

	<u>Cage</u>	Fly(Cage)	Error
EMS Cage	Cage		
EMS Fly(Cage)		Fly(Cage)	
EMS Error			Error

Each EMS includes itself

	<u>Cage</u>	Fly(Cage)	Error
EMS Cage	Cage		Error
EMS Fly(Cage)		Fly(Cage)	Error
EMS Error			Error

Each EMS includes the constant error term

	<u>Cage</u>	Fly(Cage)	Error
EMS Cage	Cage	Fly(Cage)	Error
EMS Fly(Cage)		Fly(Cage)	Error
EMS Error			Error

Each EMS includes nested random terms

	<u>Cage</u>	Fly(Cage)	Error
EMS Cage	Cage	Fly(Cage)	Error
EMS Fly(Cage)		Fly(Cage)	Error
EMS Error			Error

Correct
Denominator MS
Fly(Cage)
Error

Identify the denominator MS for the F-ratio
The denominator MS cancels all but the term of interest

	<u>Cage</u>	Fly(Cage)	Error
EMS Cage	Cage	Fly(Cage)	Error
EMS Error			Error

Incorrect
Denominator MS
Error

Cage MS / Error
Result: *2* uncanceled terms.
The F-test is ambiguous