



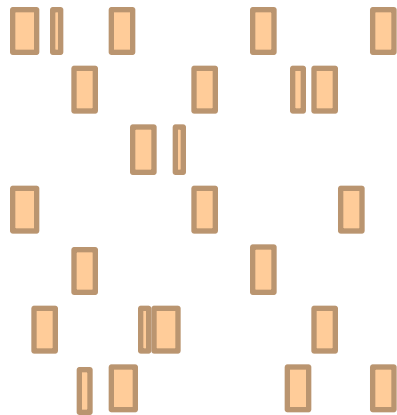
Servicefönster - forskningsinriktning



TOMAS LIDÉN
KOMMUNIKATIONS- OCH TRANSPORTSYSTEM (KTS)

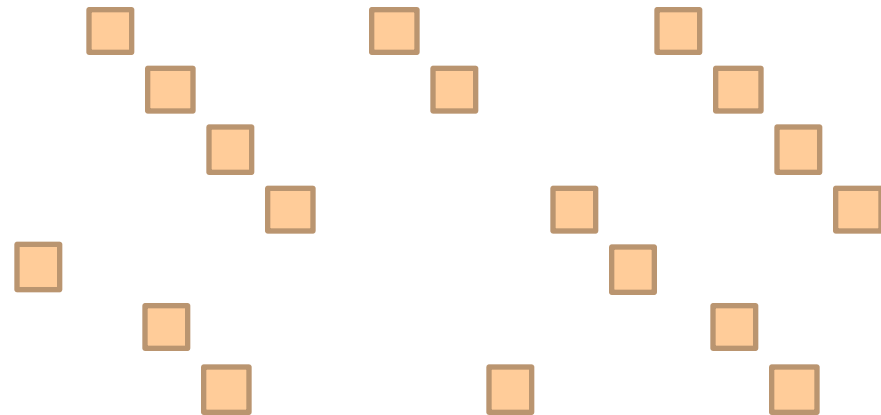
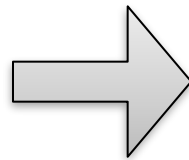
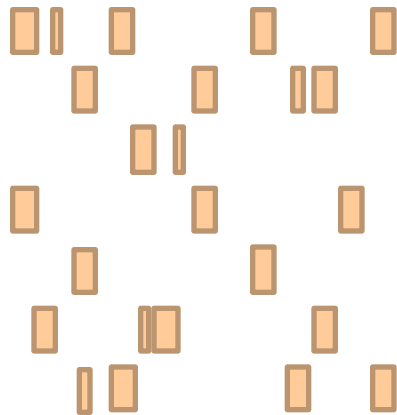
Basic idea

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Many, short & event driven possessions
Scheduled **after** time table construction
Late application (by contractors)

