convert kaya

        in ~~autp~~ Right Side → need

               Print file ⎫
                       ⎬ autonami.
              Matrix file ⎭

double click on script file.

    MO = 1 - 3

        ↳ modrun (1) having 3 Shuts.

Now compute,
above click Link → Add → Speed
OK

Condition linktype=1 Right click → Linktype click
→ maybe single equal may work.
then while ==1 → insert → Equatⁿ → Speed=1
→ write ⎵ other linktype, any value
Now, in ⎵ → write for other linktype, e.g 25

Add variable, = SPEED
Time
Capacity
Lanes

Compute → Condition:- Linktype=1
Right Insert → Distance = distance/1000
click in ⎵ $\underbrace{\qquad}$ to convert in km.

Speed = toggle

$$Time = \frac{distance * 60}{Speed}$$

→ Lanes = Lanenum.

→ Capacity = capacity * value.
↳ total capa ↳ per lane

Note:- once equat^n apply then delete before applying the next equat^n or change set (from 1st line) for Save.

Now Highway network ready → Save in .VPR → then open from where a left.

→ Now run the Highway matrix.

⇒ Now click Public Transport matrix.

? How to overlape zone file over .net file
Open un .net file ⇒ click on layer 🗋 - +
☑ Bdy
File nape - Zone file (shp file)
fill - ☑ Postiy ☑ colour

→ Now generate zone cetroid?
click Node → automatic add centorid → click on [Zone] variable.

→ Draw centorid connectors.
automatic add centraid connectors
Maxi no. of connectors to generate = 4
maxi distance for correction = 2 (km)
OK

MATRIKAS

.- do step of connector before adding the
rule.

not then once add connector, add its
speed, Time, capacity.

~~root too~~

To change the Connector link name ly

LinkType = 0

equ linktype == (10.) → Just name.

capacity = 9999 (infinite capacity)
for connector.

→ Now for PT matrix

script changes →

Fromnode = 1 - Zone, Tonode = Highway
node.

Transfer links.
Fromnode =

Highway , Highway
node node.