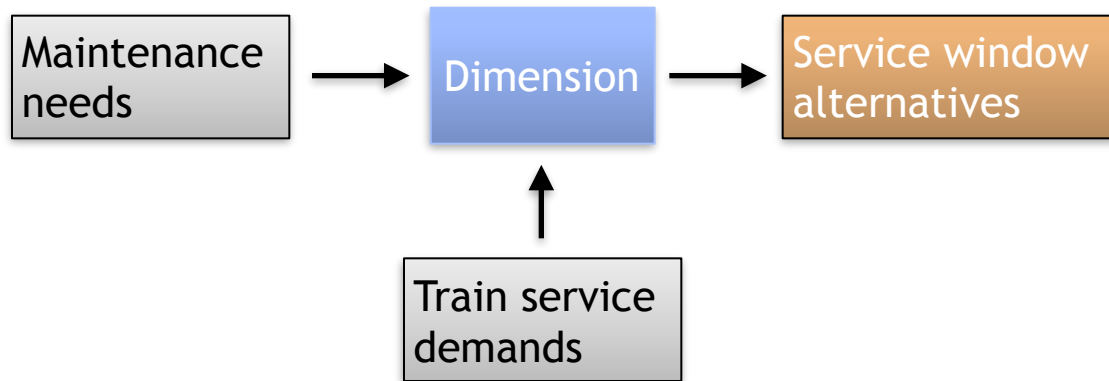
Basic idea



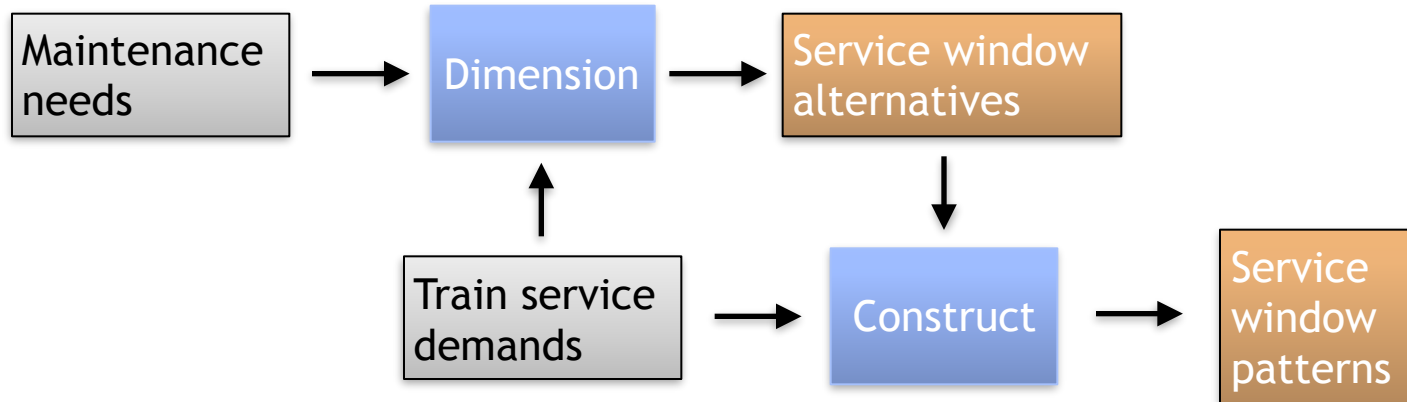
Many, short & event driven possessions
Scheduled **after** time table construction
Late application (by contractors)

Regular, long and preplanned possessions
Designed **before** time table construction (by TrV)
Prerequisite for the maintenance contracts

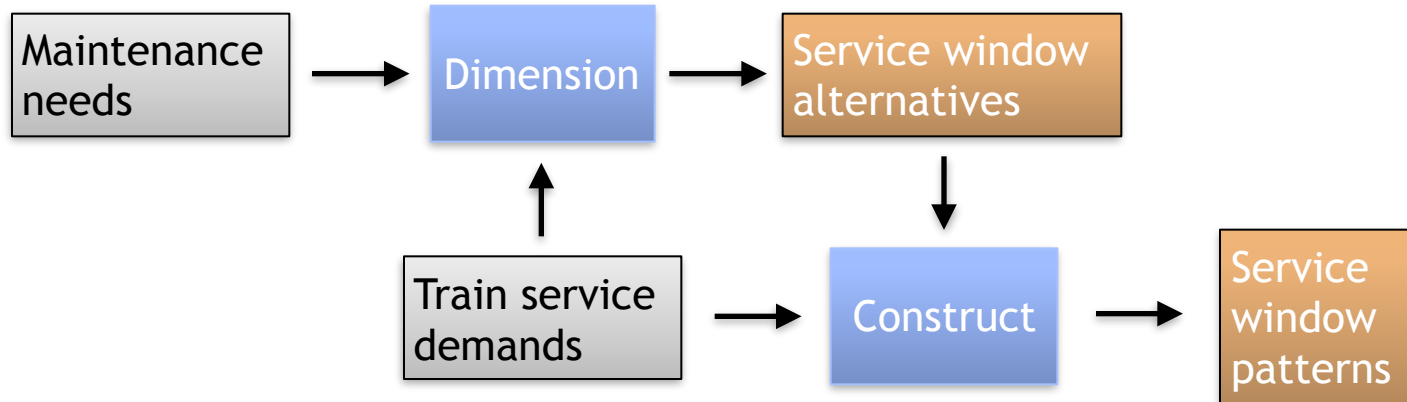
Research questions



Research questions

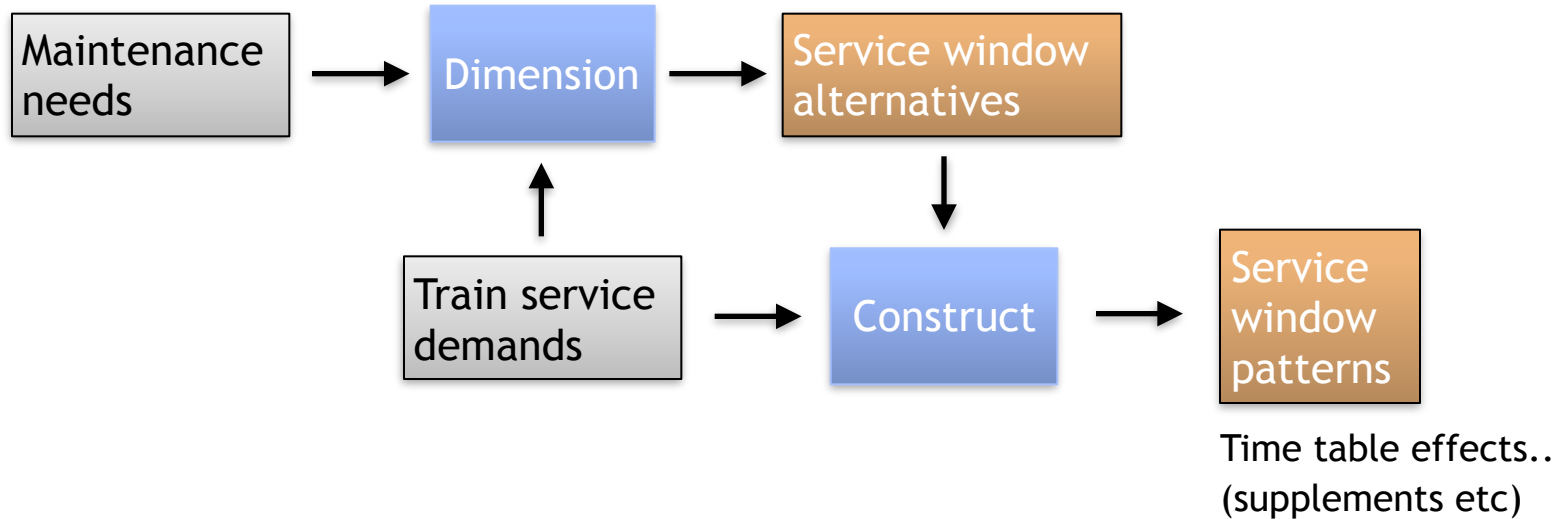


Research questions



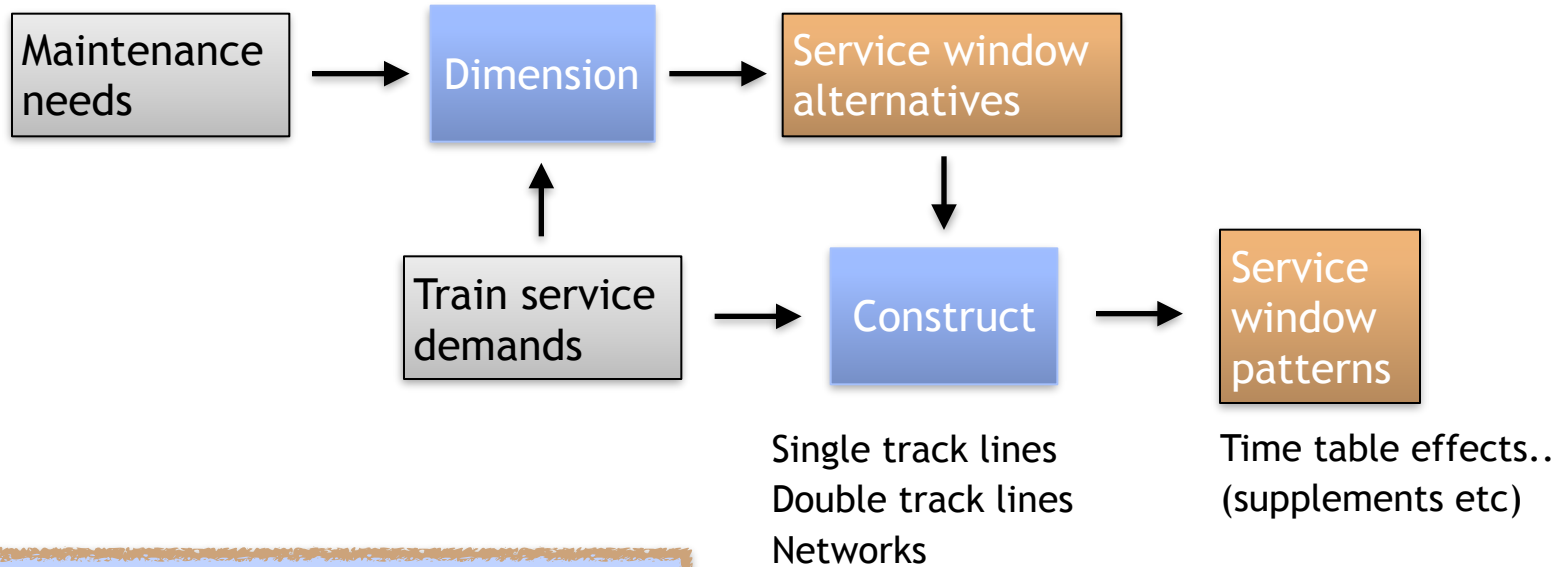
Minimize maintenance cost
Minimize traffic impact

Research questions



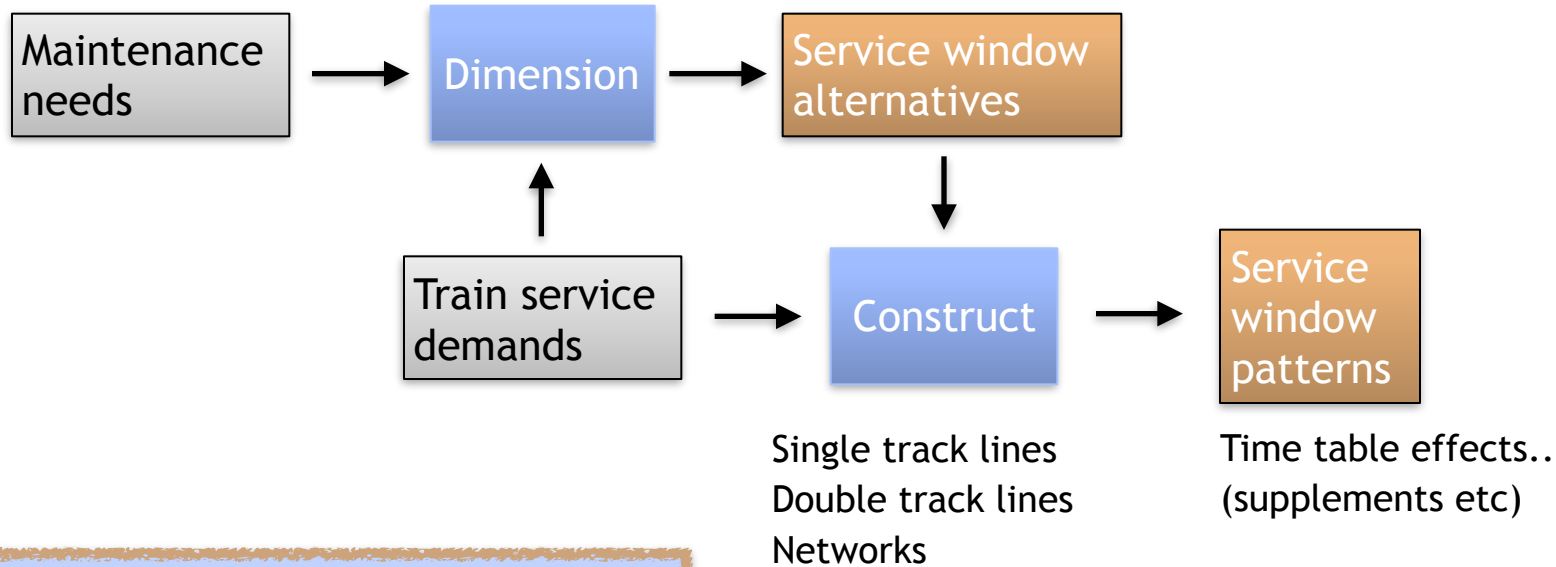
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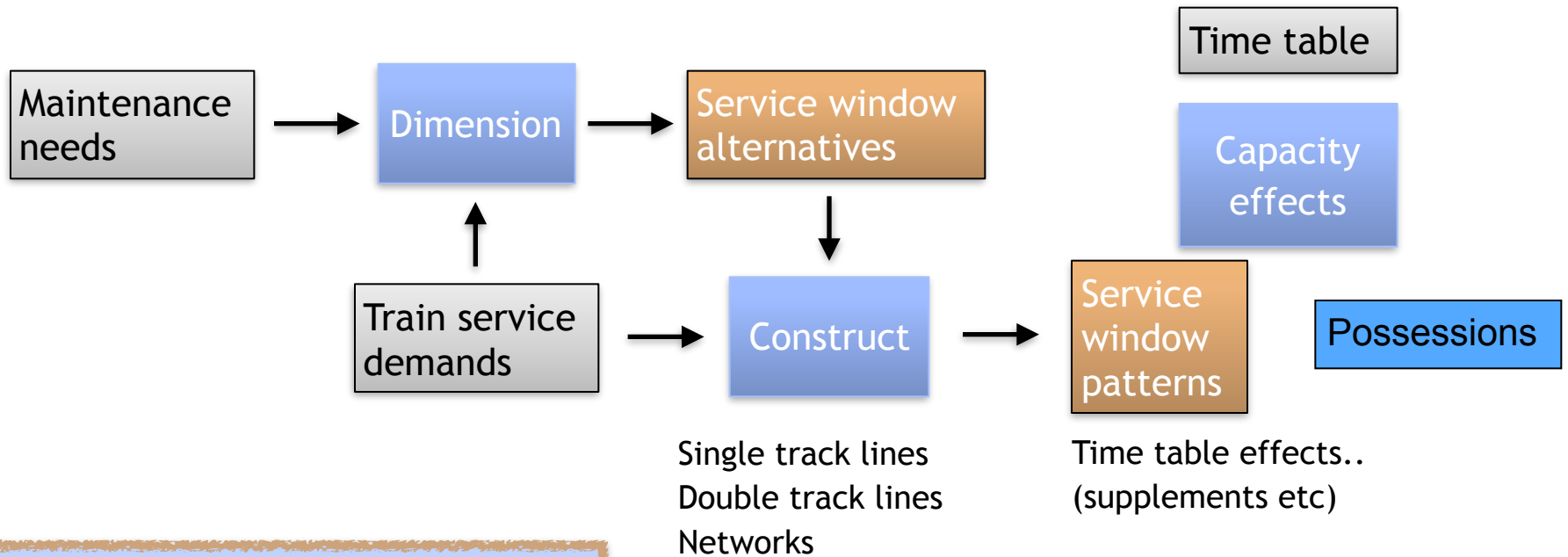
Research questions



Minimize maintenance cost
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References:
van Zante-de Fokkert et al (2007)

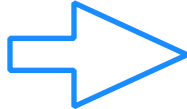
Research questions



Minimize maintenance cost
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References:
van Zante-de Fokkert et al (2007)

Forskningssteg



1. Teoretisk analys (ett fönster)

Kvantifiera effekter

2. Modell för schemaläggning

Linjesträckning

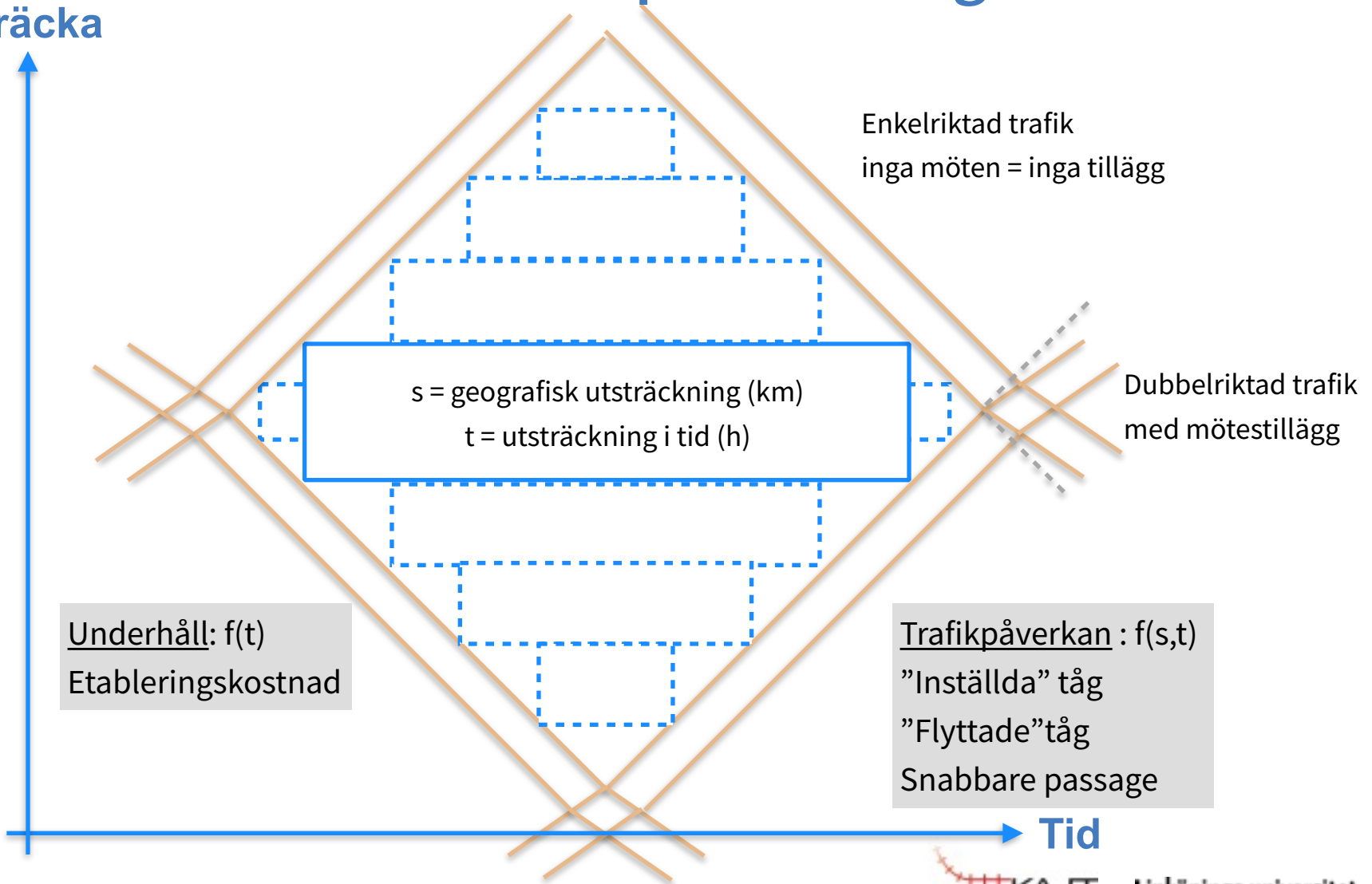
Nätverk

3. Generera fönsteralternativ

Balansera mot behov

Enkelspår - homogen trafik

Sträcka



Många intressanta aspekter...

Värdering av trafikpåverkan

Dubbelspår

Assymetrisk trafik

”Skeva” fönster, kanalkörning

Arbetsområde kortare än fönstret

Kapacitetsmarginal, användning

Mindre trafikpåverkan



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